I went through the portal

to Barbieland!

HOW_TO_MAKE_YOUR_NUMBERS
BRIGHT_CLEAR_AND_BEAUTIFUL

Hi Barbie!

Meet your Barbies!

Hi Ken!

Bridgett Milner

Director of Institutional Effectiveness
Office of Institutional Analytics
Indiana University

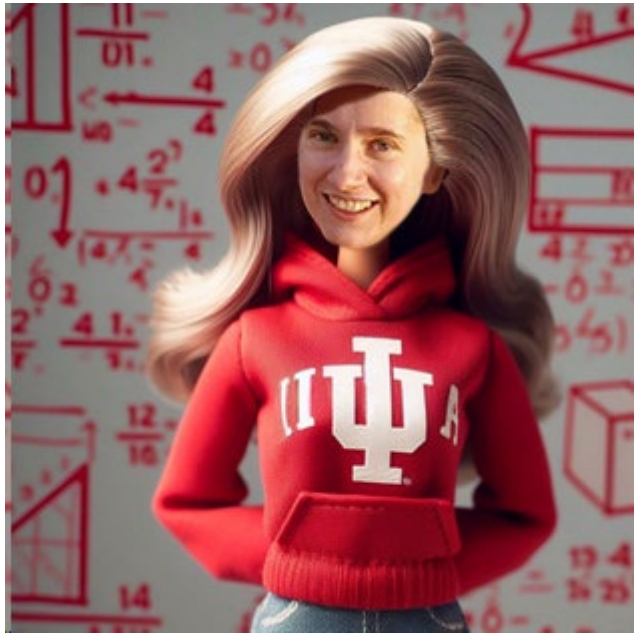
Sasha Haywood

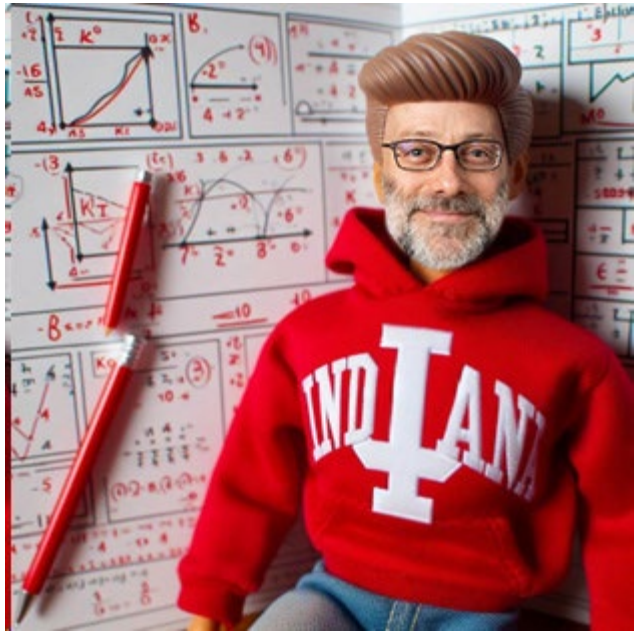
Sr. Operational Mgr (Data Analytics)
Office of Enrollment Management
Indiana University

Hi Barbie!
Hi Ken!
Hi Barbie!
Hi Ken!
Hi Barbie!
Hi Ken!
Hi Barbie!
Hi Ken!
Hi Barbie!
Hi Ken!

But really, we have a **whole dreamhouse** of Barbies and Kens at IU

Senior Associate Director of Strategic Planning and Research Barbie
(aka Lindsay Boersma)





Director of Strategic Planning and Research Ken
(aka Doug Anderson)

Data Analyst Ken
(aka Joe Russo)

Our roles

- Support campus leadership in making data driven decisions through providing:
  - reporting,
  - analysis,
  - research,
  - projections,
  - data visualizations, and
  - simulations.

Context

Need: information that is easy to understand, memorable, visually appealing, and perfectly on brand.

Want to Avoid: Inconvenient format which requires manual updates

Today's Examples (Both in Excel and Tableau):

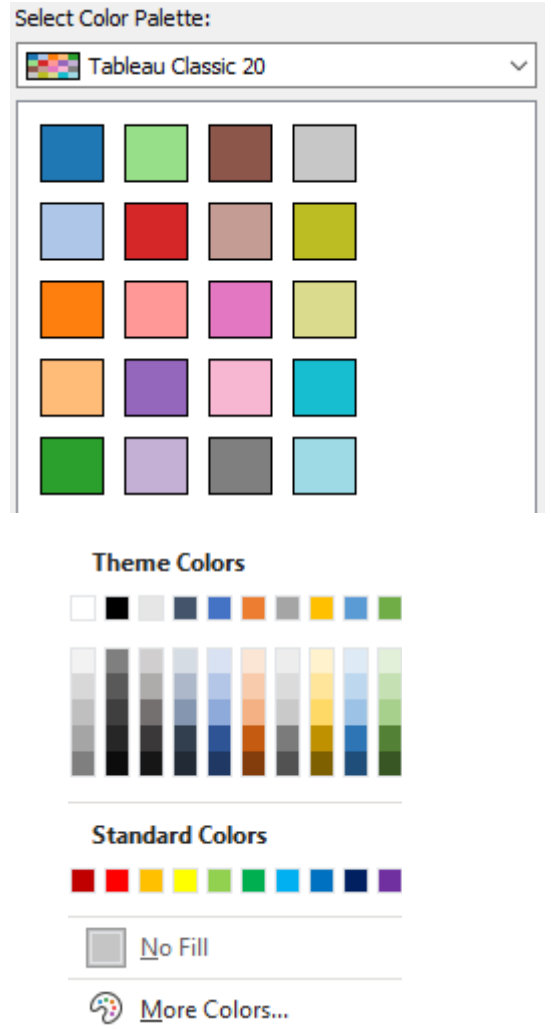
Custom Color Palettes; Fonts; Number Formats; Conditional Formatting; Some Non-Standard Graphs

Excel
Sparklines
Spin Buttons
Recording a Macro

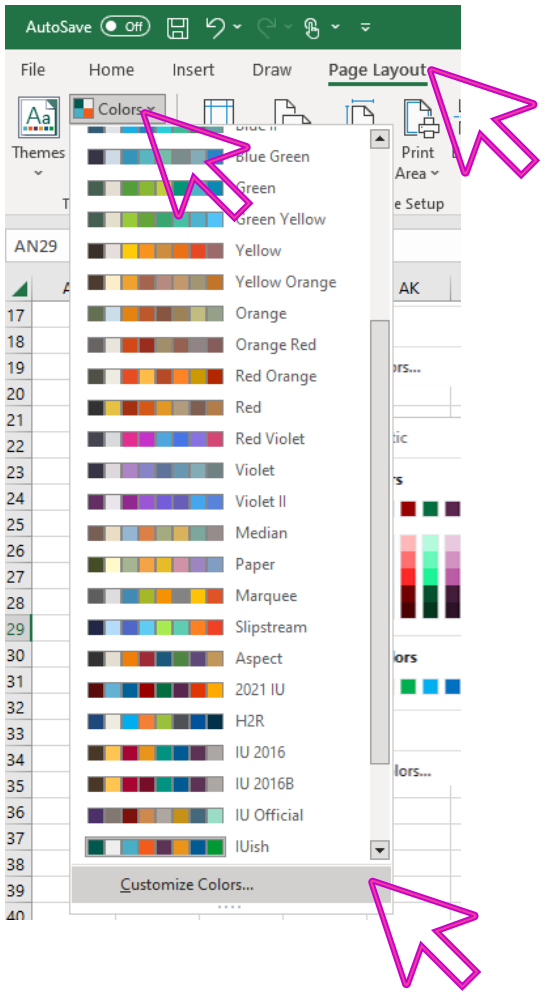
Tableau
Hidden Sheets
Stories
Exporting to Text

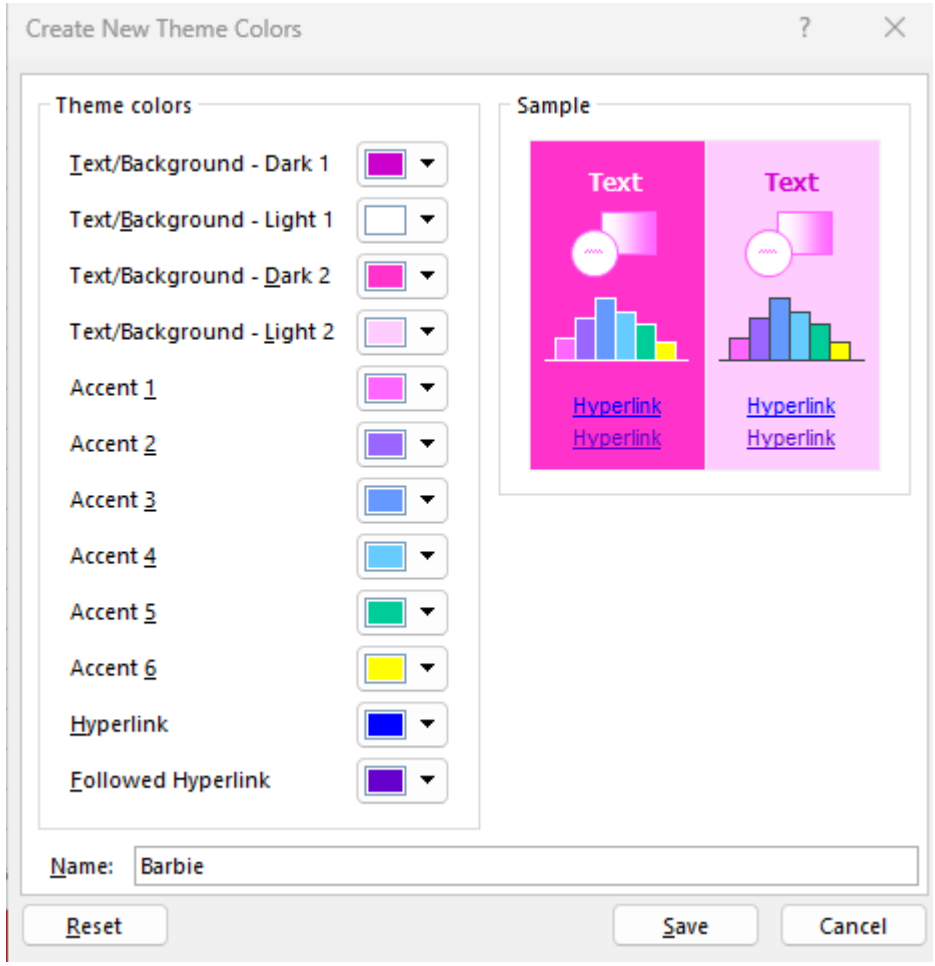
We will share slides after the presentation!

Custom Color Palettes



Excel (any Office Suite Product)

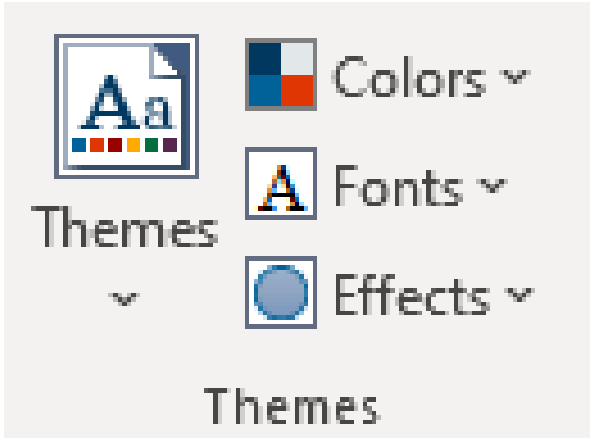


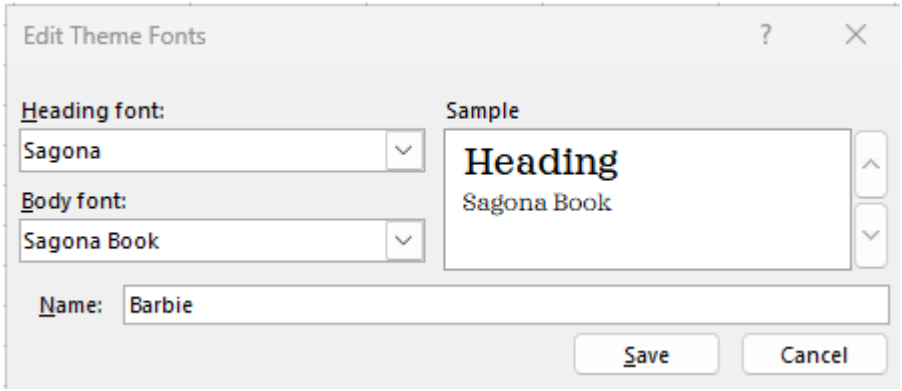


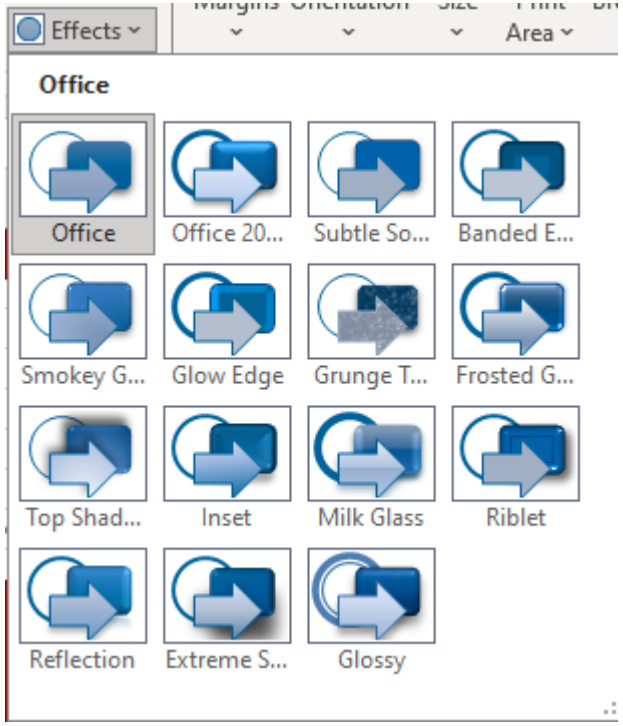
To share – navigate to the .xml file saved and send to the other Barbies and Kens on your team

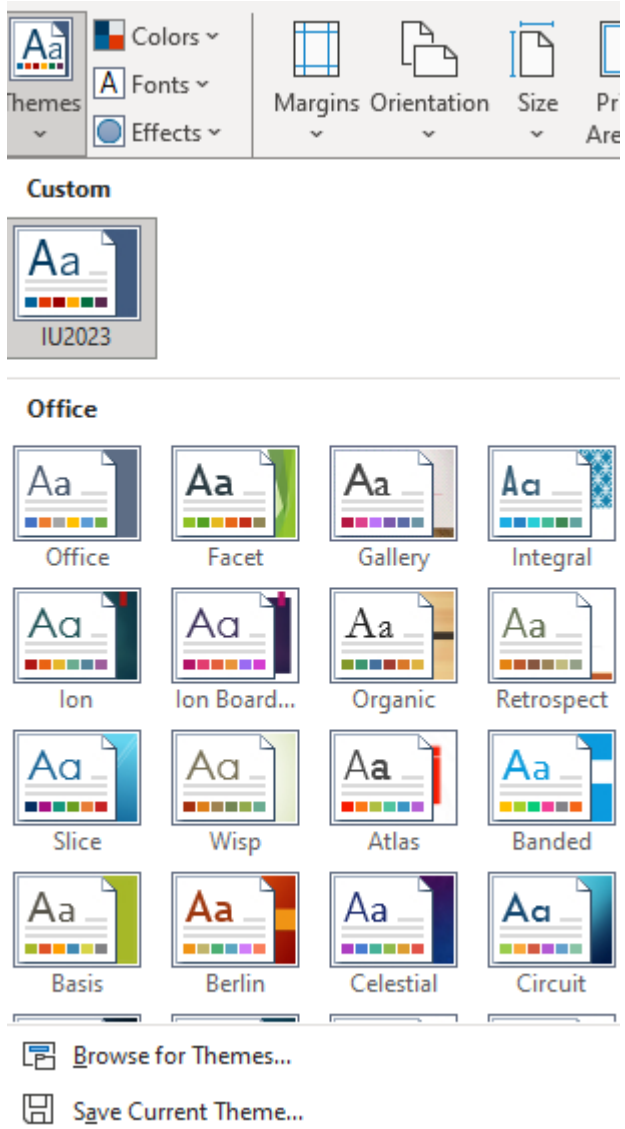
C:\Users\Barbie\AppData\Roaming\Microsoft\Templates\Document Themes\Theme Colors

Full Theme


Colors
Fonts
Effects
Themes
Themes


Edit Theme Fonts
Heading font:
Sagona
Body font:
Sagona Book
Sample
Heading
Sagona Book
Name:
Barbie
Save
Cancel


Effects
Area
Office
Office
Office 20...
Subtle So...
Banded E...
Smokey G...
Glow Edge
Grunge T...
Frosted G...
Top Shad...
Inset
Milk Glass
Riblet
Reflection
Extreme S...
Glossy


Themes
Colors
Fonts
Effects
Margins
Orientation
Size
Custom
IU2023
Office
Office
Facet
Gallery
Integral
Ion
Ion Board...
Organic
Retrospect
Slice
Wisp
Atlas
Banded
Basis
Berlin
Celestial
Circuit
Browse for Themes...
Save Current Theme...

Tableau

C:\Users\Barbie\Documents\My Tableau Repository

Milner, Bridgett J

```
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   <color>#640303</color>
   <color>#6E0606</color>
   <color>#780909</color>
   <color>#800000</color>
   <color>#860000</color>
   <color>#8f0000</color>
   <color>#990000</color>
   <color>#aa0707</color>
   <color>#bb110e</color>
   <color>#DC231E</color>
   <color>#F92F2F</color>
   <color>#F23A3F</color>
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   <color>#FFE7EA</color>
   <color>#FFF7F8</color>
   <color>#FFFFFF</color>
</color-palette>
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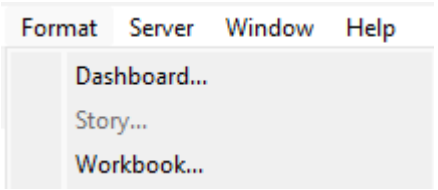
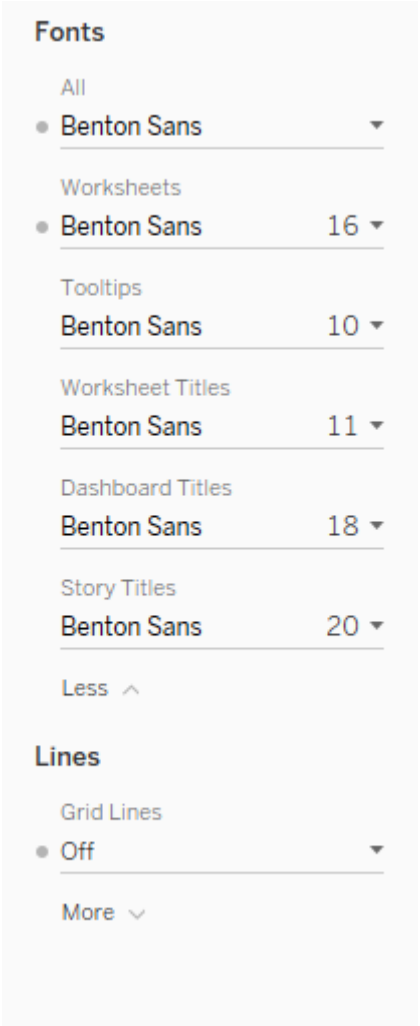
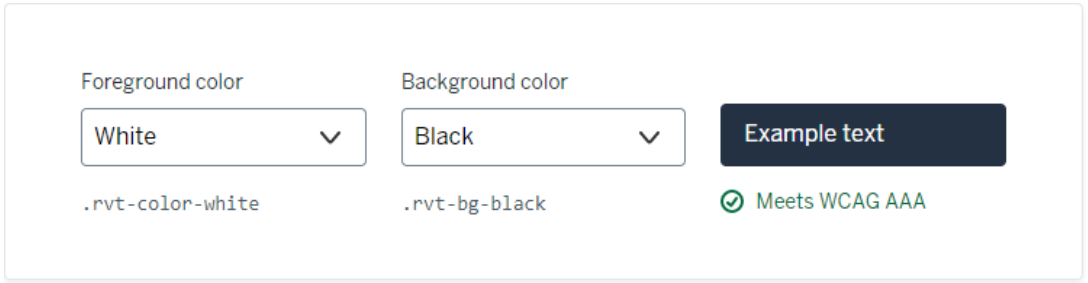
To share – copy edited preferences file and share with the dreamhouse

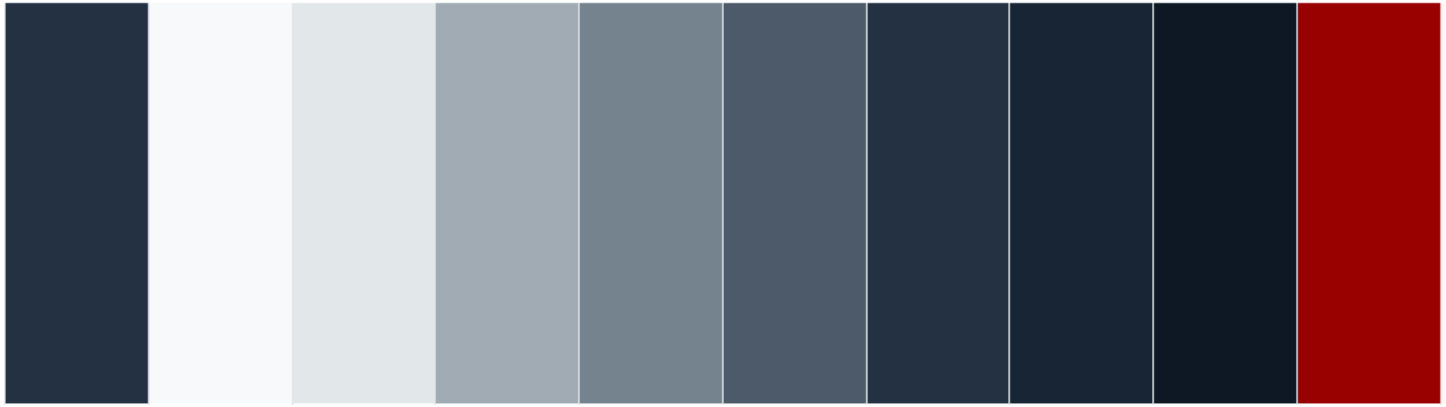
Tableau Fonts





IU Resources



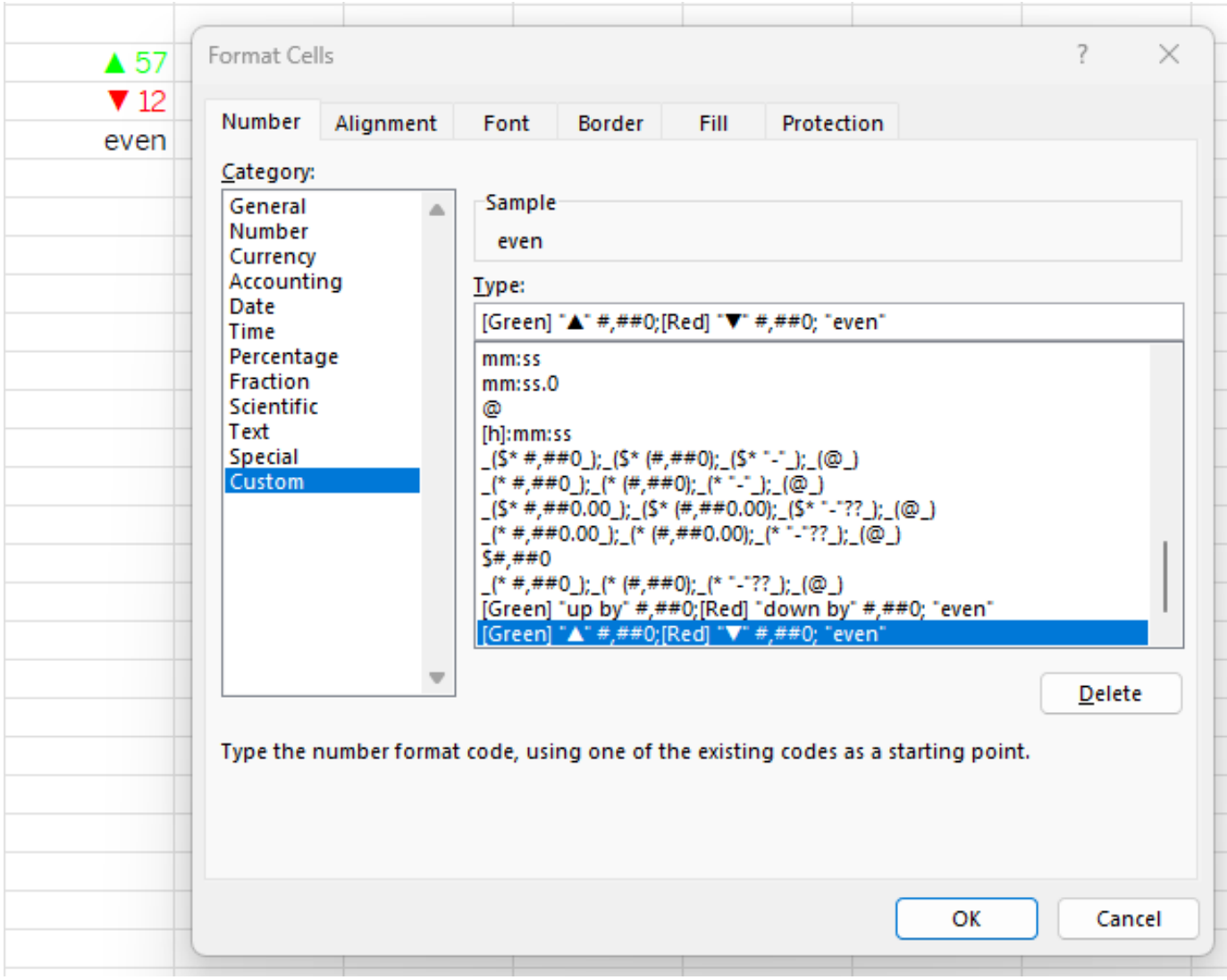


https://www.iu.edu/brand/brand-expression/visual-language/color/index.html

https://rivet.iu.edu/

Customize Everything!

Custom Number Formats in Excel

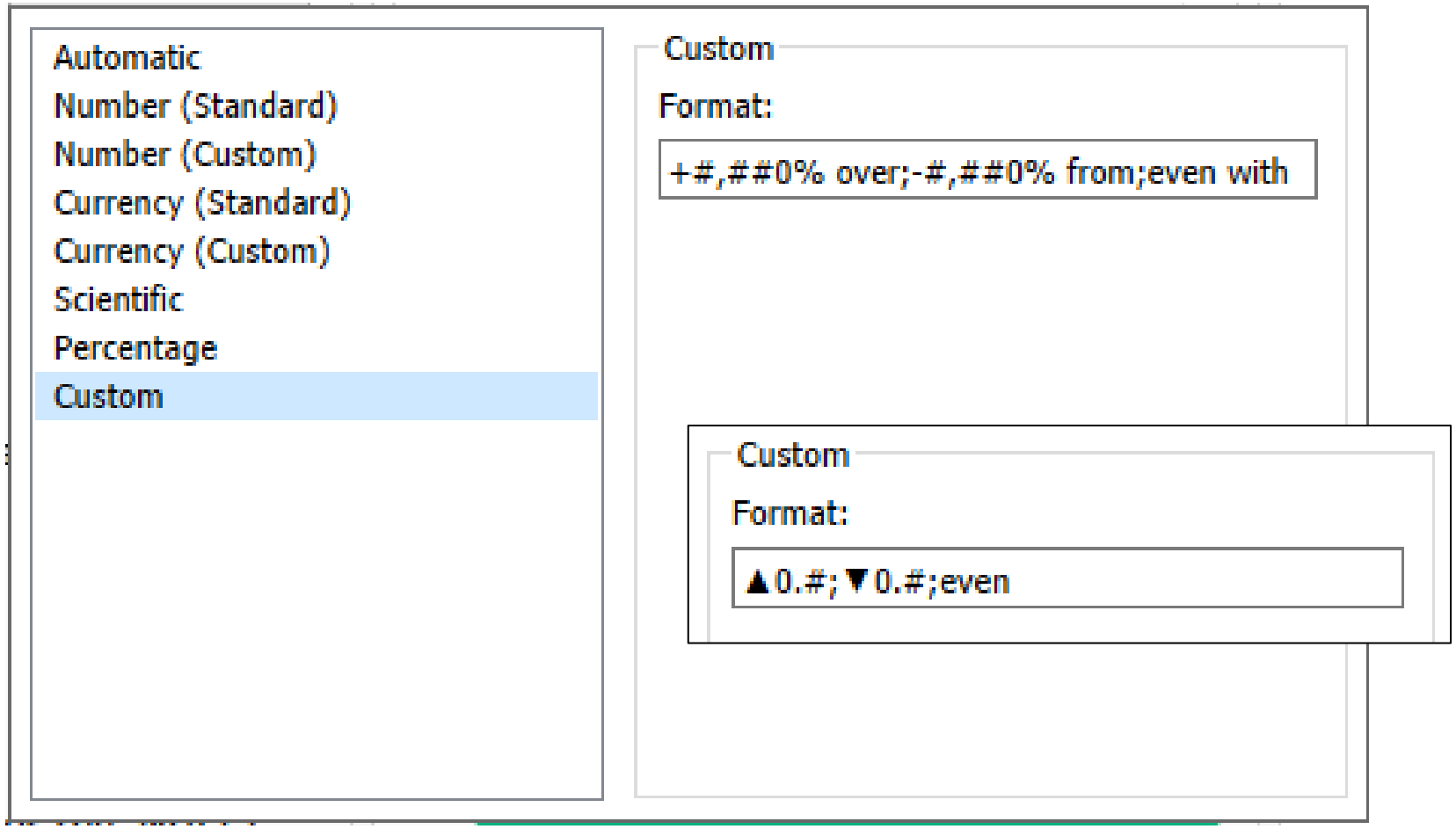


Custom Number Formats in Tableau

Can include words and symbols

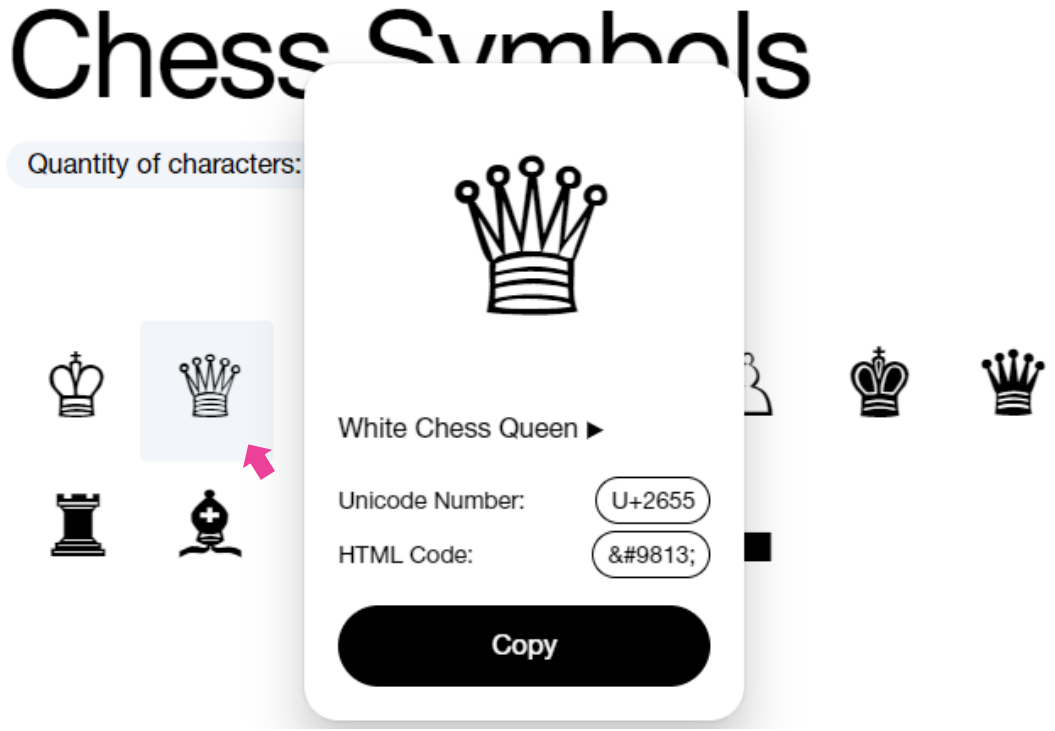
Specify number of digits

Separate formats for positive numbers, negative numbers, zero



Unicode Symbols

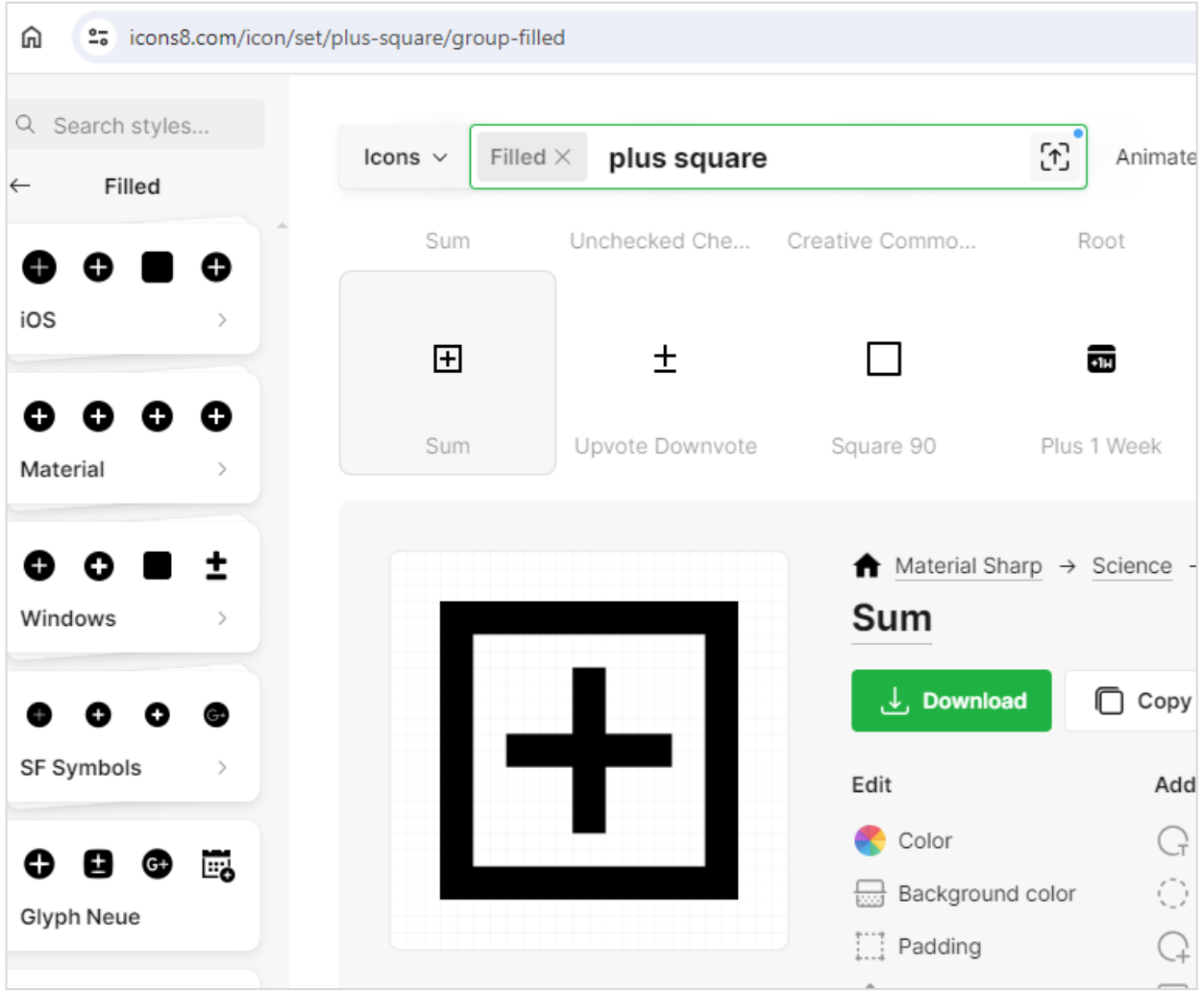
Can be pasted into calculated variables, aliases, number formats, and just about anything else.



More shapes in Tableau!

I wanted to make a key explaining how to sort and expand a table in Tableau. The “drill down” and “sort” icons aren’t Unicode characters.

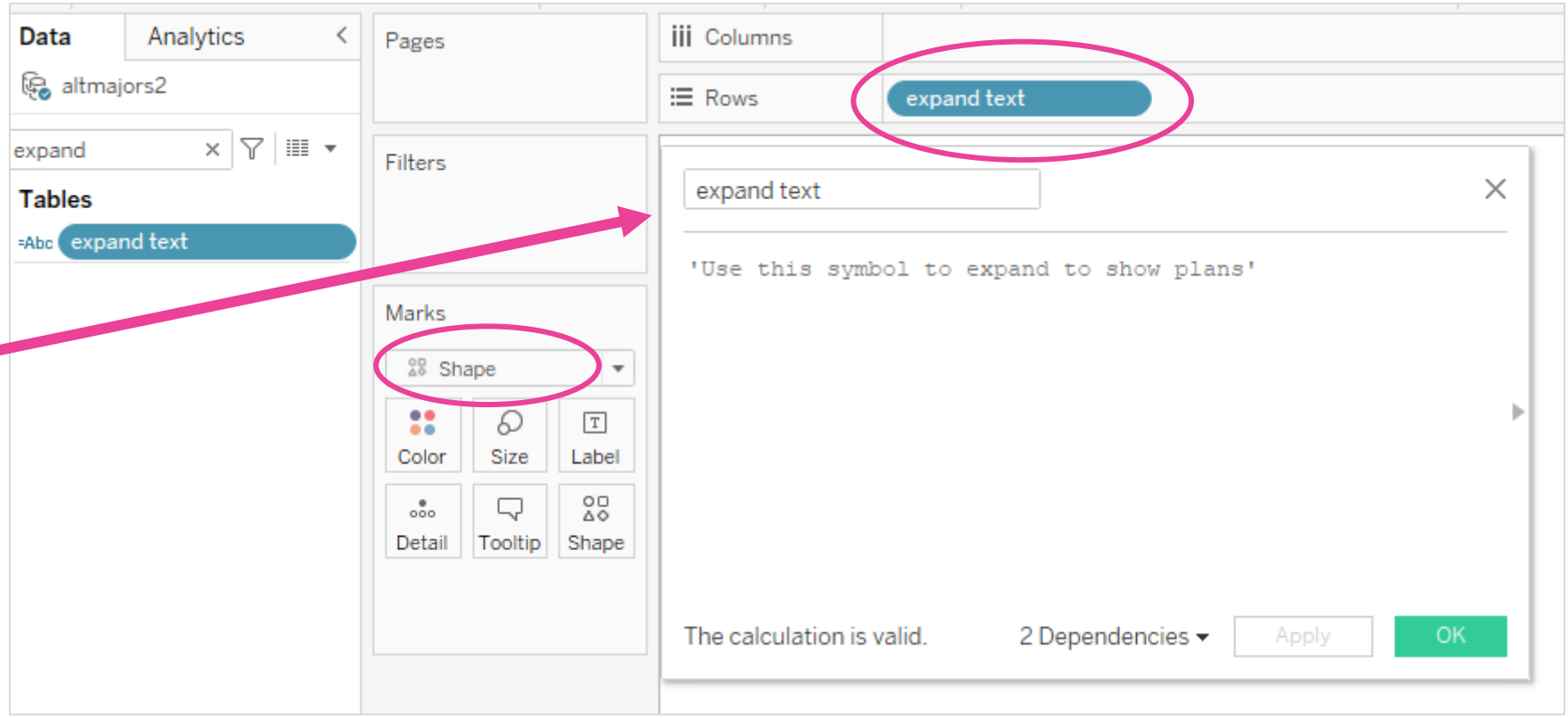
Download for free at icons8.com

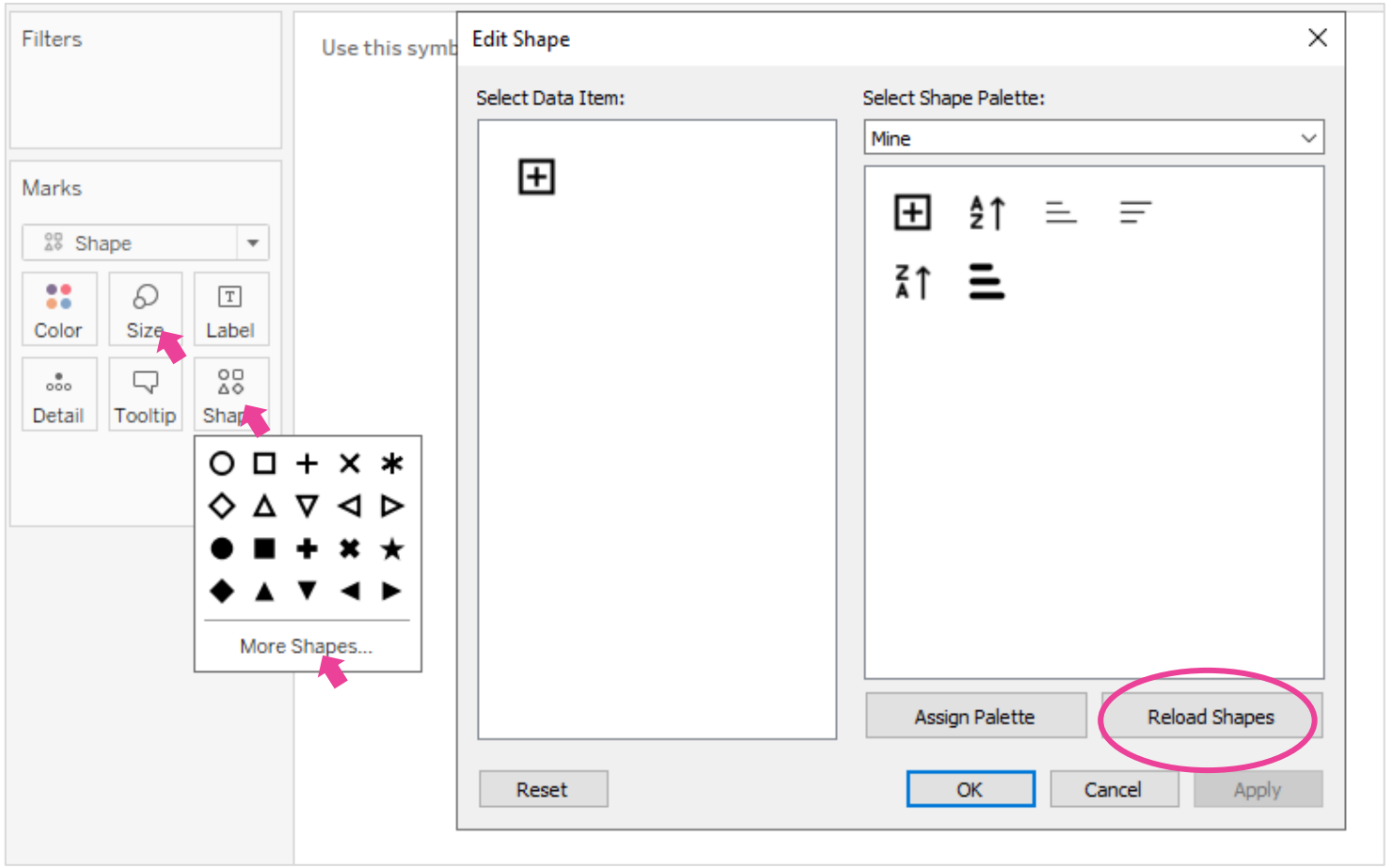


Upload as .png into My Tableau Repository > Shapes

Create calculated field with the text that you want next to the image.

Put that field on Rows, and change Marks to Shape





Reload Shapes to see your new shapes, and then select the one you want. Adjust the size.

Put these worksheets (one for each symbol) on a dashboard, and you have a key!

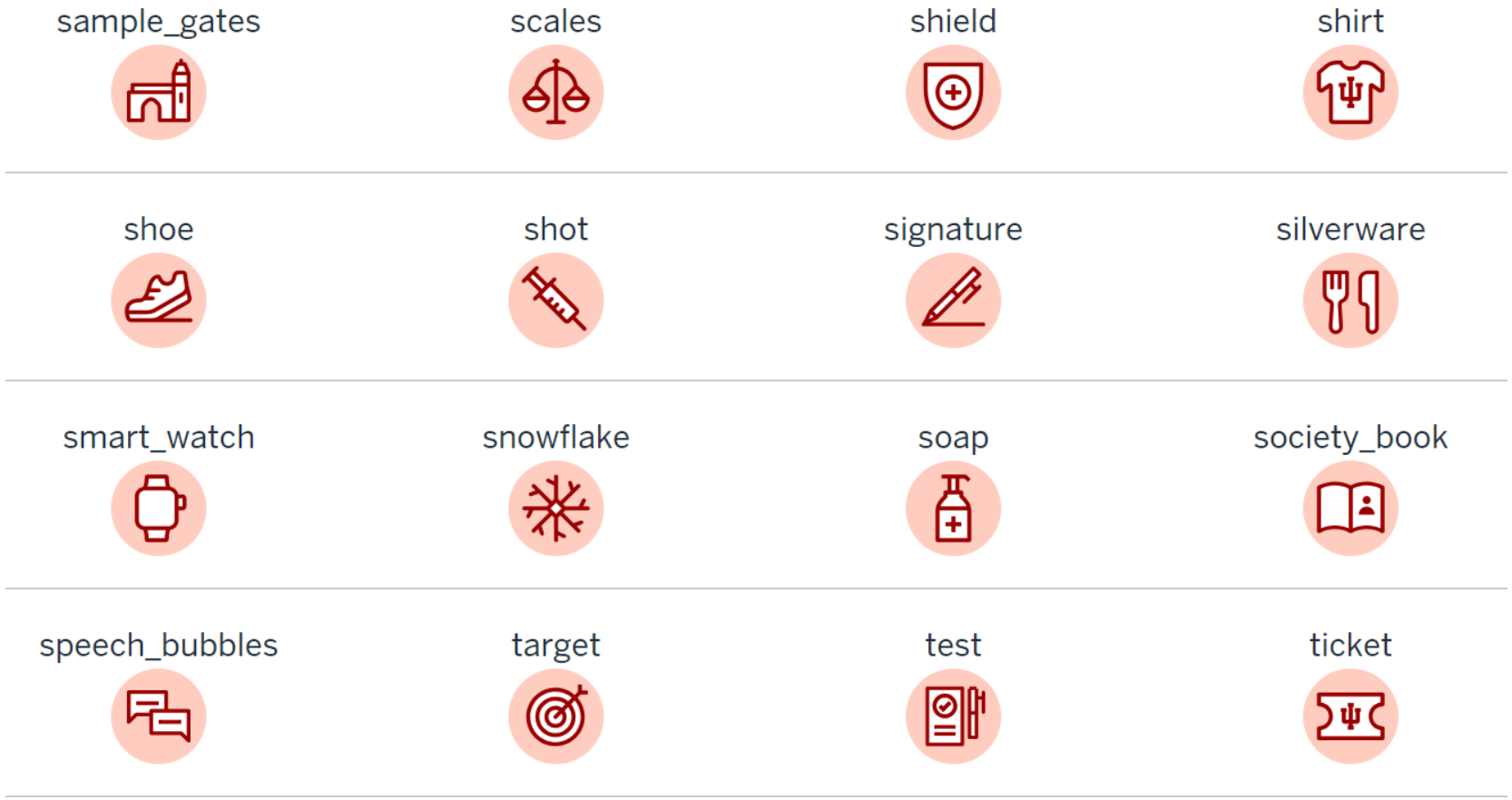
Use this symbol to expand to show plans

Use this symbol to sort by field count(Student)

IU Resources

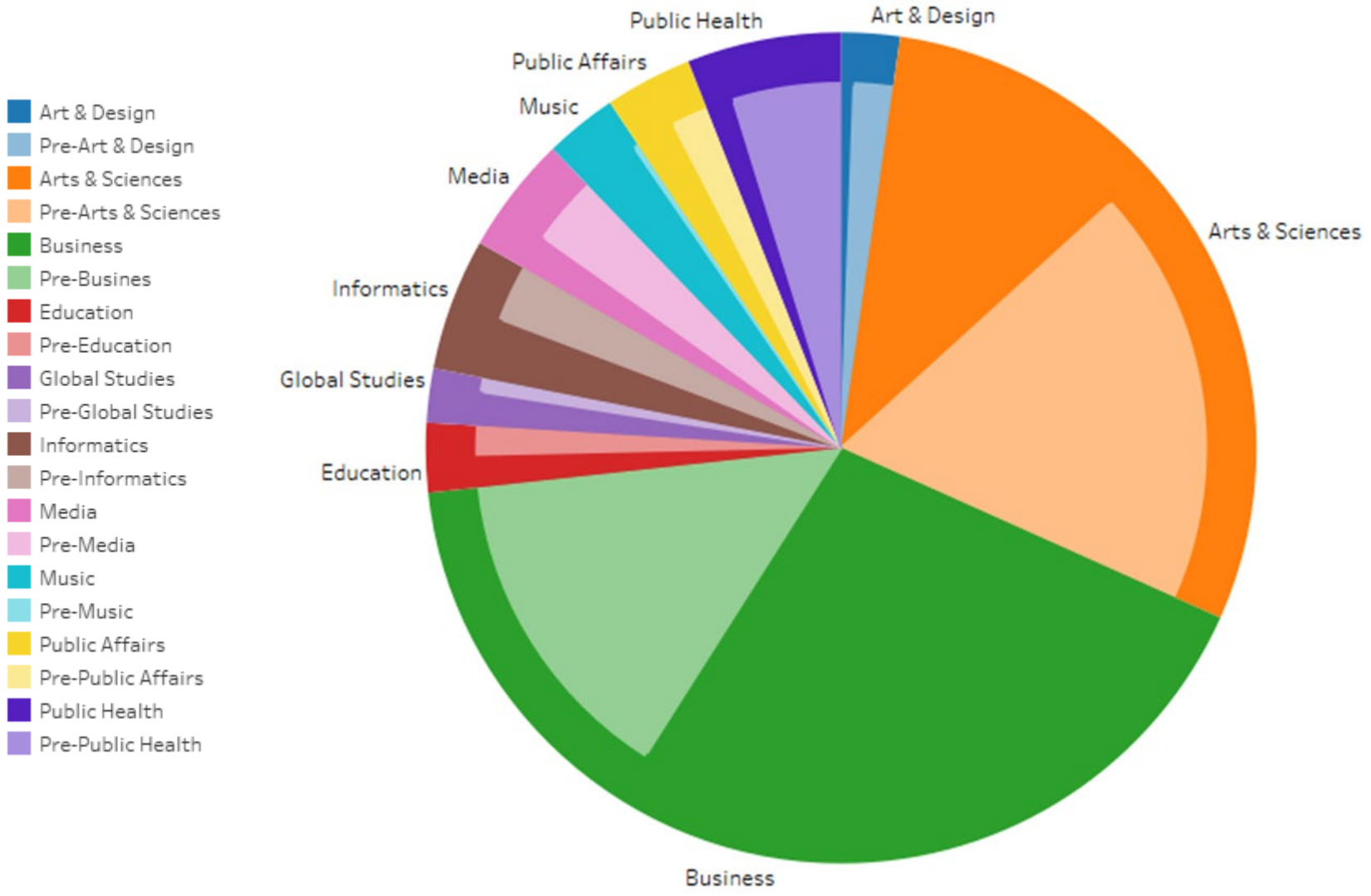
The Rivet design team has created icons for use in IU products:

ssw.iu.edu/stickers/

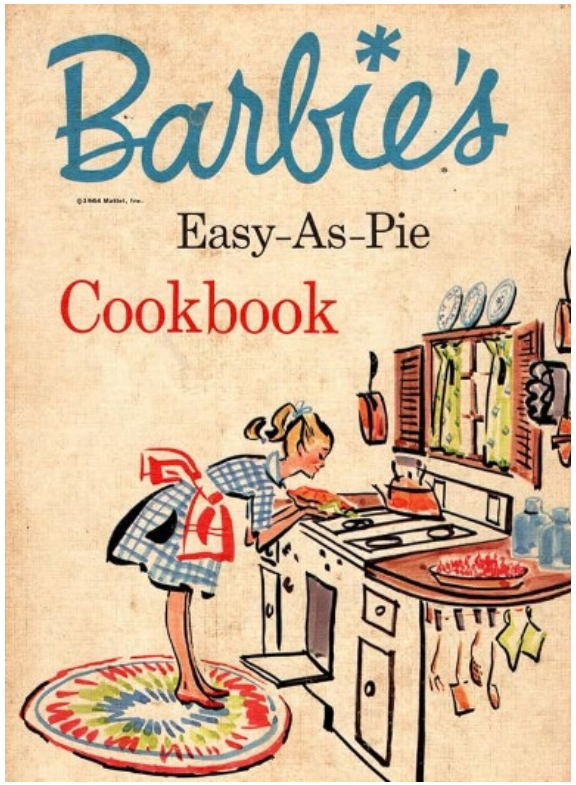


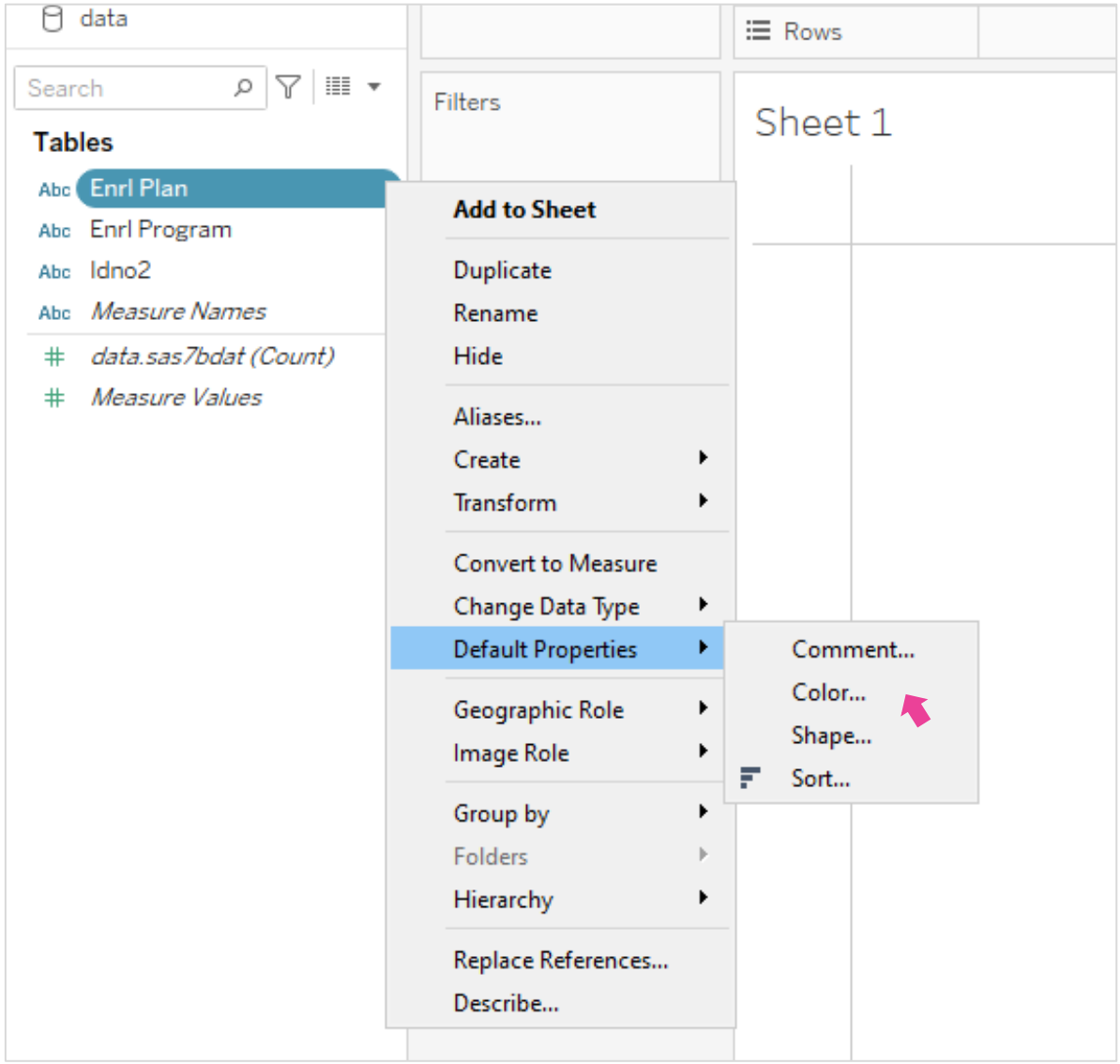
Some Weird Graphs

A Fancy Pie!


Art & Design
Pre-Art & Design
Arts & Sciences
Pre-Arts & Sciences
Business
Pre-Busines
Education
Pre-Education
Global Studies
Pre-Global Studies
Informatics
Pre-Informatics
Media
Pre-Media
Music
Pre-Music
Public Affairs
Pre-Public Affairs
Public Health
Pre-Public Health
Art & Design
Public Health
Public Affairs
Music
Media
Informatics
Global Studies
Education
Arts & Sciences
Business

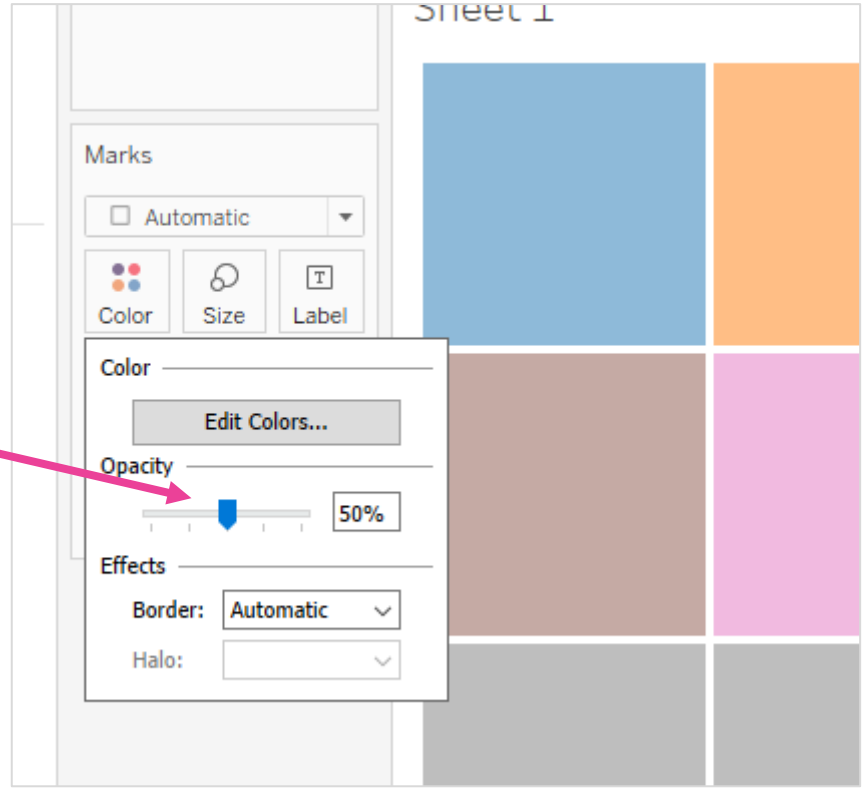
You can set default colors once!

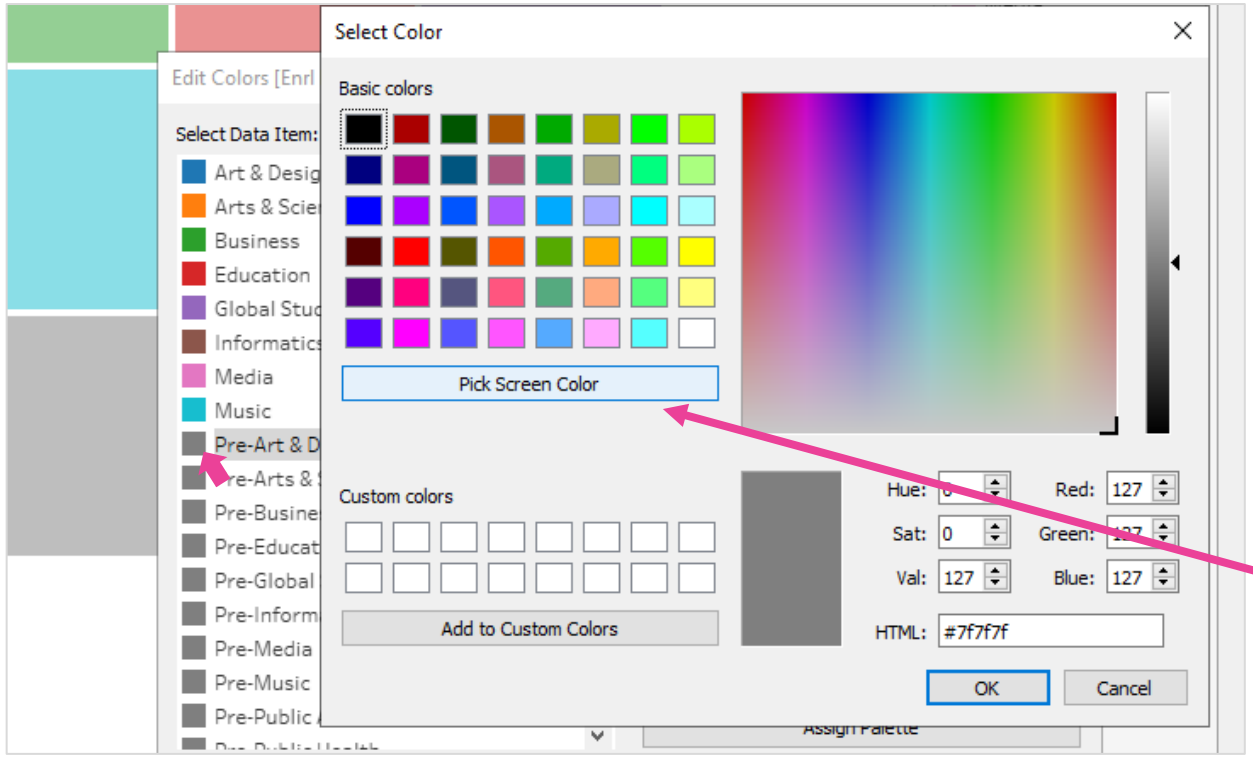




Put your variable on the color card.

Assign your programs to the colors you want and adjust the opacity to 50%



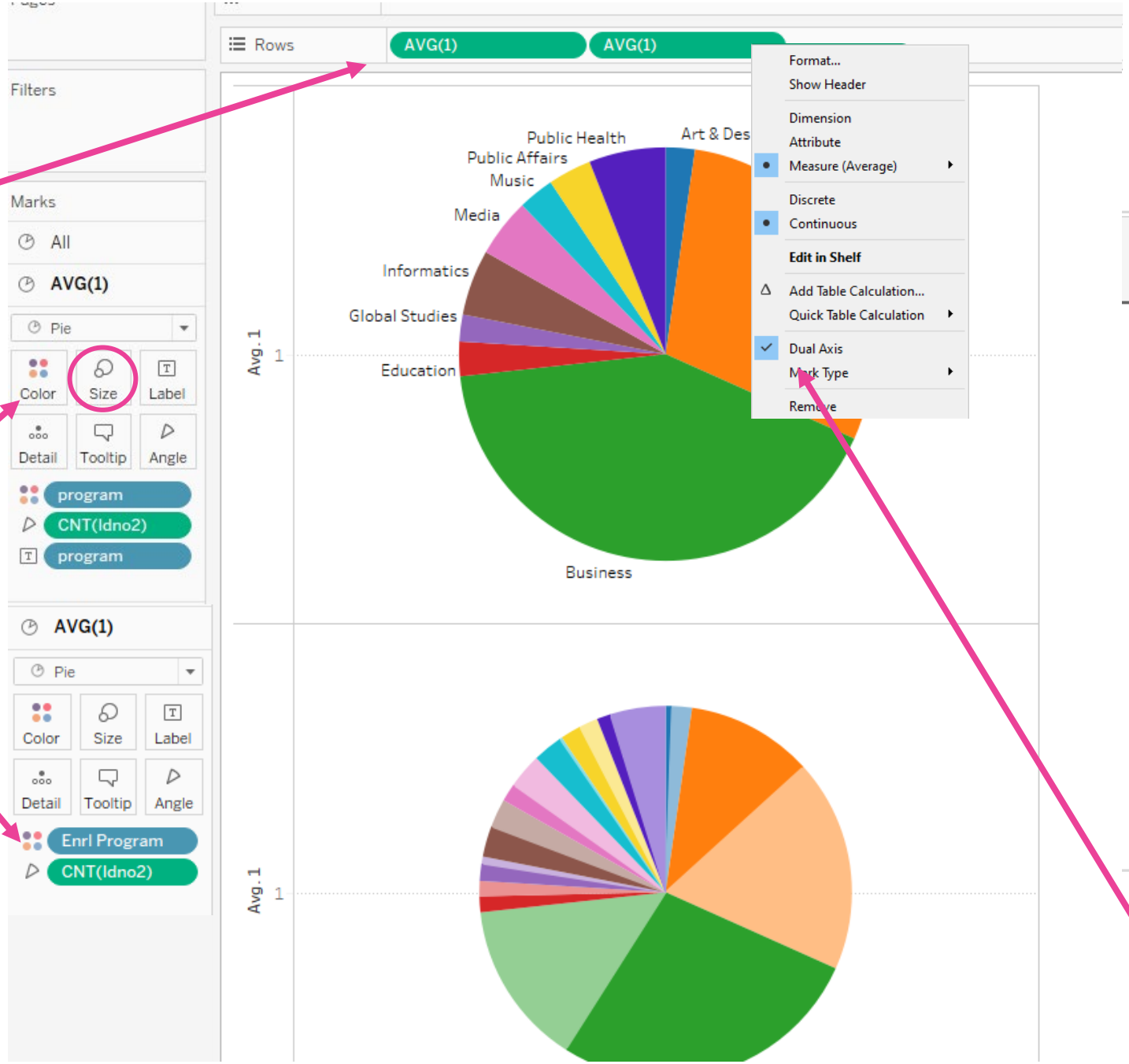


Double click on the pre-major and pick the screen color

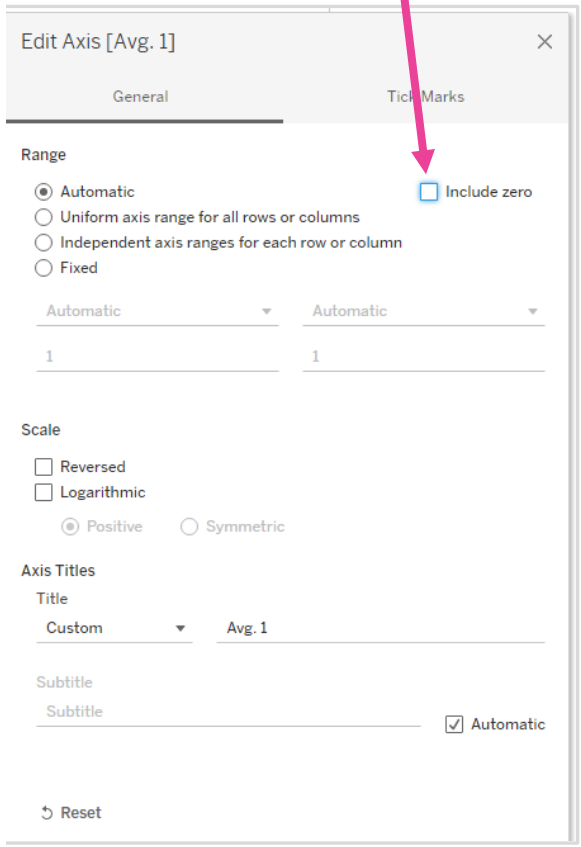
Type AVG(1) on Rows card twice

Put binned variable on first card and original variable on other

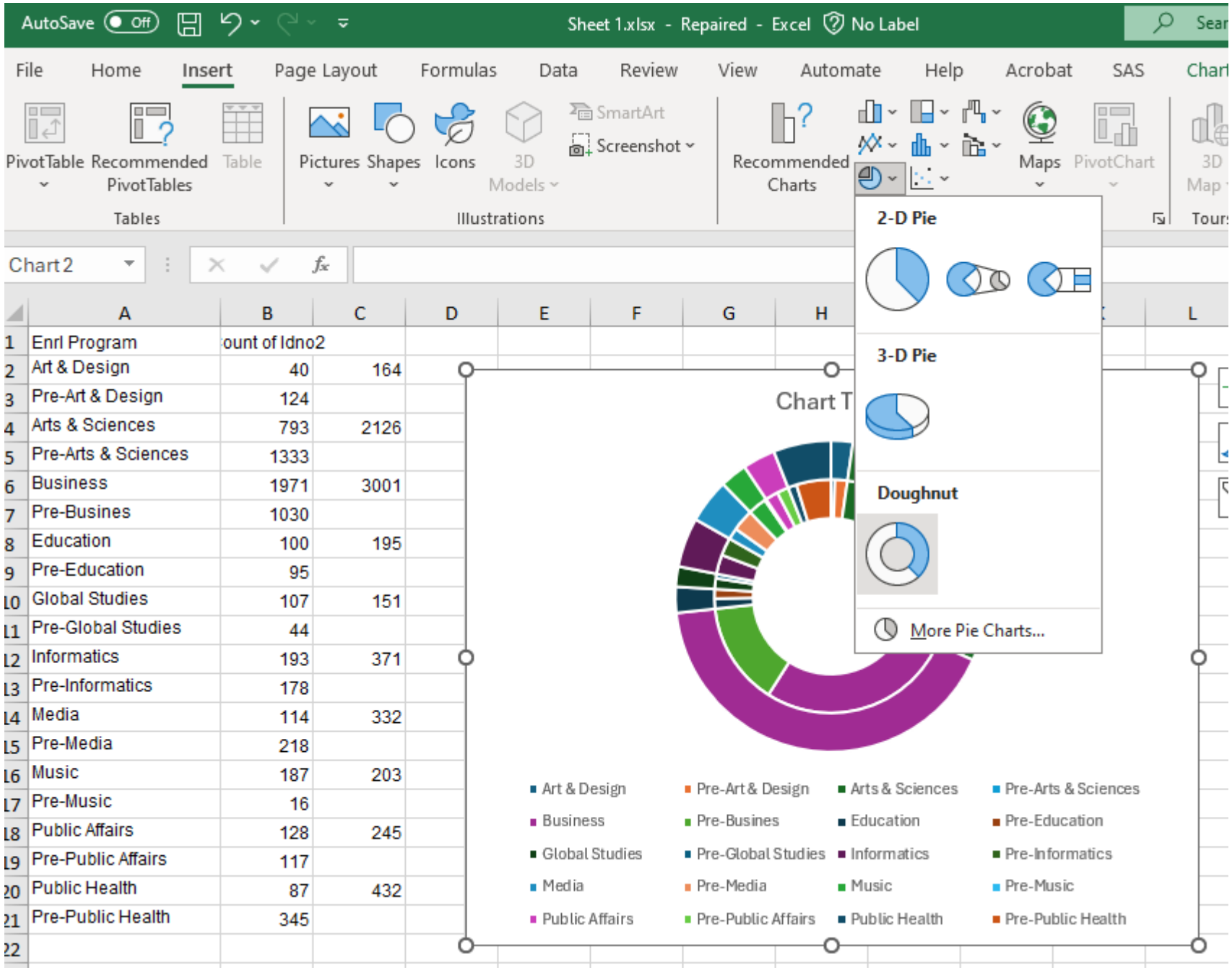
Set the size of top pie larger



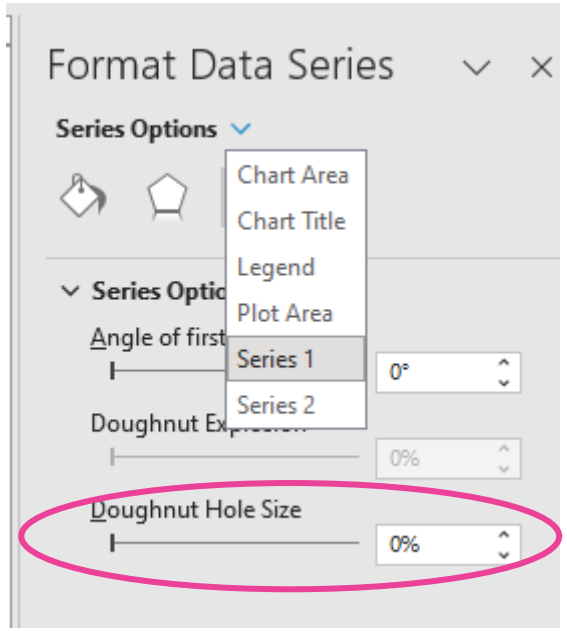
Edit both axis and unclick "Include Zero"

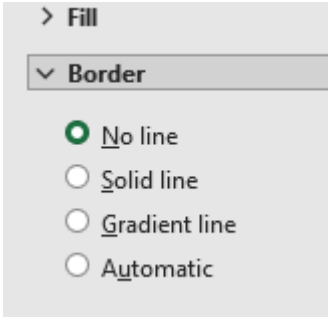


Set rows to dual axis

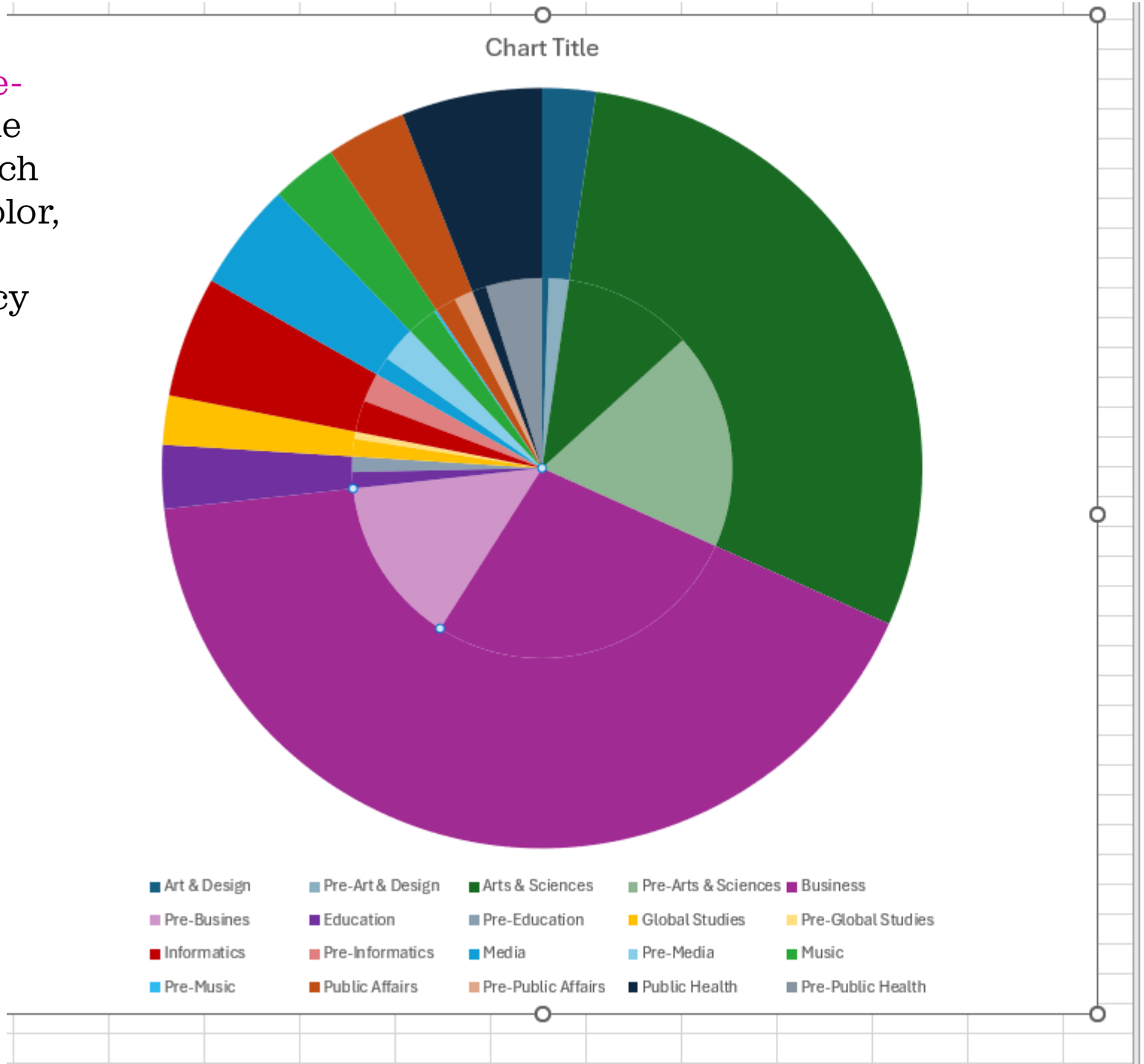


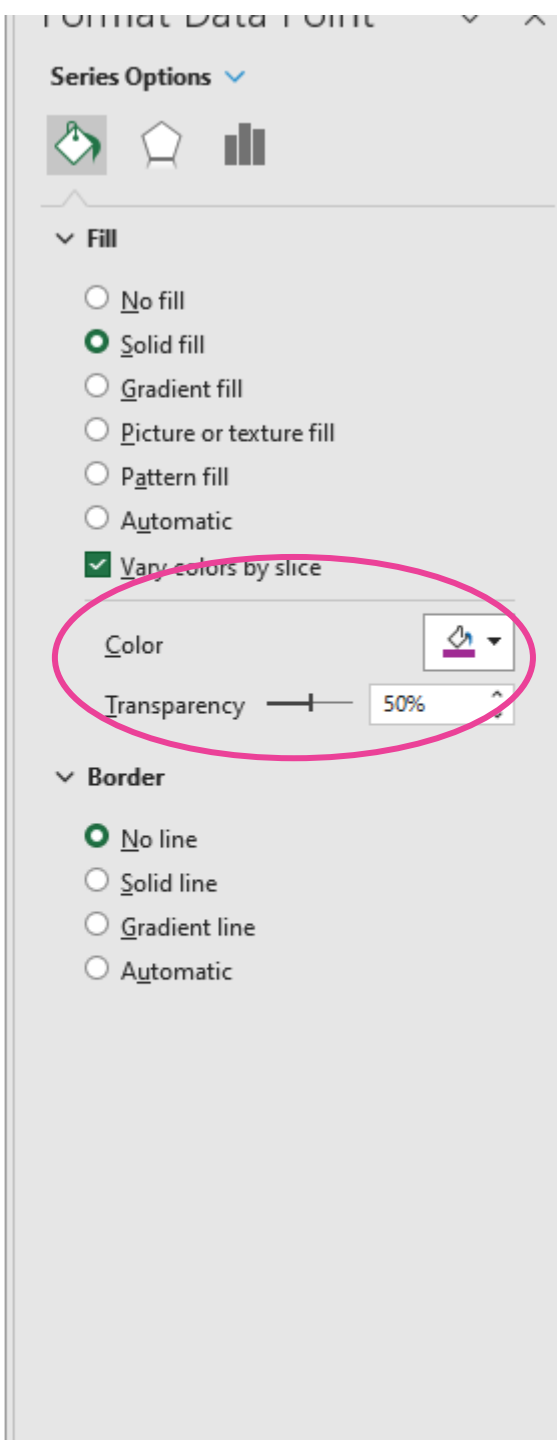
	A	B	C
1	Enrl Program	ount of Idno2	
2	Art & Design	40	164
3	Pre-Art & Design	124	
4	Arts & Sciences	793	2126
5	Pre-Arts & Sciences	1333	
6	Business	1971	3001
7	Pre-Busines	1030	
8	Education	100	195
9	Pre-Education	95	
10	Global Studies	107	151
11	Pre-Global Studies	44	
12	Informatics	193	371
13	Pre-Informatics	178	
14	Media	114	332
15	Pre-Media	218	
16	Music	187	203
17	Pre-Music	16	
18	Public Affairs	128	245
19	Pre-Public Affairs	117	
20	Public Health	87	432
21	Pre-Public Health	345	
22			

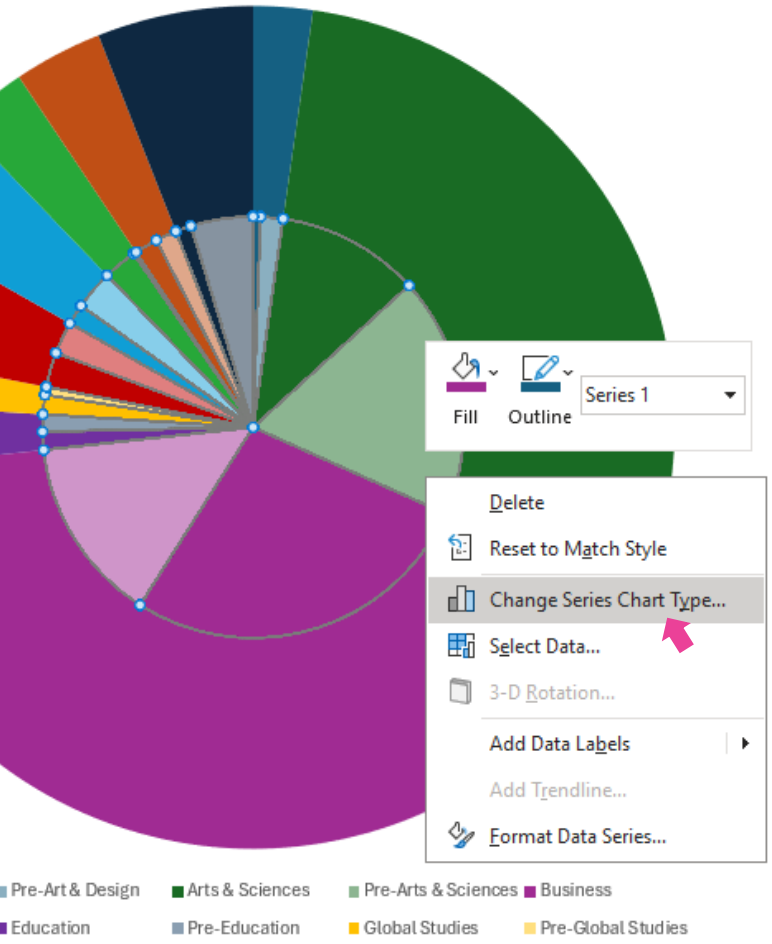


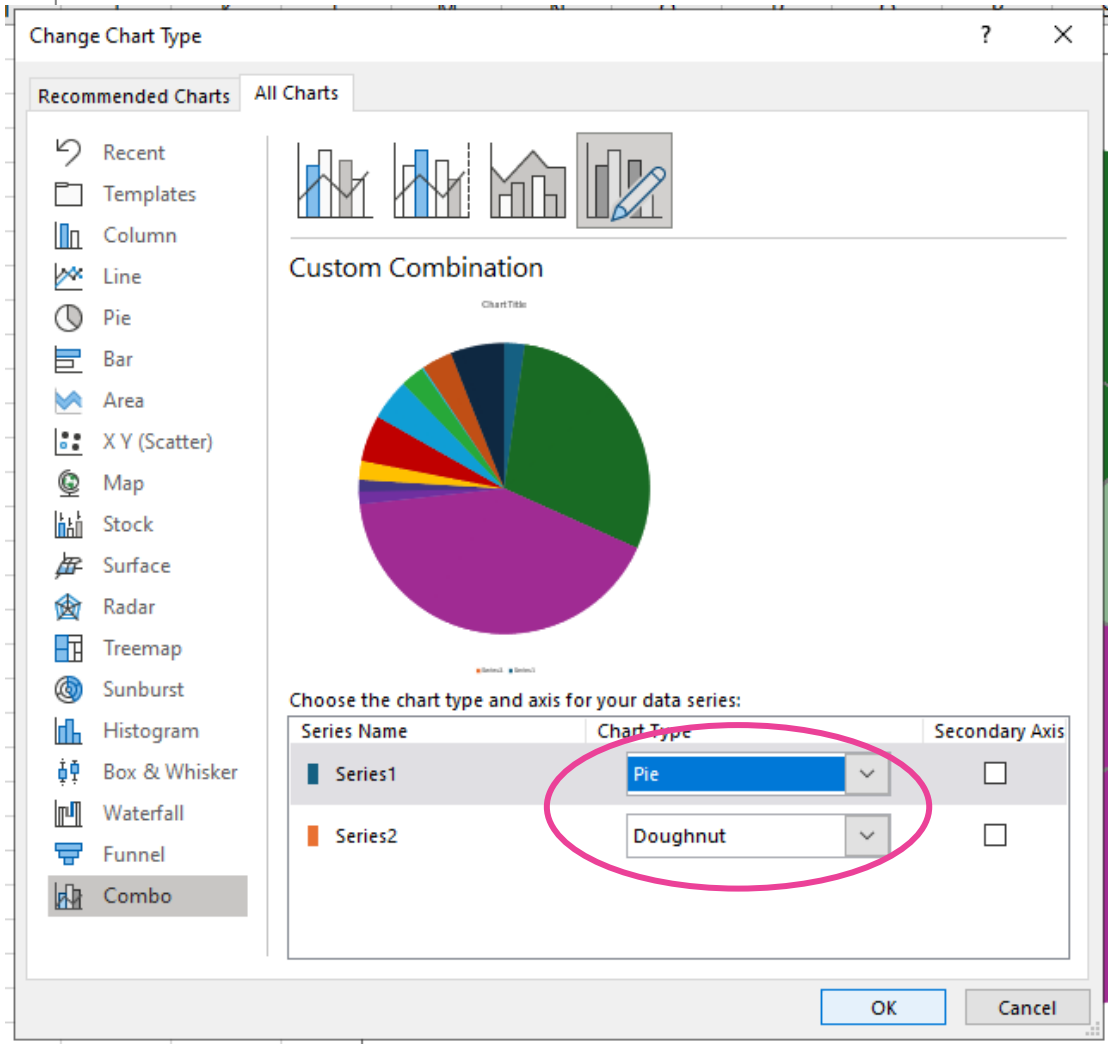


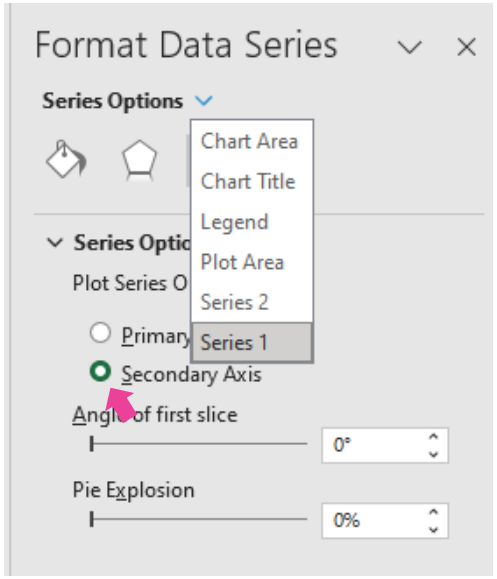
For each pre-major, set the color to match the major color, and set transparency to 50%

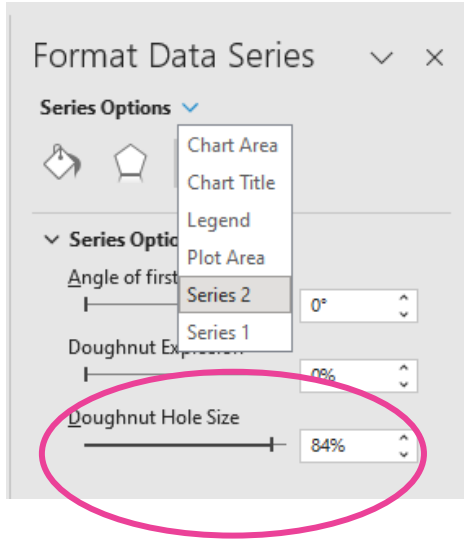


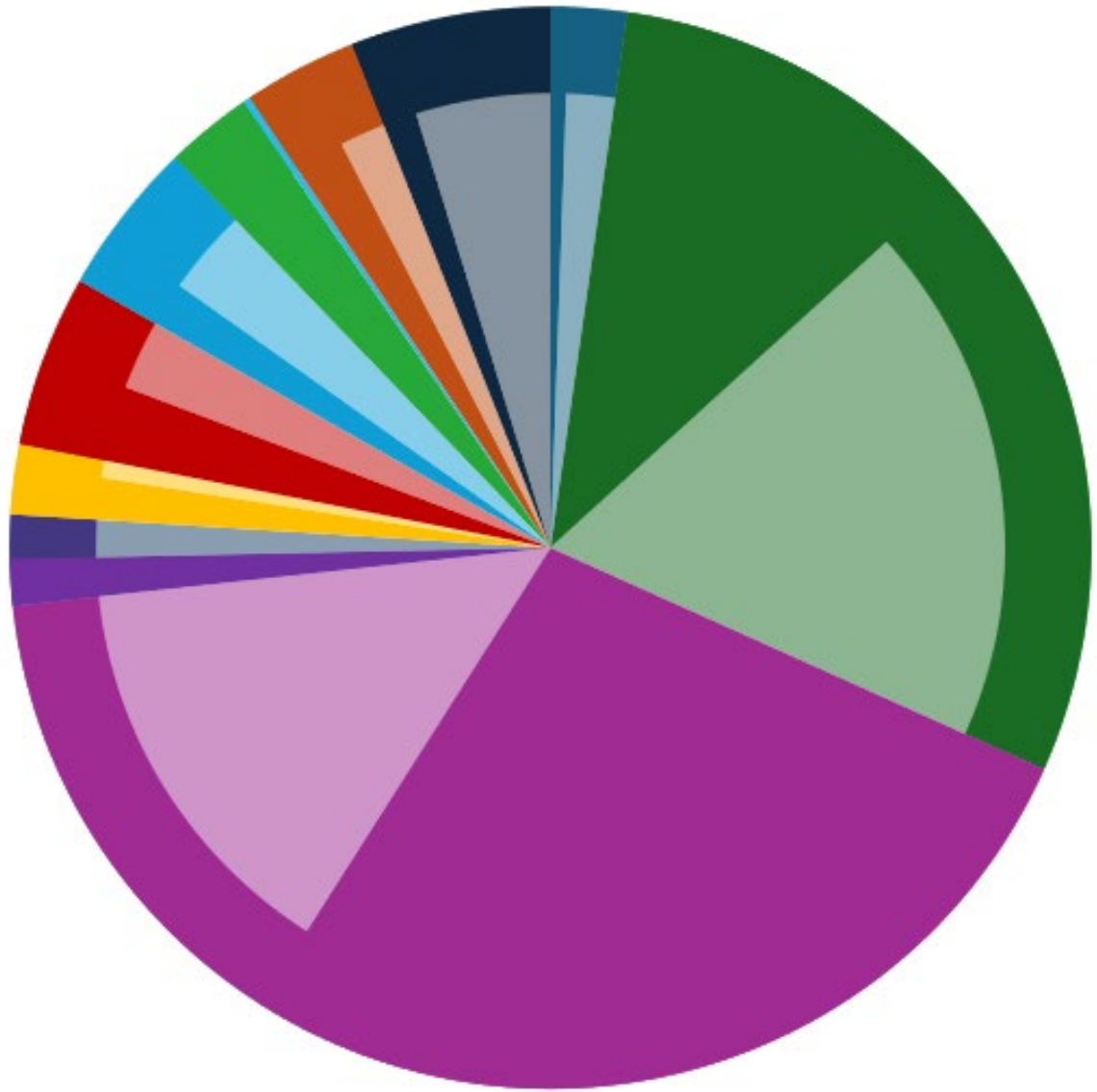



Fill
Outline
Series 1
Delete
Reset to Match Style
Change Series Chart Type...
Select Data...
3-D Rotation...
Add Data Labels
Add Trendline...
Format Data Series...
Pre-Art & Design
Arts & Sciences
Pre-Arts & Sciences
Business
Education
Pre-Education
Global Studies
Pre-Global Studies


Change Chart Type
Recommended Charts
All Charts
Recent
Templates
Column
Line
Pie
Bar
Area
X Y (Scatter)
Map
Stock
Surface
Radar
Treemap
Sunburst
Histogram
Box & Whisker
Waterfall
Funnel
Combo
Custom Combination
Choose the chart type and axis for your data series:
Series Name
Chart Type
Secondary Axis
Series1
Pie
Series2
Doughnut
OK
Cancel

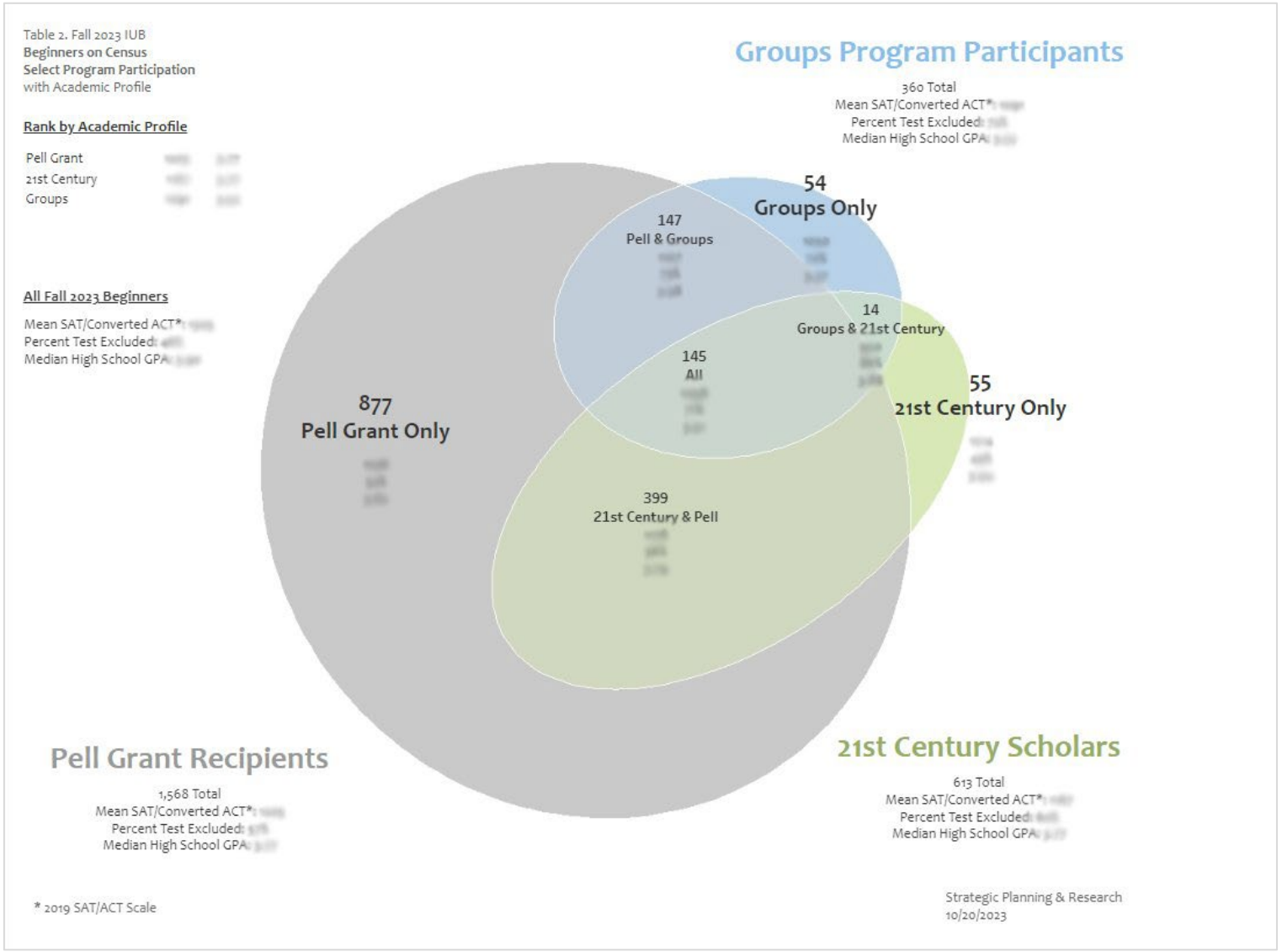

Format Data Series
Series Options
Chart Area
Chart Title
Legend
Plot Area
Series 2
Series 1
Plot Series O
Primary
Secondary Axis
Angle of first slice
0°
Pie Explosion
0%


Format Data Series
Series Options
Chart Area
Chart Title
Legend
Plot Area
Series 2
Series 1
Angle of first
0°
Doughnut Hole Size
84%



Venn Diagram drawn to scale (Euler)

Text is on floating transparent worksheets



The scaled Venn diagram can easily be created in R! We'll give you the code!

```
55  library(eulerr)
56  library(grid)
57
58  # Here's an example of the format.
59  # Numbers indicate number of items in THAT SECTION of the Venn. NOT total number for that category.
60  # Names must appear the same way in the individual section as in the union section (ex. HHSP HHSP&...)
61
62  data=euler(c("HHSP"=478, "21st"=430, "Groups"=134, "HHSP&21st"=70,
63               "21st&Groups"=128, "Groups&HHSP"=30, "HHSP&21st&Groups"=27),
64             shape="ellipse")
65
66  grid.newpage()          # Starts you off with a clean slate
67
68  plot(data, quantities=T,  fill=c("#e8d0b7", "#d9e8b7", "#b7d1e8"), col="white", labels=list(font=7))
69  # quantities=T prints numbers in circles.  Fill colors can be hexidecimal.  col= determines outline color
70  # labels determines bold/italics/etc and can define size of font
71
72  grid.newpage()
73  plot(data,  fill=c("#e8d0b7", "#d9e8b7", "#b7d1e8"), col="white", labels=c("","",""))
74  # This will create circles with no text.  Can also specify labels as something other than
75  # original labels
76
77
78
```

71:1 (Untitled)

RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Go to file/function | Addins | Project: (None)

IPEDS.R | ven22code.R | VennTemplate.R | README

Source on Save | Run | Source

```
54
55  library(eulerr)
56  library(grid)
57
58  # Here's an example of the format.
59  # Numbers indicate number of items in THAT SECTION of the Venn. NOT total number for that category.
60  # Names must appear the same way in the individual section as in the union section (ex. HHSP HHSP&...)
61
62  data=euler(c("HHSP"=478, "21st"=430, "Groups"=134, "HHSP&21st"=70,
63               "21st&Groups"=128, "Groups&HHSP"=30, "HHSP&21st&Groups"=27),
64             shape="ellipse")
65
66  grid.newpage()          # Starts you off with a clean slate
67
68  plot(data, quantities=T,  fill=c("#e8d0b7", "#d9e8b7", "#b7d1e8"), col="white", labels=list(font=7))
69  # quantities=T prints numbers in circles.  Fill colors can be hexidecimal.  col= determines outline color
70  # labels determines bold/italics/etc and can define size of font
71
72  grid.newpage()
73  plot(data,  fill=c("#e8d0b7", "#d9e8b7", "#b7d1e8"), col="white", labels=c("","",""))
74  # This will create circles with no text.  Can also specify labels as something other than
75  # original labels
76
77
78
```

71:1 (Untitled) R Script

Console | Terminal | Jobs

R 4.1.2 · ~/

```
R version 4.1.2 (2021-11-01) -- "Bird Hippie"
Copyright (C) 2021 The R Foundation for Statistical Computing
Platform: x86_64-w64-mingw32/x64 (64-bit)

R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> library(eulerr)
Warning message:
package 'eulerr' was built under R version 4.1.3
> library(grid)
> data=euler(c("HHSP"=478, "21st"=430, "Groups"=134, "HHSP&21st"=70,
+              "21st&Groups"=128, "Groups&HHSP"=30, "HHSP&21st&Groups"=27),
+            shape="ellipse")
>
> grid.newpage()          # Starts you off with a clean slate
>
> plot(data, quantities=T,  fill=c("#e8d0b7", "#d9e8b7", "#b7d1e8"), col="white", labels=list(font=7))
>
```

Environment | History | Connections | Tutorial

Import Dataset | 145 MiB | List

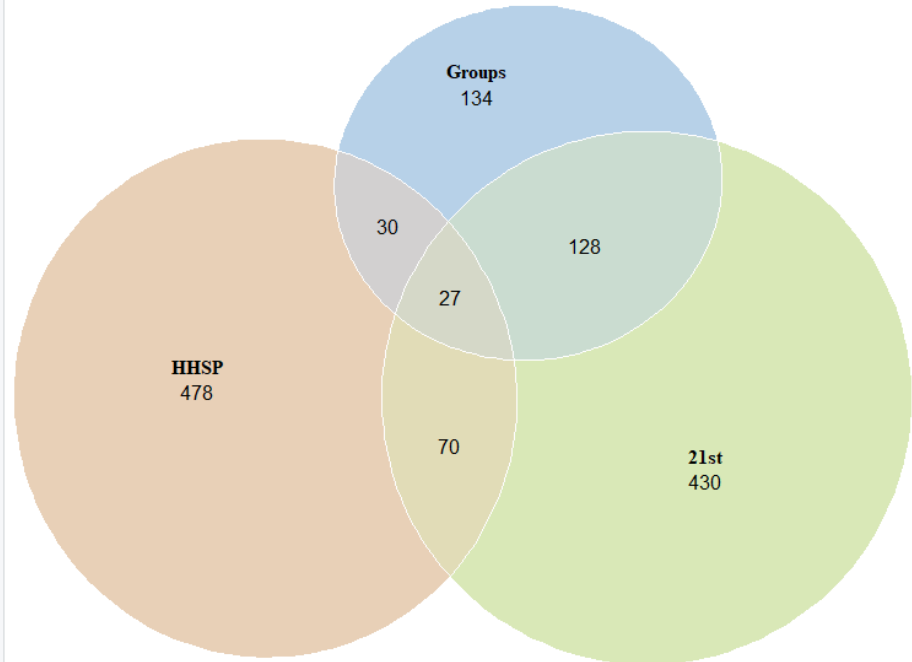
R | Global Environment

Data

Files | Plots | Packages | Help | Viewer

Zoom | Export | Publish

Save as Image...
Save as PDF...
Copy to Clipboard...



```
 in THAT SECTION of the Venn. NOT total number for that category.
 the individual section as in the union section (ex. HHSP HHSP&...)

), "Groups"=134, "HHSP&21st"=70,
oups&HHSP"=30, "HHSP&21st&Groups"=27, "Pell"=78, "Pell&21st"=333, "Pell&21st&Groups"=130,
ell&HHSP"=98, "Pell&HHSP&21st"=63, "Pell&HHSP&21st&Groups"=51, "Pell&HHSP&Groups"=30),


ou off with a clean slate

e8d0b7", "#d9e8b7", "#b7d1e8", "#caa4e0"), col="white", labels=list(font=7))
rcles.  Fill colors can be hexidecimal.  col= determines outline color
c and can define size of font


e8b7", "#b7d1e8",  "#caa4e0"), col="white", labels=c("","",""))
 text.  Can also specify labels as something other than
```

R Script

```
&HHSP"=30, "HHSP&21st&Groups"=27, "Pell"=78, "Pell&21st"=333, "Pell&21st&Groups"=130,
HHSP"=98, "Pell&HHSP&21st"=63, "Pell&HHSP&21st&Groups"=51, "Pell&HHSP&Groups"=30),


f with a clean slate

0b7", "#d9e8b7", "#b7d1e8", "#caa4e0"), col="white", labels=list(font=7))
es.  Fill colors can be hexidecimal.  col= determines outline color
nd can define size of font
roups"=134, "HHSP&21st"=70,
&HHSP"=30, "HHSP&21st&Groups"=27, "Pell"=78, "Pell&21st"=333, "Pell&21st&Groups"=130,
HHSP"=98, "Pell&HHSP&21st"=63, "Pell&HHSP&21st&Groups"=51, "Pell&HHSP&Groups"=30),


f with a clean slate

0b7", "#d9e8b7", "#b7d1e8", "#caa4e0"), col="white", labels=list(font=7))
es.  Fill colors can be hexidecimal.  col= determines outline color
nd can define size of font
roups"=134, "HHSP&21st"=70,
&HHSP"=30, "HHSP&21st&Groups"=27, "Pell"=78, "Pell&21st"=333, "Pell&21st&Groups"=130,
HHSP"=98, "Pell&HHSP&21st"=63, "Pell&HHSP&21st&Groups"=51, "Pell&HHSP&Groups"=30),


f with a clean slate

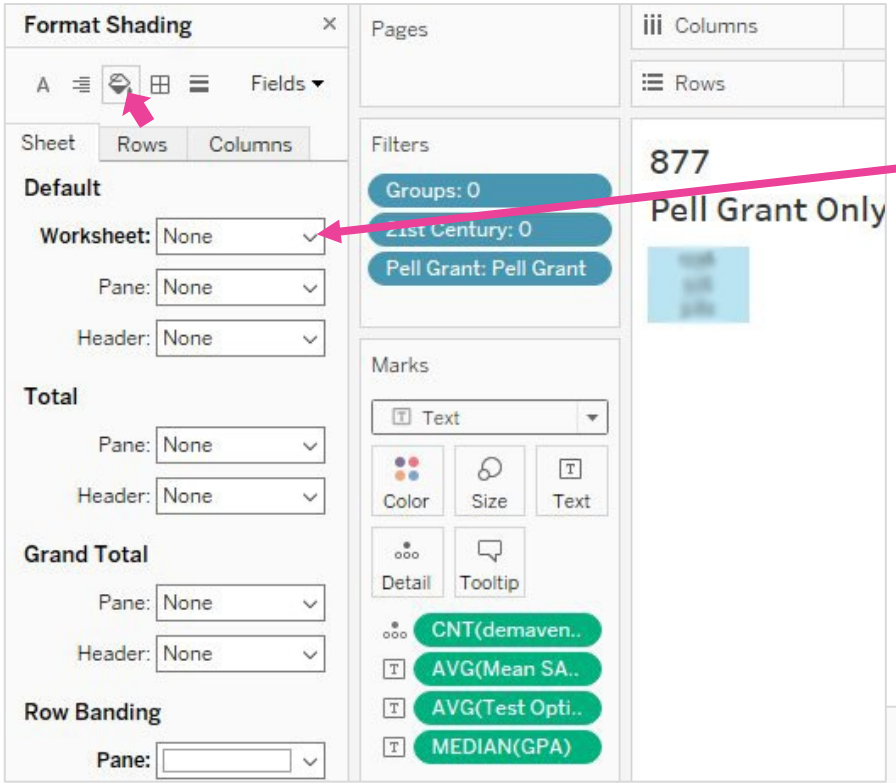
0b7", "#d9e8b7", "#b7d1e8", "#caa4e0"), col="white", labels=list(font=7))
es.  Fill colors can be hexidecimal.  col= determines outline color
nd can define size of font
```

Data

Files | Plots | Packages | Help | Viewer

Zoom | Export | Publish

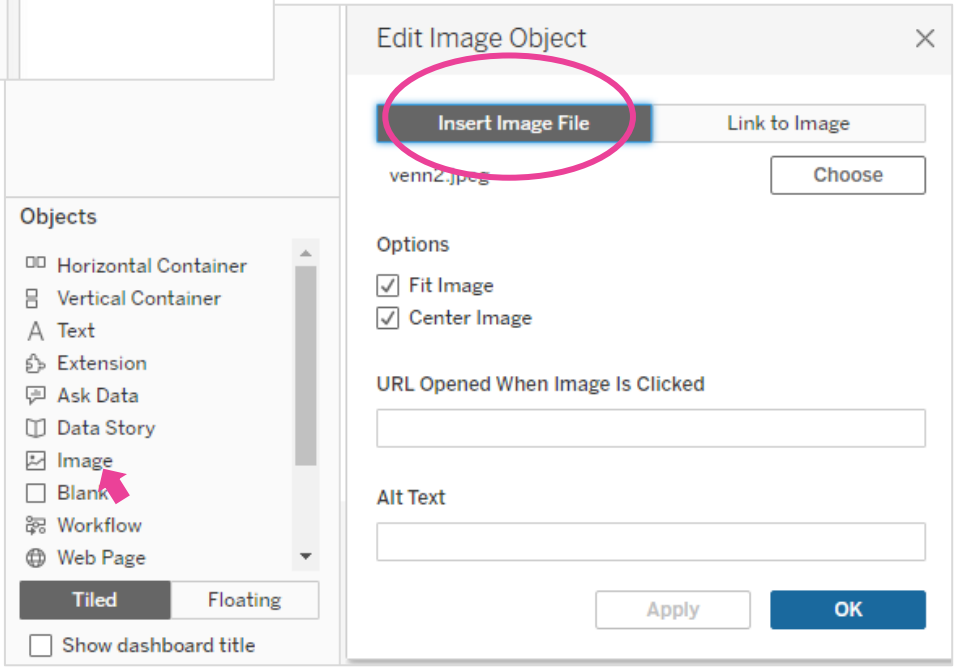
- Save as Image...
- Save as PDF...
- Copy to Clipboard...

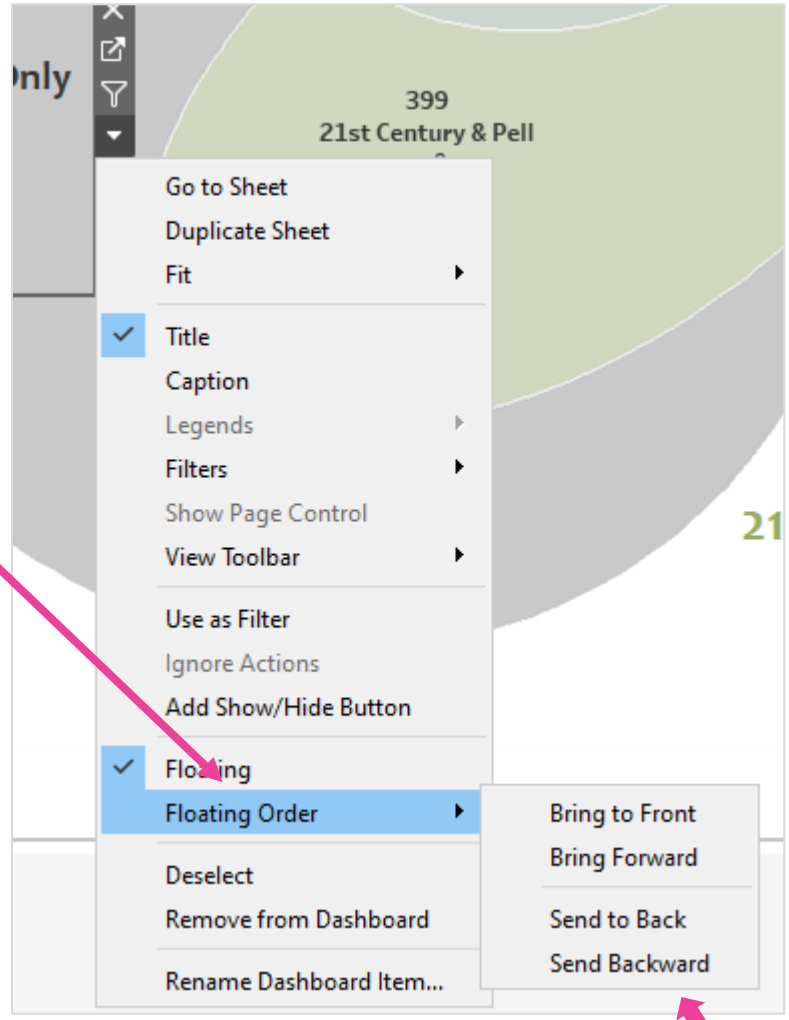


Create a worksheet for each piece of text and make sure they have no background color

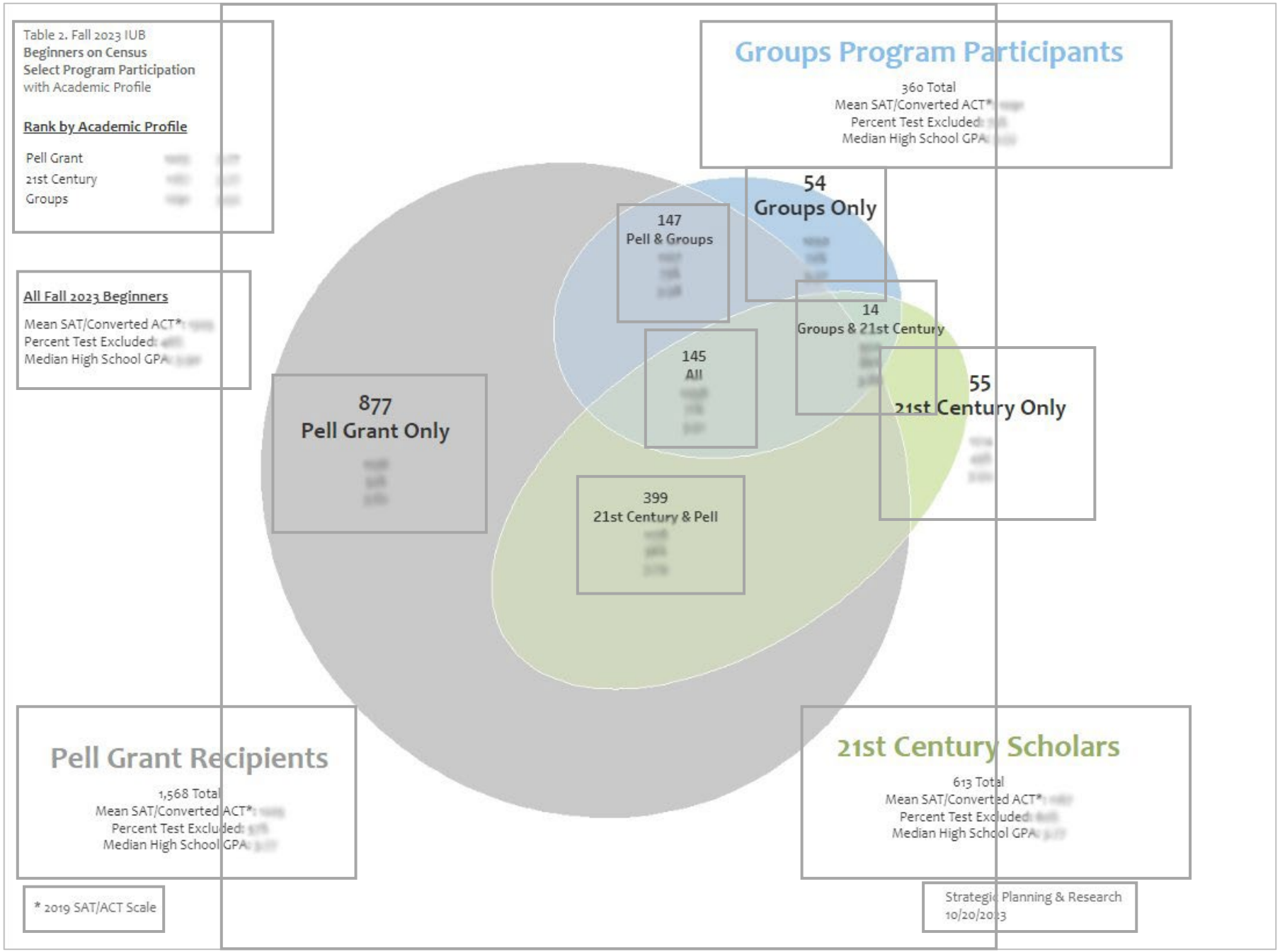
Add the Venn image and floating worksheets to your dashboard

Adjust the order to put the image behind the text.





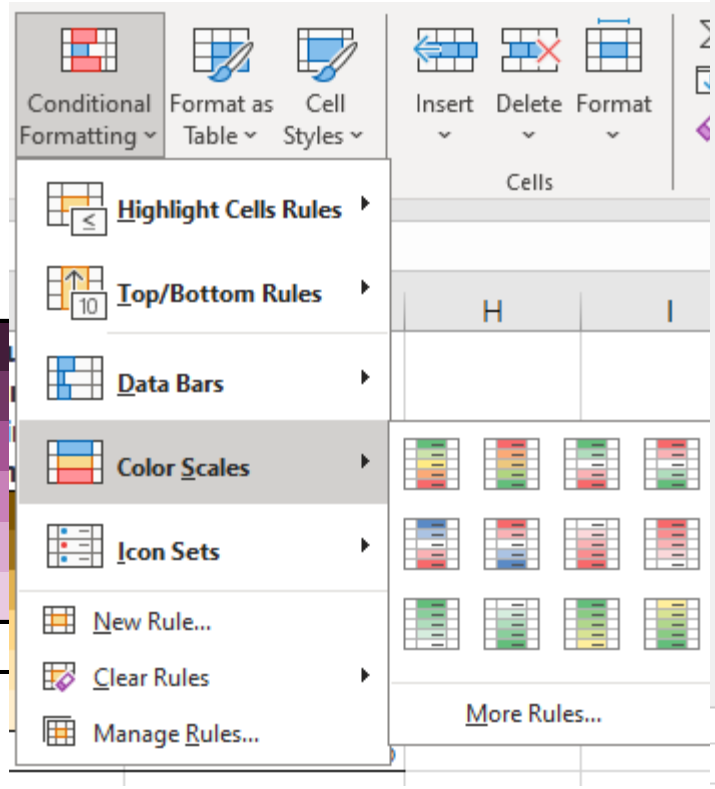
Type **g** to see a grid while arranging your dashboard!

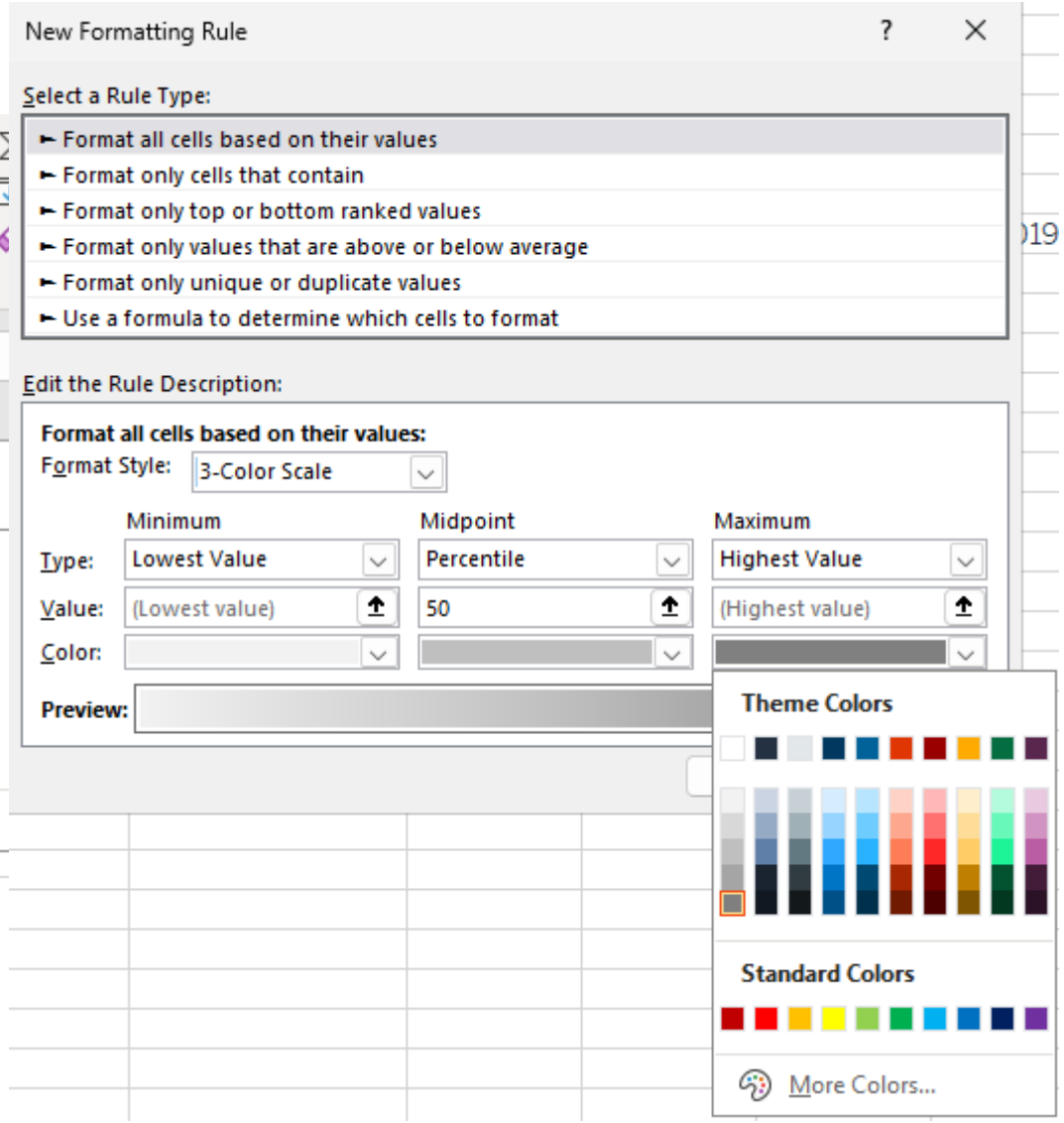


Conditional Formatting

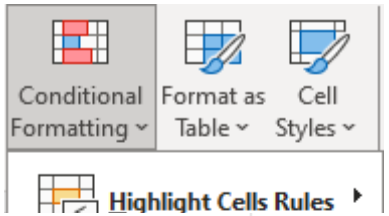
Excel – Colors

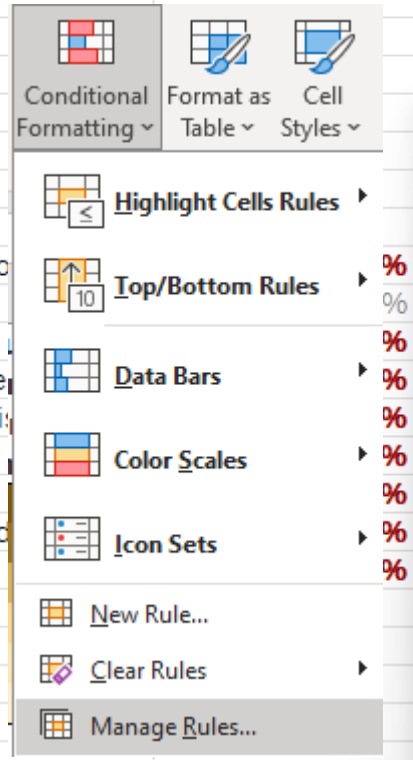
Number of Incoming Credits	Enrolled Students
30+	9,904
15-29	19,733
10-14	11,639
5-9	18,349
1-4	10,160
0 or Unknown	29,781
Grand Total	99,566

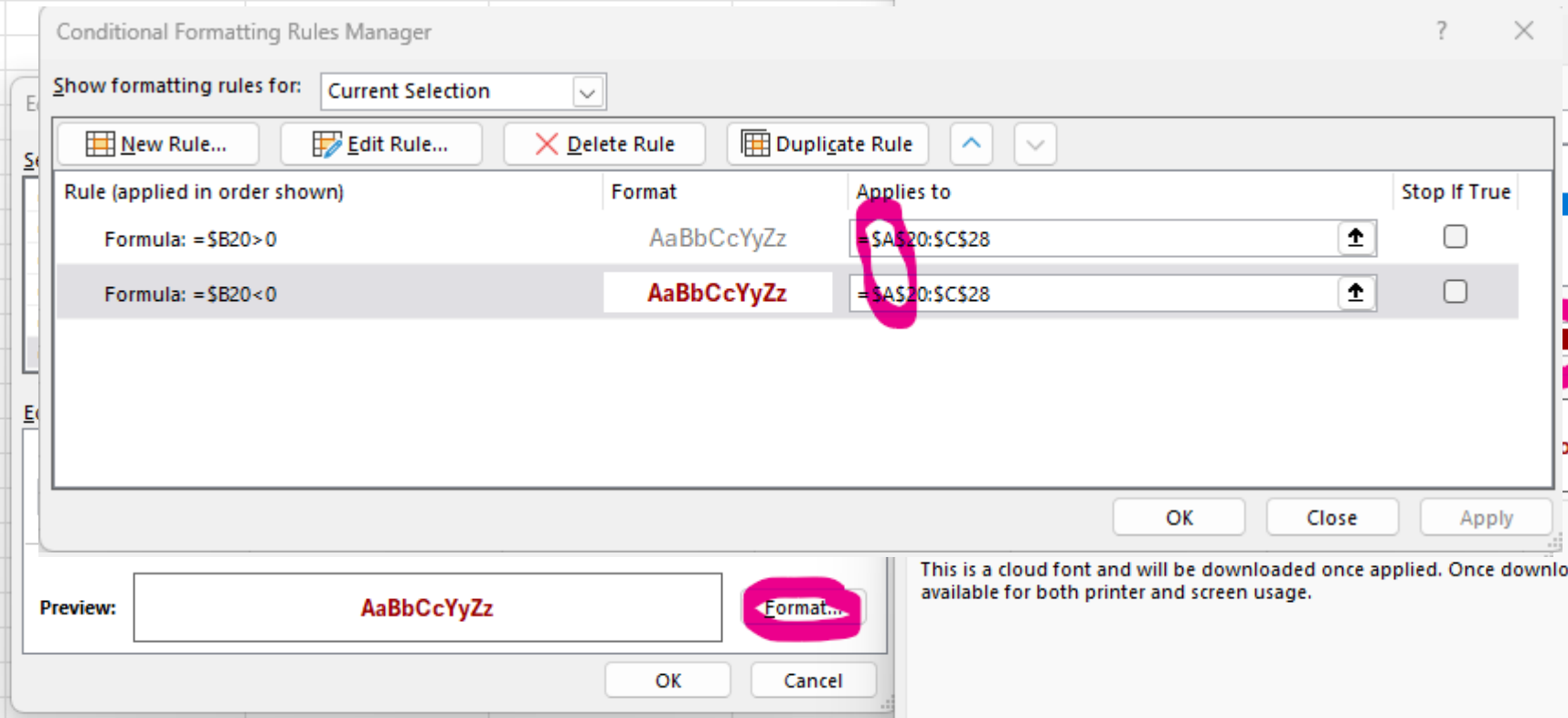


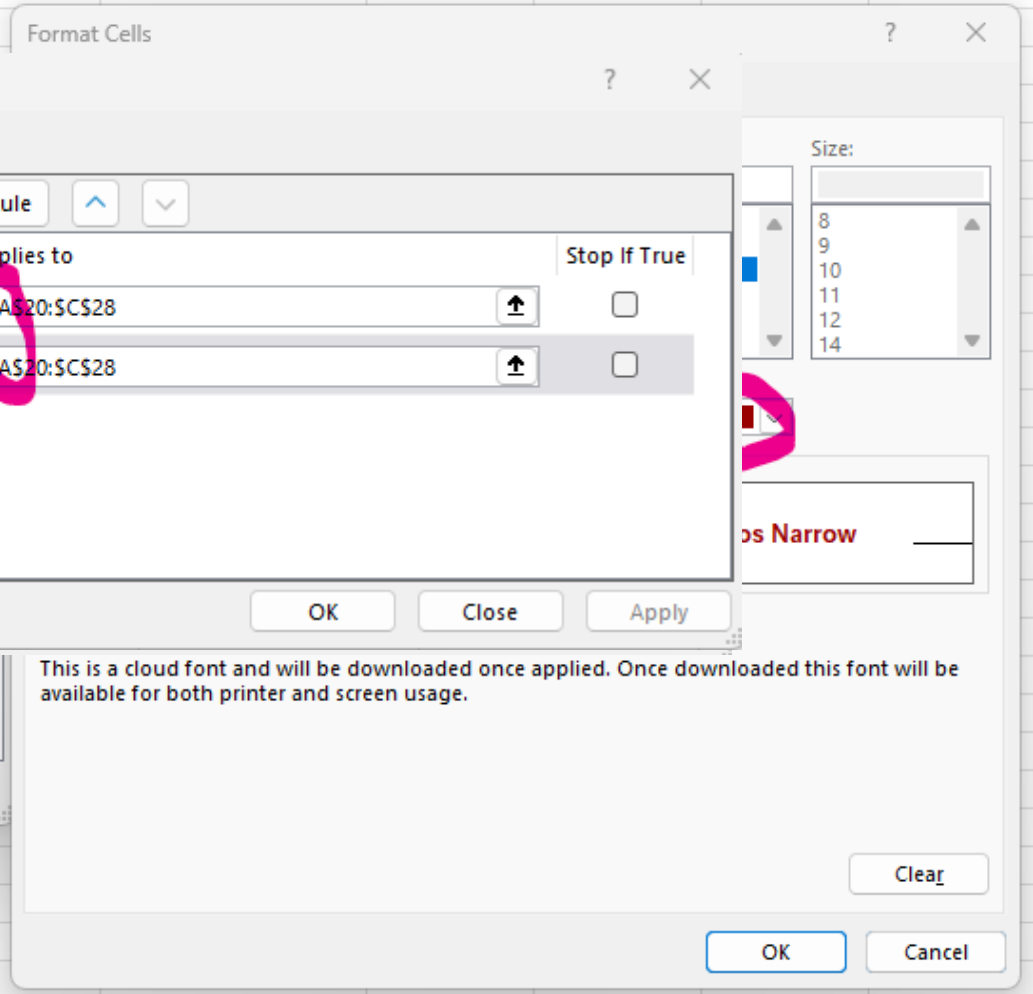


Excel – Fonts


Conditional Formatting
Format as Table
Cell Styles
Highlight Cells Rules


Conditional Formatting
Format as Table
Cell Styles
Highlight Cells Rules
Top/Bottom Rules
Data Bars
Color Scales
Icon Sets
New Rule...
Clear Rules
Manage Rules...


Conditional Formatting Rules Manager
Show formatting rules for: Current Selection
New Rule...
Edit Rule...
Delete Rule
Duplicate Rule
Rule (applied in order shown)
Format
Applies to
Stop If True
Formula: =$B20>0
AaBbCcYyZz
=$A$20:$C$28
Formula: =$B20<0
AaBbCcYyZz
=$A$20:$C$28
OK
Close
Apply
Preview:
AaBbCcYyZz
Format...
OK
Cancel


Format Cells
Size:
8
9
10
11
12
14
This is a cloud font and will be downloaded once applied. Once downloaded this font will be available for both printer and screen usage.
Clear
OK
Cancel

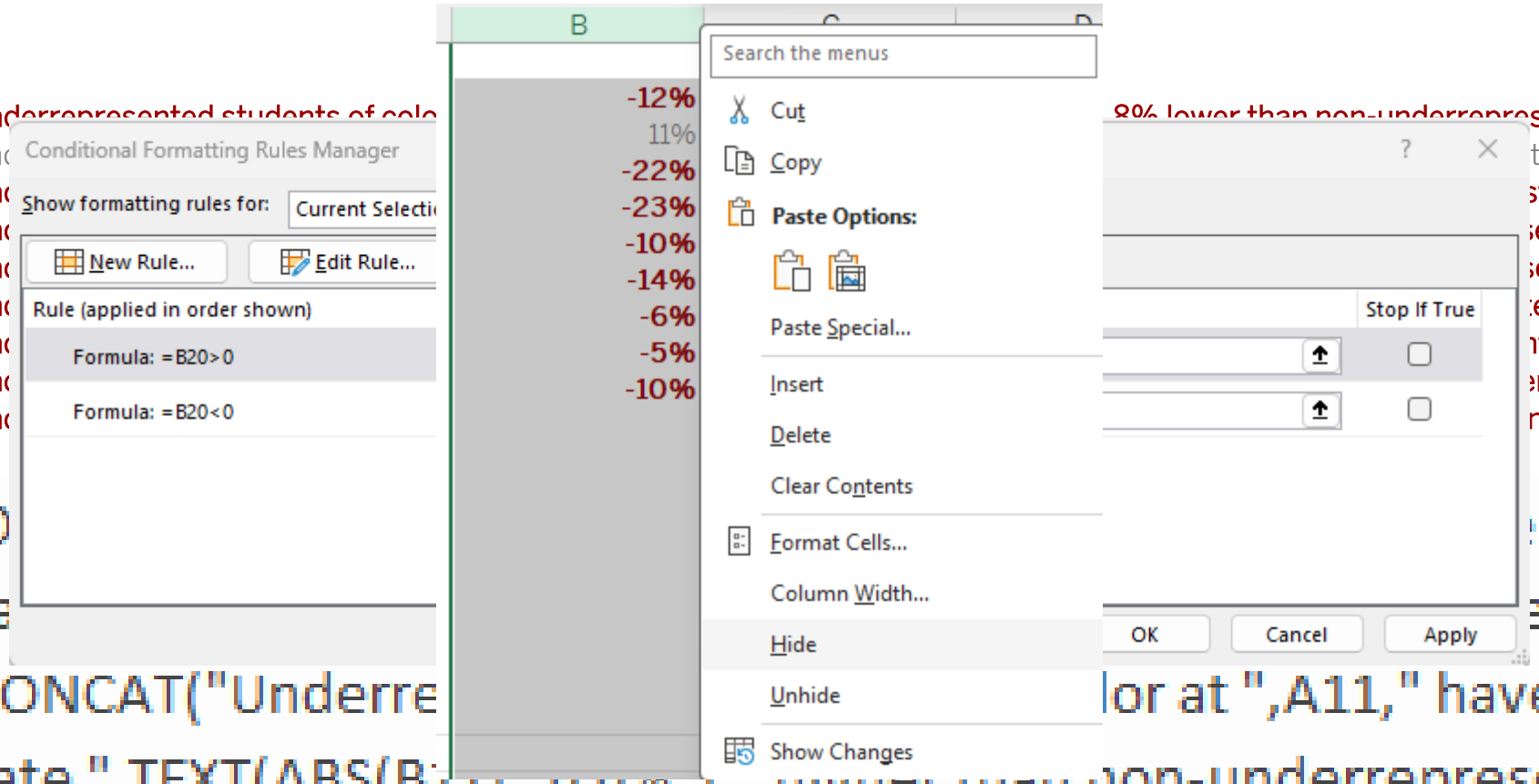
Excel – Fonts

Bloomington	-11.80%
Columbus	11.10%
East	-22.30%
Fort Wayne	-22.90%
Indianapolis	-10.10%
Kokomo	-13.60%
Northwest	-6.20%
South Bend	-4.70%
Southeast	-10.10%

Bloomington	-12%
Columbus	11%
East	-22%
Fort Wayne	-23%
Indianapolis	-10%
Kokomo	-14%
Northwest	-6%
South Bend	-5%
Southeast	-10%

Excel – Fonts

Bloomington
Columbus
East
Fort Wayne
Indianapolis
Kokomo
Northwest
South Bend
Southeast




```
=IF(B11<0,CO                                                    a 4-Year
graduation ra                                                   ented
students"),CONCAT("Underre                                      lor at ",A11," have a 4-Year
graduation rate ",TEXT(ABS(B11),"0.0%"),"higher than non-underrepresented
students"))
```

Tableau- Colors

Number of Incoming Credits	Enrolled Students	Median First Yr IU GPA	Avg. IU Retention to the Second Year (Full Time Students)	Avg. Ret. to any NSC Inst. for a 2nd Year (Full Time Students)	Avg. IU Four Year Graduation Rate (Full Time Students)	Avg. IU Six Year Graduation Rate (Full Time Students)
30+	10,788	3.74	95%	98%	83%	91%
15-29	22,415	3.57	94%	98%	79%	87%
10-14	9,459	3.41	92%	97%	72%	83%
5-9	17,749	3.24	91%	96%	66%	78%
1-4	9,374	3.20	89%	95%	64%	77%
0 or Unknown	29,781	3.11	85%	93%	60%	73%
Grand Total	99,566	3.34	90%	96%	69%	80%

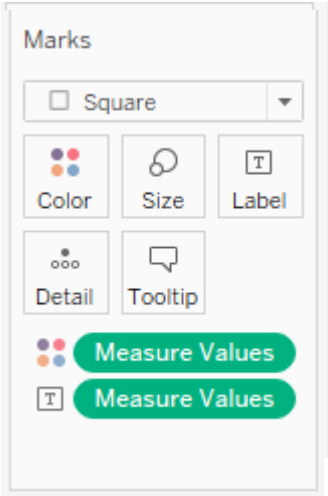


Tableau- Colors

Number of Incoming Credits	Enrolled Students	Median First Yr IU GPA	Avg. IU Retention to the Second Year (Full Time Students)	Avg. Ret. to any NSC Inst. for a 2nd Year (Full Time Students)	Avg. IU Four Year Graduation Rate (Full Time Students)	Avg. IU Six Year Graduation Rate (Ful Time Students)
30+	9,904	3.75	95%	98%	83%	92%
15-29	19,733	3.59	94%	98%	80%	88%
10-14	11,639	3.41	92%	97%	73%	83%
5-9	18,349	3.27	91%	96%	67%	79%
1-4	10,160	3.18	89%	95%	63%	77%
0 or Unknown	29,781	3.11	85%	93%	60%	73%
Grand Total	99,566	3.34	90%	96%	69%	80%

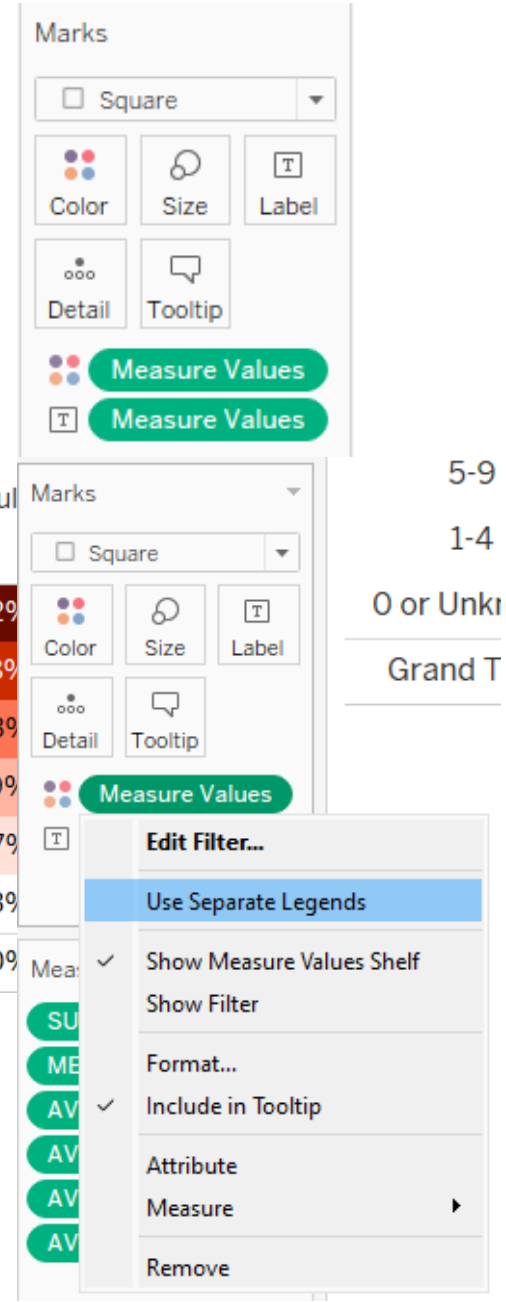


Tableau Fonts

-11.8%

11.1%

-22.3%

-22.9%

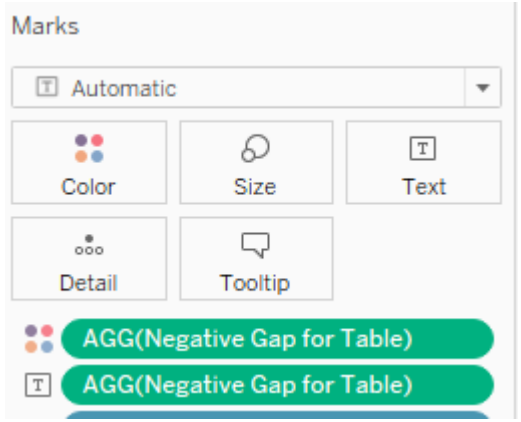
-10.1%

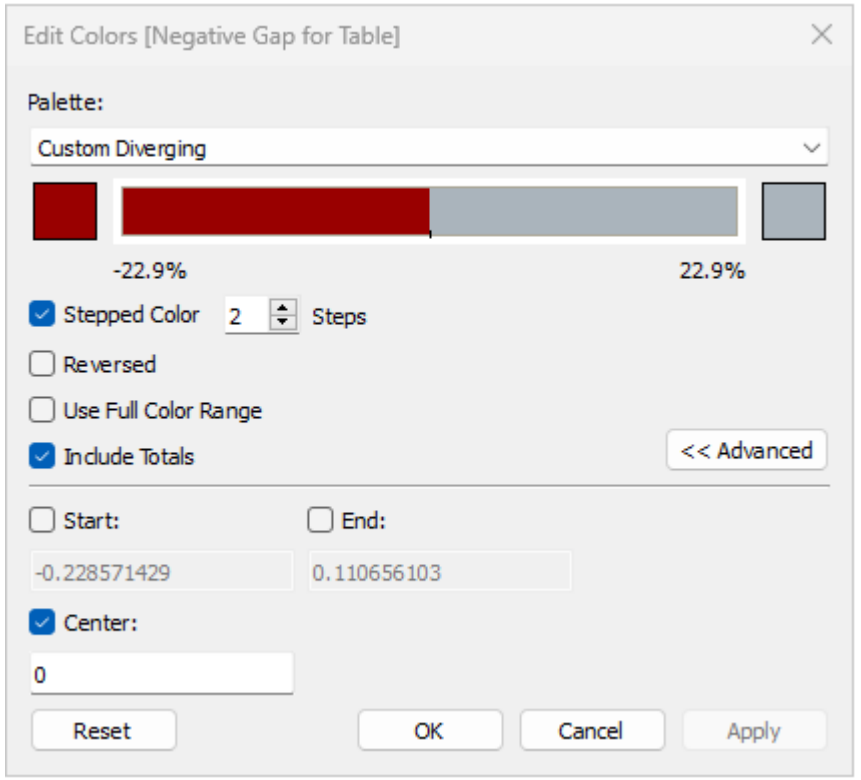
-13.6%

-6.2%

-4.7%

-10.1%





Export Text from Tableau

Send | To | Cc | Subject

Applications

Applications (42,363) are up over 2022 and 2021.

- 42,363 Applications (+23% over 2022; +19% over 2021)
  - 12,083 domestic residents (+20% over 2022; +4% over 2021)
  - 26,410 domestic non-residents (+24% over 2022; +24% over 2021)
  - 3,864 international (+34% over 2022; +37% over 2021)

Quality is up.

- Median HS GPA of 3.89 (-0.02 from 2022; +0.04 over 2021)
- Mean SAT of 1333 (-12 points from 2022; +9 points over 2021)
- 11,803 Applications in 1340+ SAT band (+11% over 2022; +20% over 2021)

Test Optional

- 20,917 Applications (49%) are test excluded (+2 percentage points over 2022)

Diversity is up.

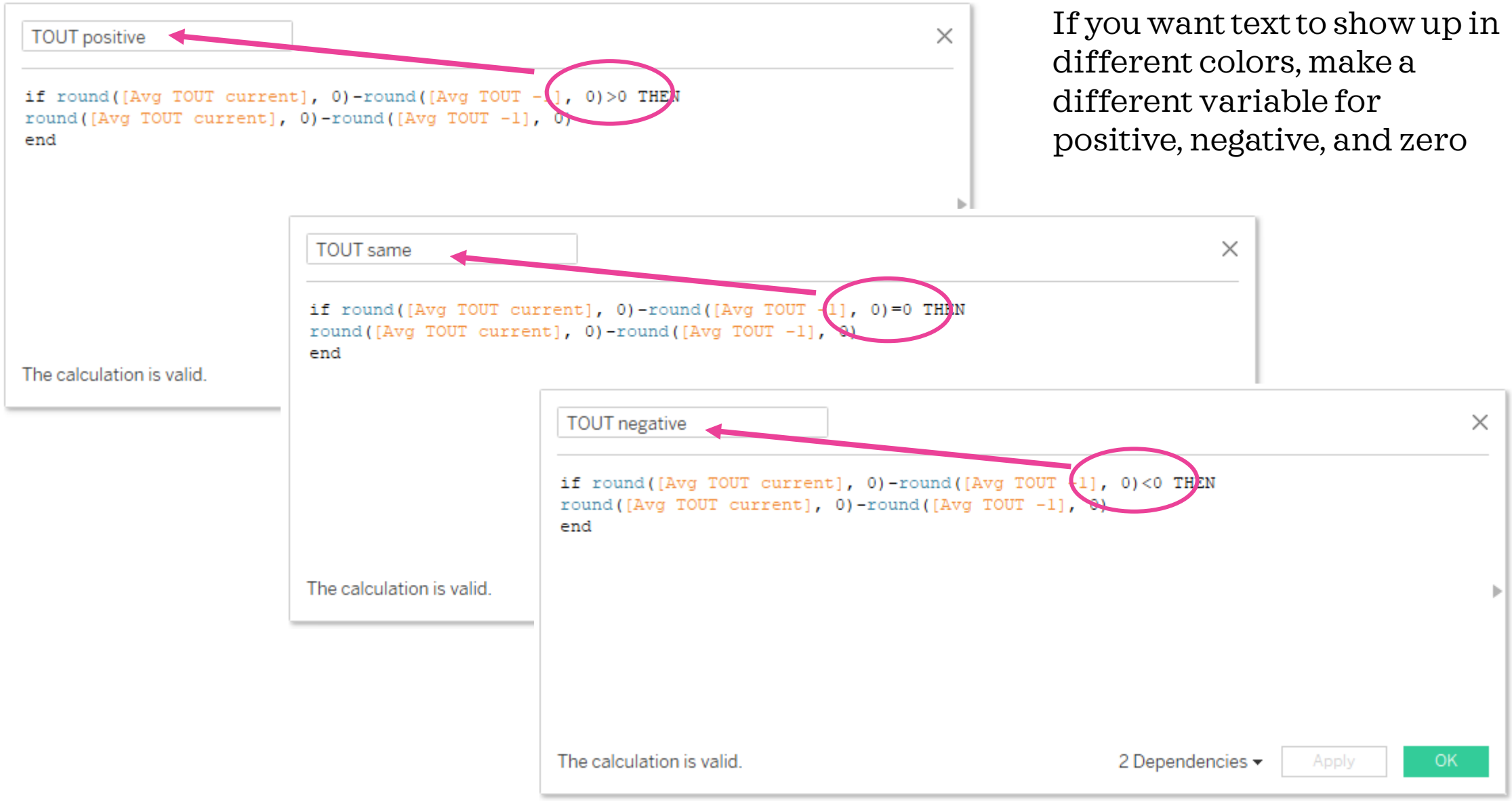
- 8,547 historically marginalized Applications (+33% over 2022; +24% over 2021)
  - 2,089 African American/Black Students (+36% over 2022; +22% over 2021)
  - 4,126 Hispanic/Latino Students (+31% over 2022; +21% over 2021)
  - 2,278 Students of Two or More Races (+35% over 2022; +33% over 2021)

Admits

Admits (34,116) are up over 2022 and 2021.

- 34,116 Admits (+17% over 2022; +12% over 2021)
  - 9,205 domestic residents (+17% over 2022; even with 2021)

* These are fake numbers!

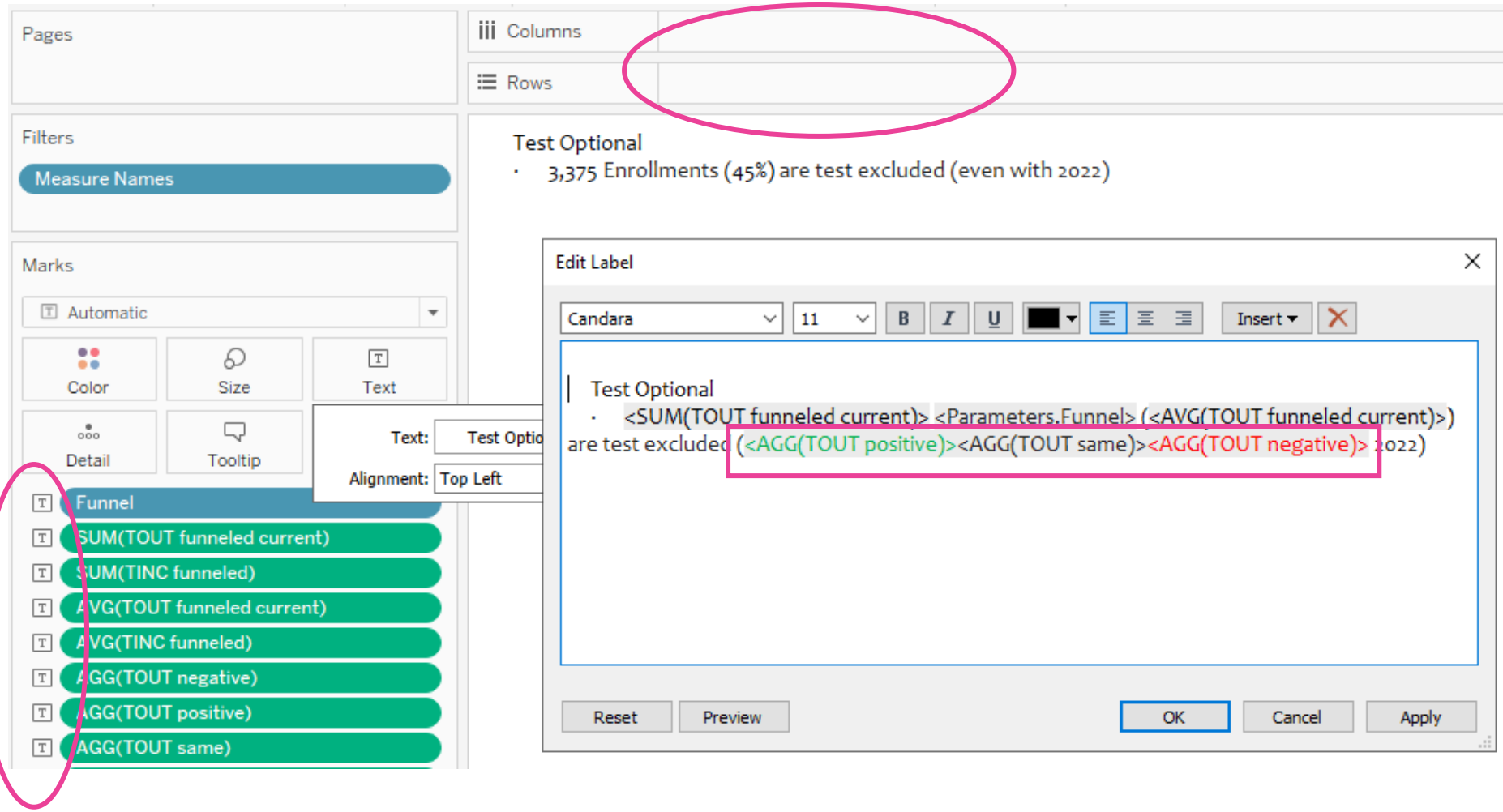


If you want text to show up in different colors, make a different variable for positive, negative, and zero

Don’t put anything on rows or columns. Just put everything on Text!

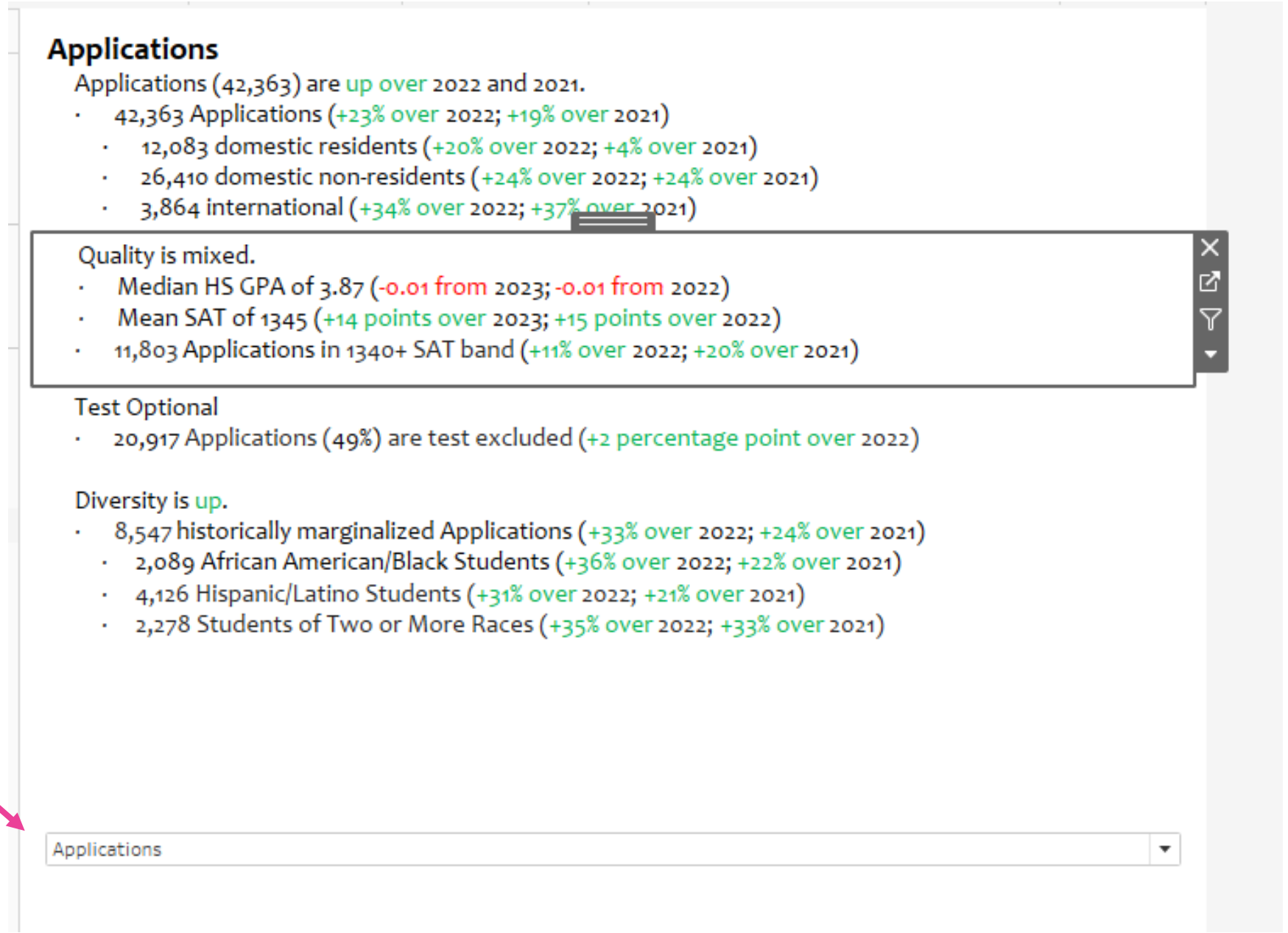
Custom format numbers

Put all three versions of the number right together (no spaces!) and set colors for positive, negative, and zero

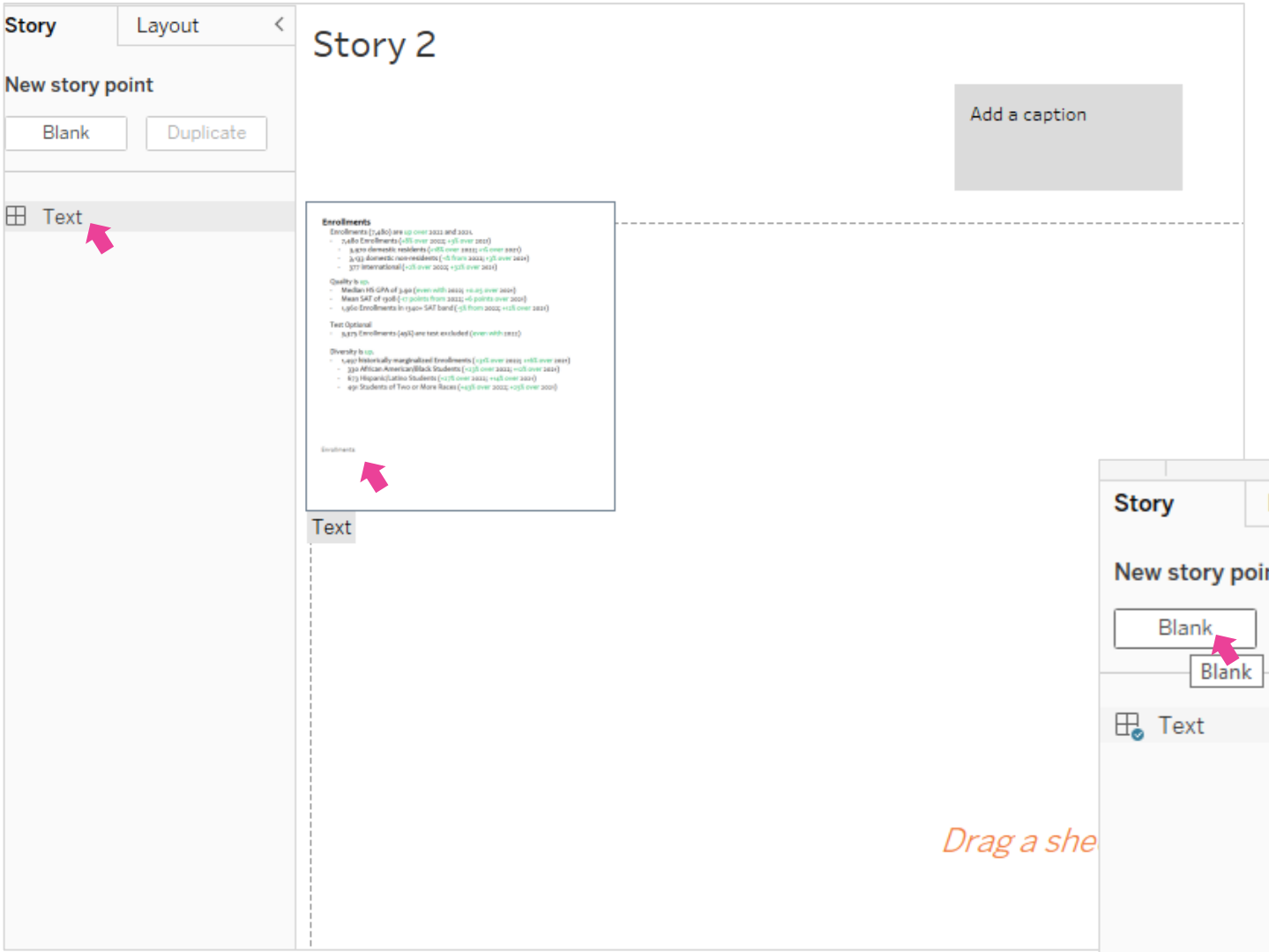


Put all this on a dashboard. There is a limit to how much you can put in one text box, so you will need multiple worksheets.

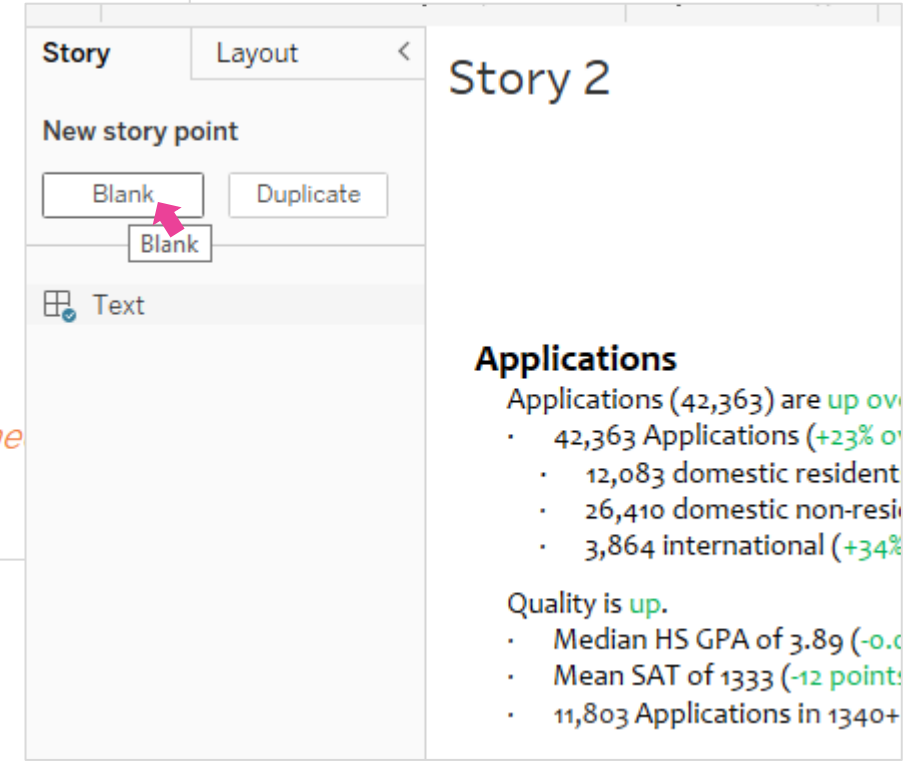
Use parameters for different points in the funnel.



Storytime!



- Drag your DASHBOARD into a new story.
- Set the parameter for your first page.
- Add a blank sheet, drag the dashboard in again, and set the parameter for the second page.

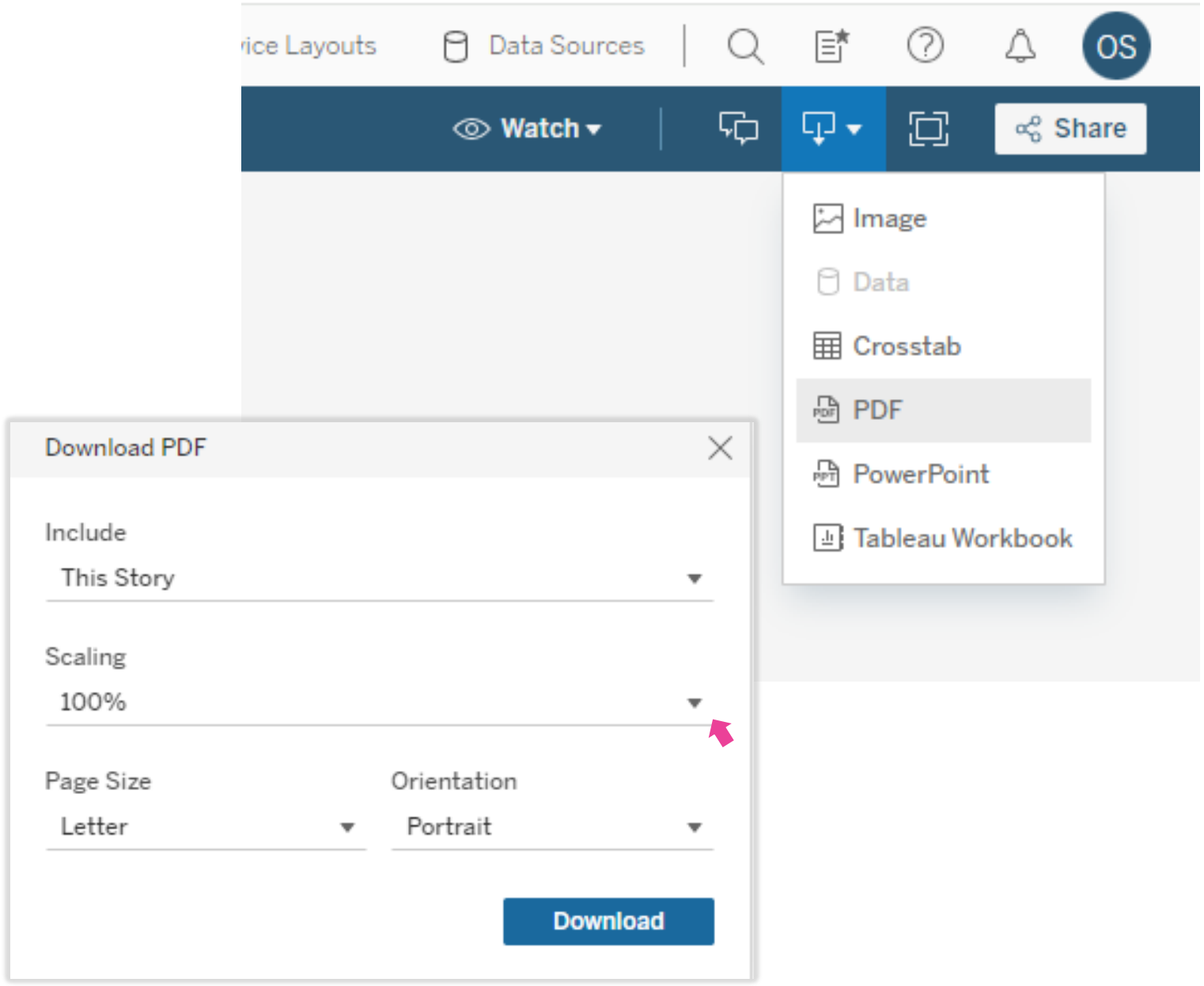


Publish your Tableau!

To Export:

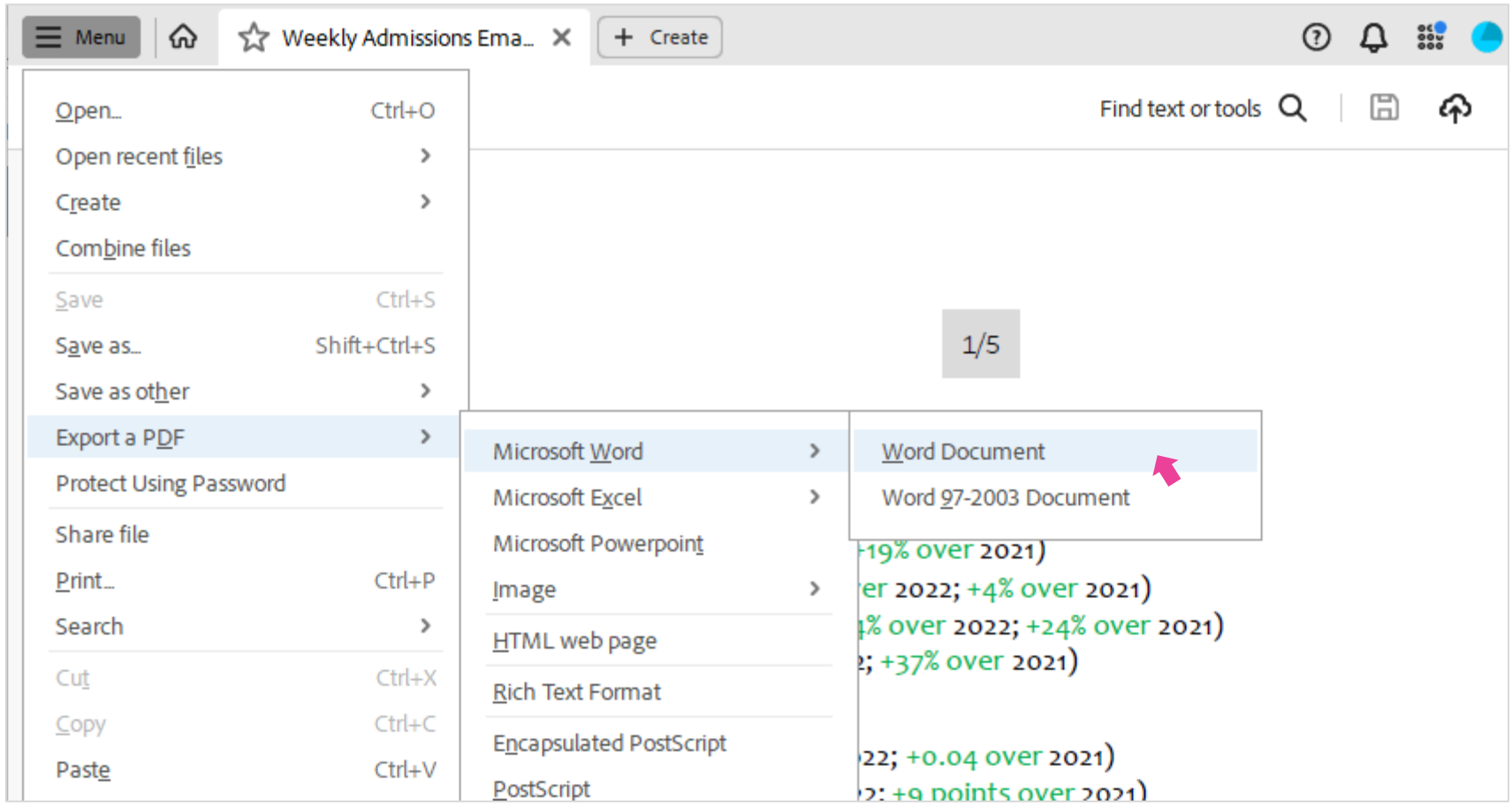
Download as PDF

Set scaling to 100% to make sure nothing changes.



Open in Adobe (don't just click on the downloaded file!)

Export as Word



What I still have to do manually:

- Remove some extra blank lines
- Remove s when it's just 1

What I don't have to do:

- Type 200 numbers
- Worry that I mistyped one of 200 numbers
- Change over/from/even with
- Change colors

Deposits

Deposits (8,677) are up over 2022 and 2021.

- 8,677 Deposits (+11% over 2022; +5% over 2021)
  - 4,361 domestic residents (+17% over 2022; -1% from 2021)
  - 3,730 domestic non-residents (+4% over 2022; +8% over 2021)
  - 586 international (+13% over 2022; +43% over 2021)

Quality is mixed.

- Median HS GPA of 3.89 (-0.01 from 2022; +0.05 over 2021)
- Mean SAT of 1310 (-14 points from 2022; +12 points over 2021)
- 2,251 Deposits in 1340+ SAT band (even with 2022; +16% over 2021)

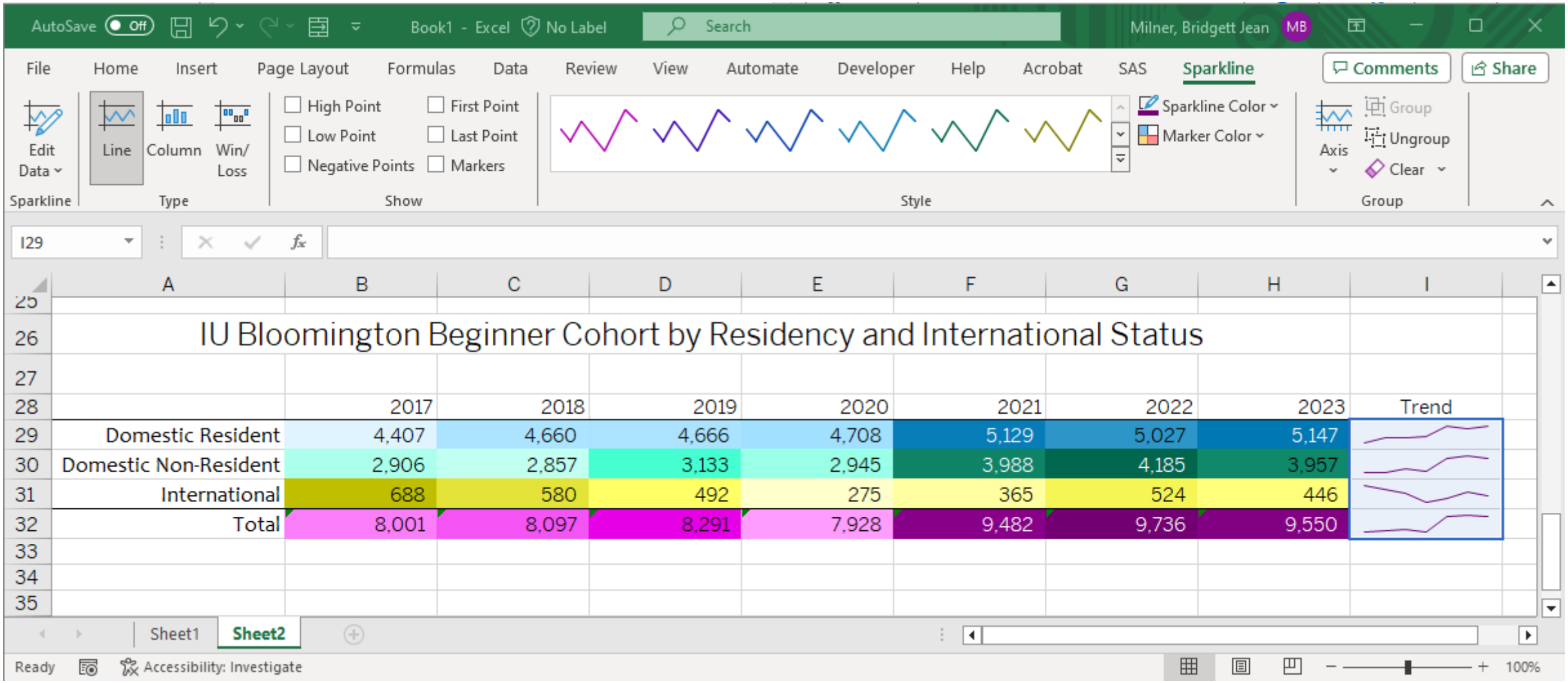
Test Optional

- 4,054 Deposits (47%) are test excluded (+1 percentage point over 2022)

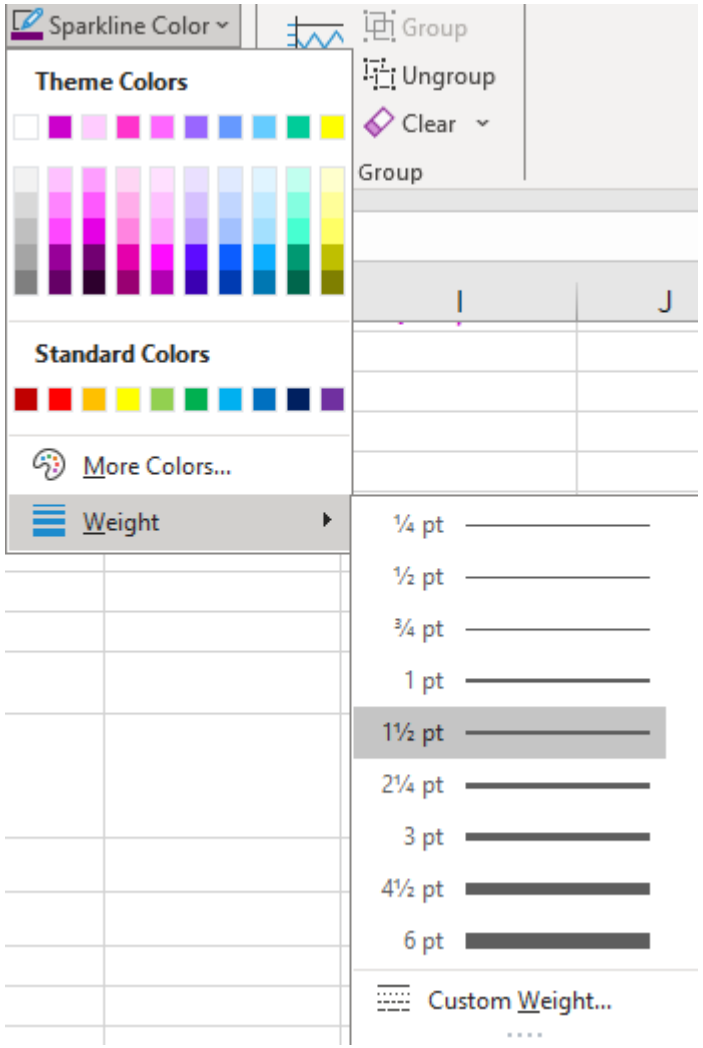
Diversity is up.

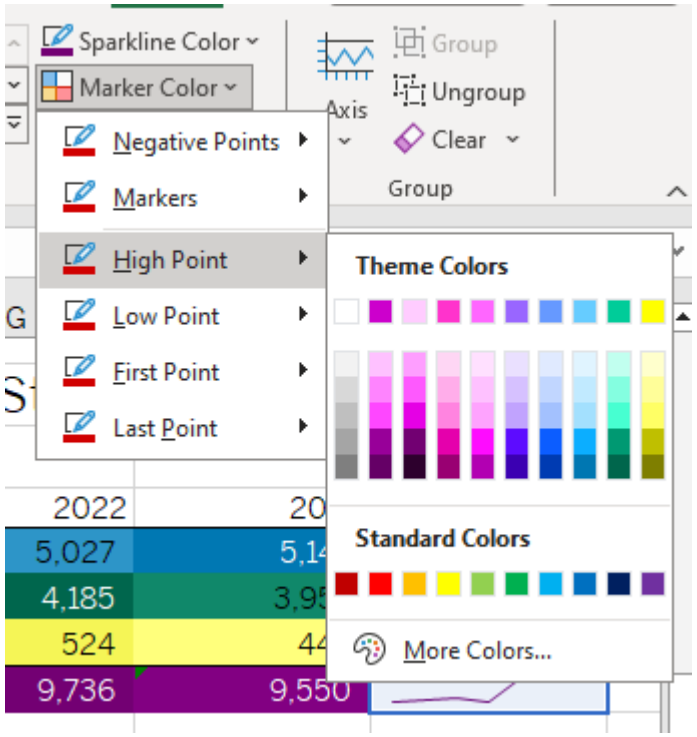
- 1,804 historically marginalized Deposits (+32% over 2022; +15% over 2021)
  - 434 African American/Black Students (+27% over 2022; +10% over 2021)
  - 815 Hispanic/Latino Students (+29% over 2022; +14% over 2021)
  - 551 Students of Two or More Races (+43% over 2022; +21% over 2021)

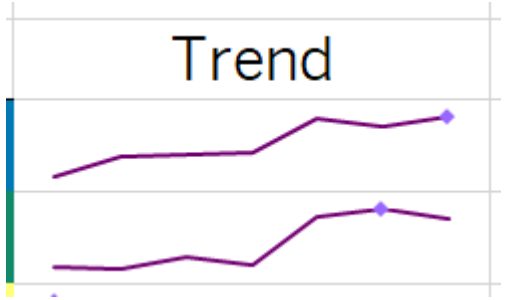
Sparklines

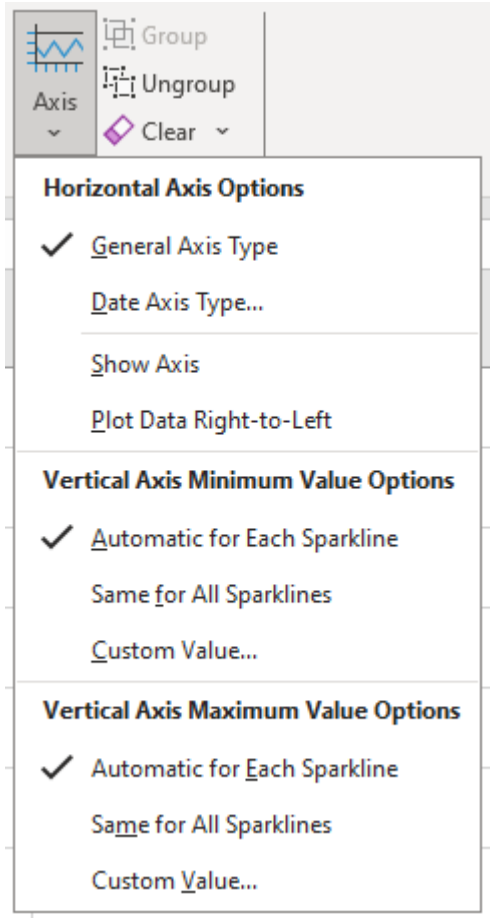

AutoSave Off
Book1 - Excel
No Label
Search
Milner, Bridgett Jean MB
File Home Insert Page Layout Formulas Data Review View Automate Developer Help Acrobat SAS Sparkline
Comments
Share
Edit Data
Line
Column
Win/ Loss
Sparkline
Type
High Point
Low Point
Negative Points
First Point
Last Point
Markers
Show
Sparkline Color
Marker Color
Style
Axis
Group
Ungroup
Clear
Group
I29
IU Bloomington Beginner Cohort by Residency and International Status
2017 2018 2019 2020 2021 2022 2023 Trend
Domestic Resident 4,407 4,660 4,666 4,708 5,129 5,027 5,147
Domestic Non-Resident 2,906 2,857 3,133 2,945 3,988 4,185 3,957
International 688 580 492 275 365 524 446
Total 8,001 8,097 8,291 7,928 9,482 9,736 9,550
Sheet1
Sheet2
Ready
Accessibility: Investigate
100%

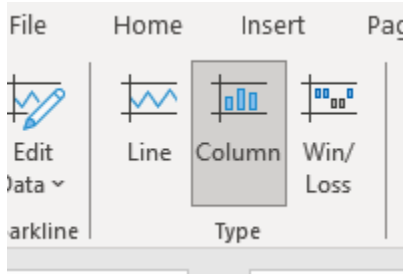
Change the colors, axis, and style

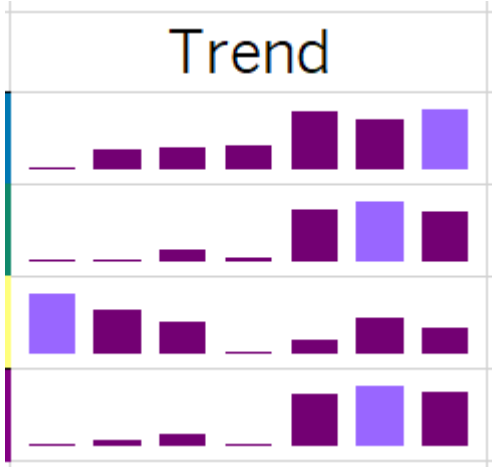












Can be used to provide a number in context

IU Bloomington Beginner Cohort

Domestic Indiana Residents	Domestic Non-Residents	International Students	**Total Beginners**
5,147	3,957	446	**9,550**

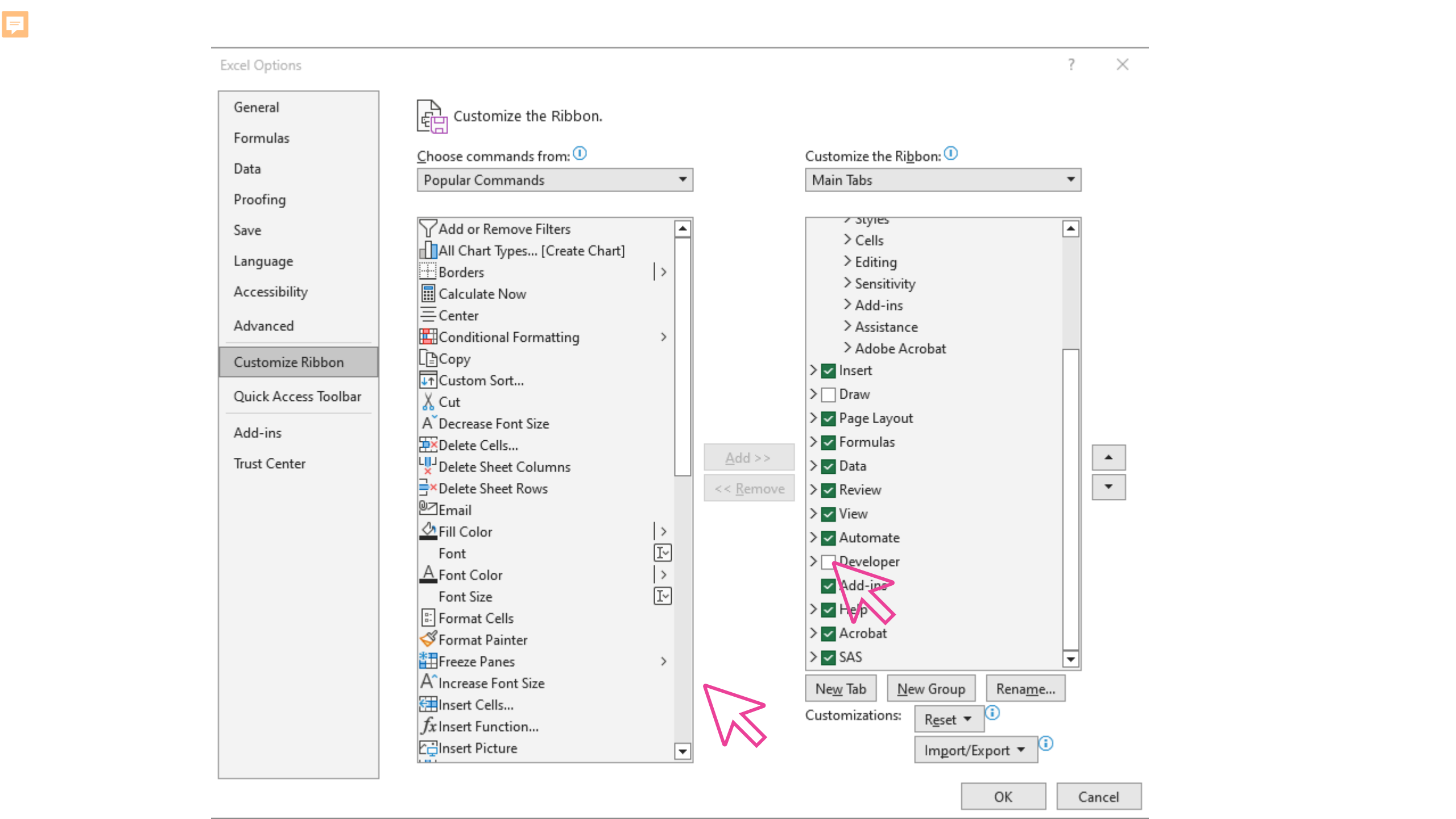
EASY Macro Creation

diploma	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Indiana Honors Diploma	4253	44.53	4253	44.53
Indiana Non-Honors Dipl	908	9.51	5161	54.04
Non-Indiana Diploma	4389	45.96	9550	100

	Enroll Sum
FirstGen	
0	8632
1	918
All	9550

	Enroll Sum
ReptEthnic	
American Indian/Alaska Native	1
Asian	1052
Black/African American	404
Hispanic/Latino	850
Missing	47
NR-Alien	446
Native Hawaiian/Pacific Island	3
Two or More Races	615
White	6132
All	9550

Sheet1 Sheet2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Customize Ribbon
Quick Access Toolbar
Add-ins
Trust Center
Customize the Ribbon.
Choose commands from:
Popular Commands
Add or Remove Filters
All Chart Types... [Create Chart]
Borders
Calculate Now
Center
Conditional Formatting
Copy
Custom Sort...
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Decrease Font Size
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Email
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Format Cells
Format Painter
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Editing
Sensitivity
Add-ins
Assistance
Adobe Acrobat
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Review
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Add-ins
Help
Acrobat
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Reset
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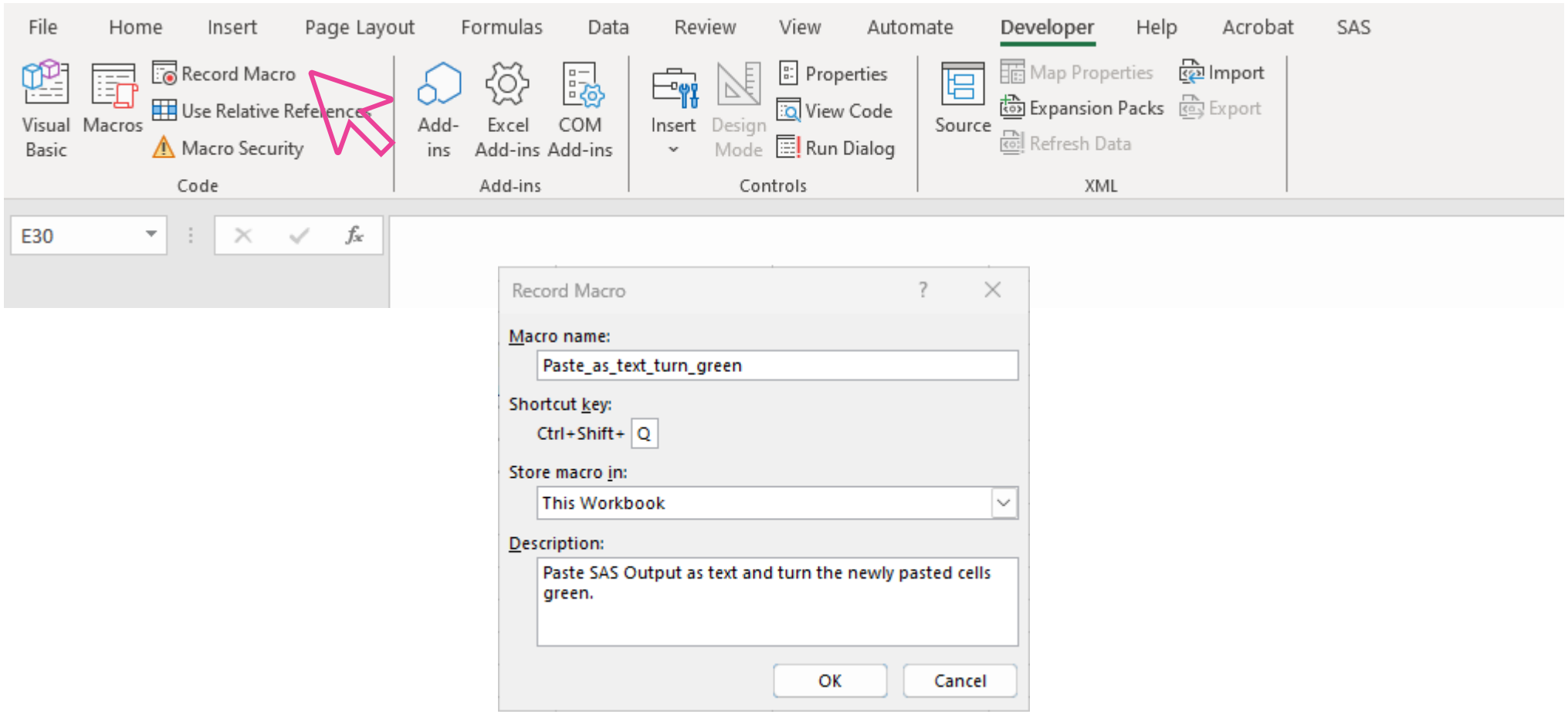
OK
Cancel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View
Automate
Developer
Help
Acrobat
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Macros
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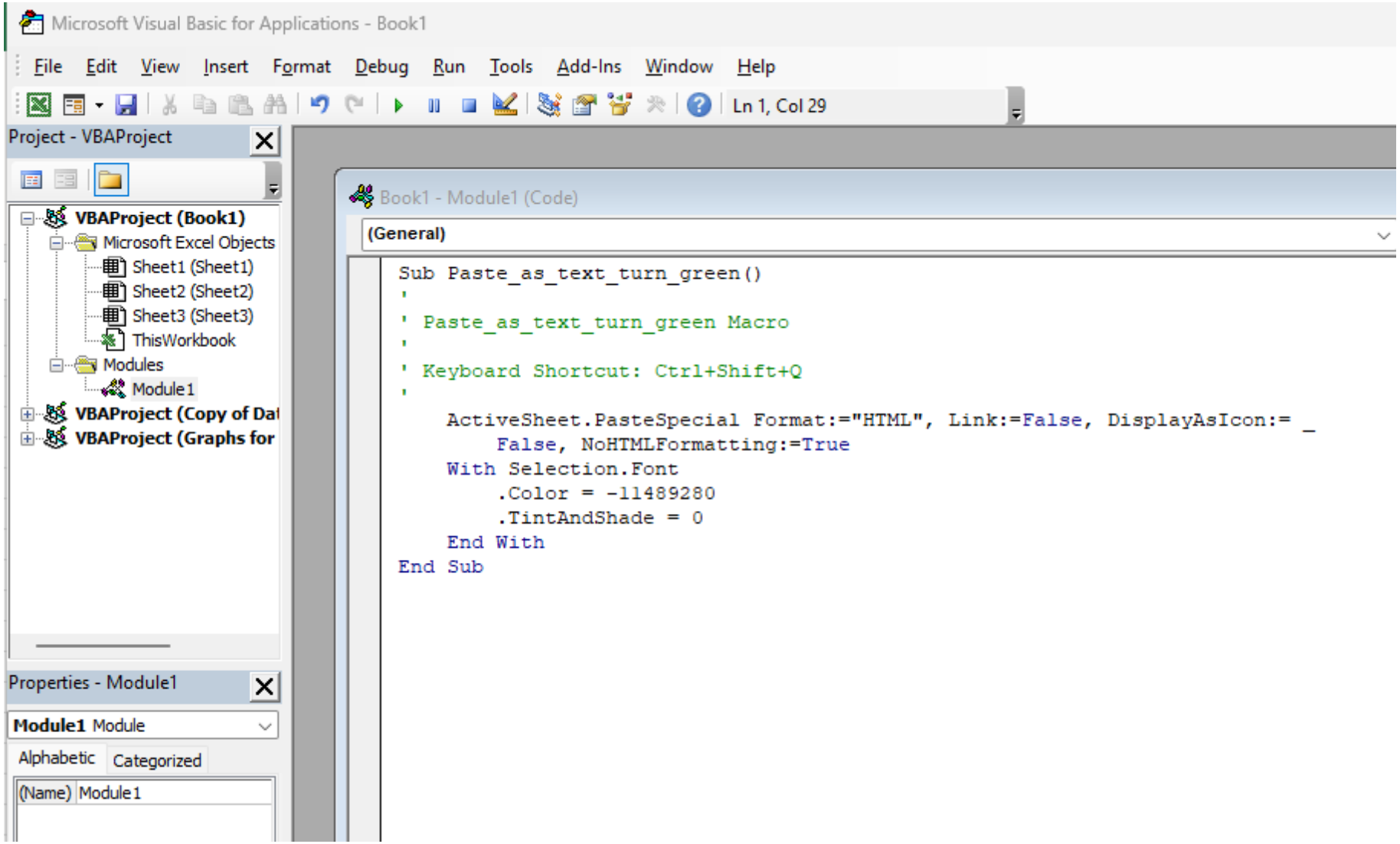
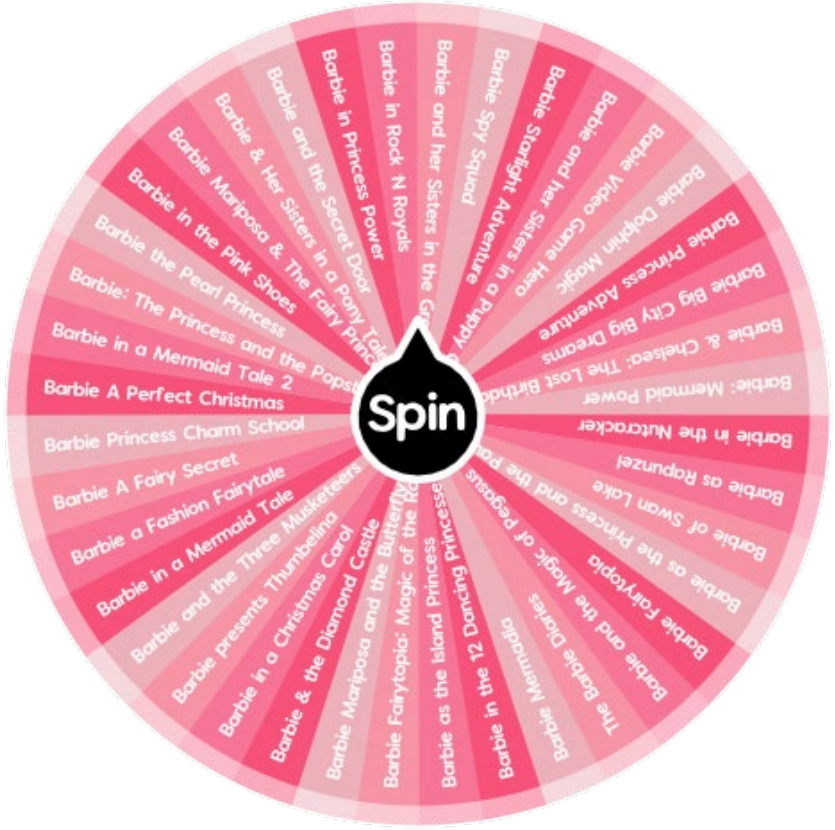
Macro Security
Code
Add-ins
Excel Add-ins
COM Add-ins
Add-ins
Insert
Design Mode
Properties
View Code
Run Dialog
Controls
Source
Map Properties
Expansion Packs
Refresh Data
Import
Export
XML
E30
Record Macro
Macro name:
Paste_as_text_turn_green
Shortcut key:
Ctrl+Shift+ Q
Store macro in:
This Workbook
Description:
Paste SAS Output as text and turn the newly pasted cells green.
OK
Cancel

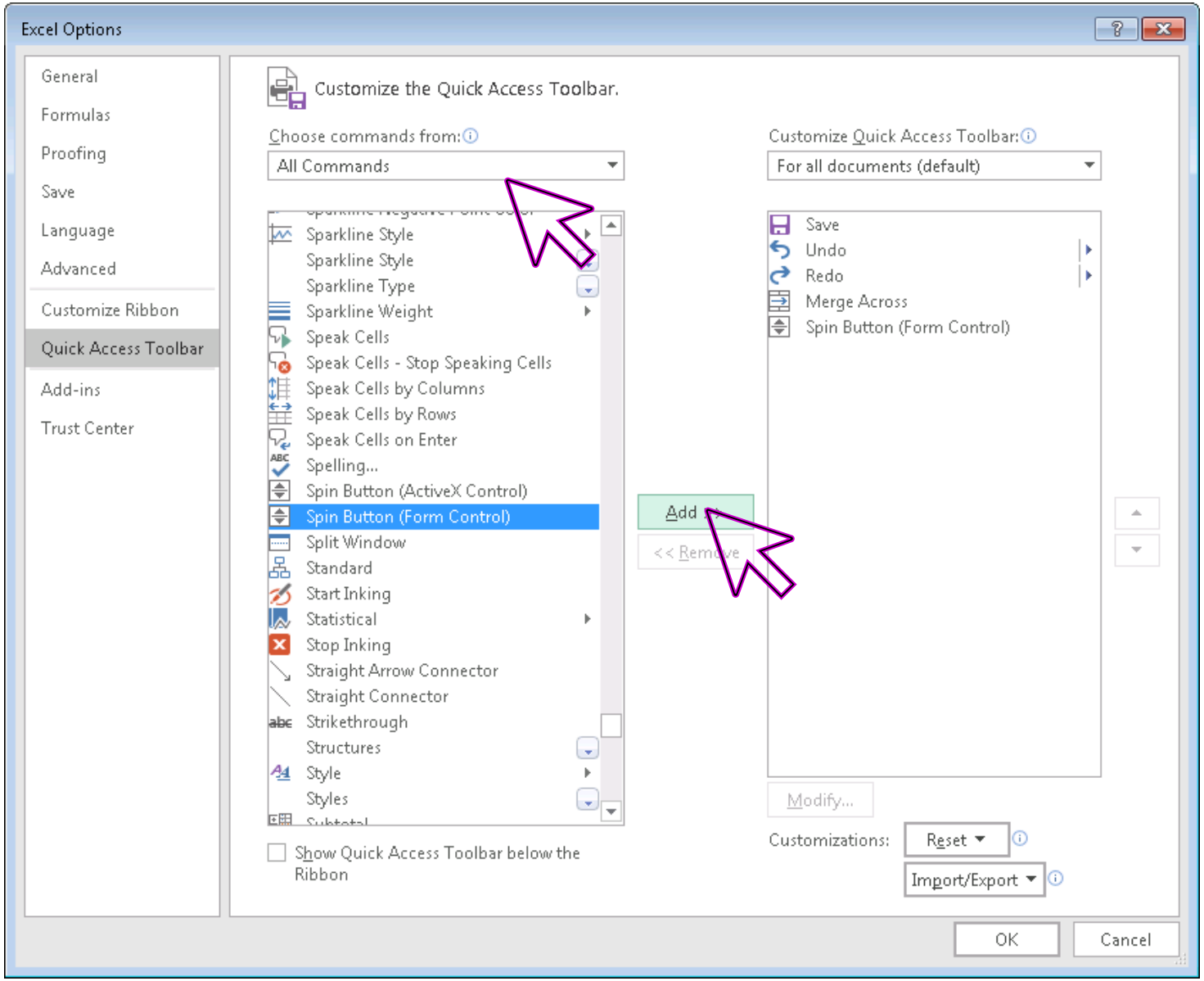
	A	B	C	D	E
21					
22					
23	diploma	Frequency	Percent	Cumulative Frequency	Cumulative Percent
25	Indiana Honors Diploma	4253	44.53	4253	44.53
26	Indiana Non-Honors Dipl	908	9.51	5161	54.04
27	Non-Indiana Diploma	4389	45.96	9550	100
28					
29					
30		Enroll			
31		Sum			
32	FirstGen				
33	0	8632			
34	1	918			
35	All	9550			
36					
37		Enroll			
38		Sum			
39	ReptEthnic				
40	American Indian/Alaska Native	1			
41	Asian	1052			
42	Black/African American	404			
43	Hispanic/Latino	850			
44	Missing	47			
45	NR-Alien	446			
46	Native Hawaiian/Pacific Island	3			
47	Two or More Races	615			
48	White	6132			
49	All	9550			

Edit Macro


Microsoft Visual Basic for Applications - Book1
File Edit View Insert Format Debug Run Tools Add-Ins Window Help
Ln 1, Col 29
Project - VBAProject
VBAProject (Book1)
Microsoft Excel Objects
Sheet1 (Sheet1)
Sheet2 (Sheet2)
Sheet3 (Sheet3)
ThisWorkbook
Modules
Module1
VBAProject (Copy of Dat
VBAProject (Graphs for
Properties - Module1
Module1 Module
Alphabetic Categorized
(Name) Module1
Book1 - Module1 (Code)
(General)
Sub Paste_as_text_turn_green()
'
' Paste_as_text_turn_green Macro
'
' Keyboard Shortcut: Ctrl+Shift+Q
'
ActiveSheet.PasteSpecial Format:="HTML", Link:=False, DisplayAsIcon:= _
False, NoHTMLFormatting:=True
With Selection.Font
.Color = -11489280
.TintAndShade = 0
End With
End Sub

Spin Buttons!




Excel Options
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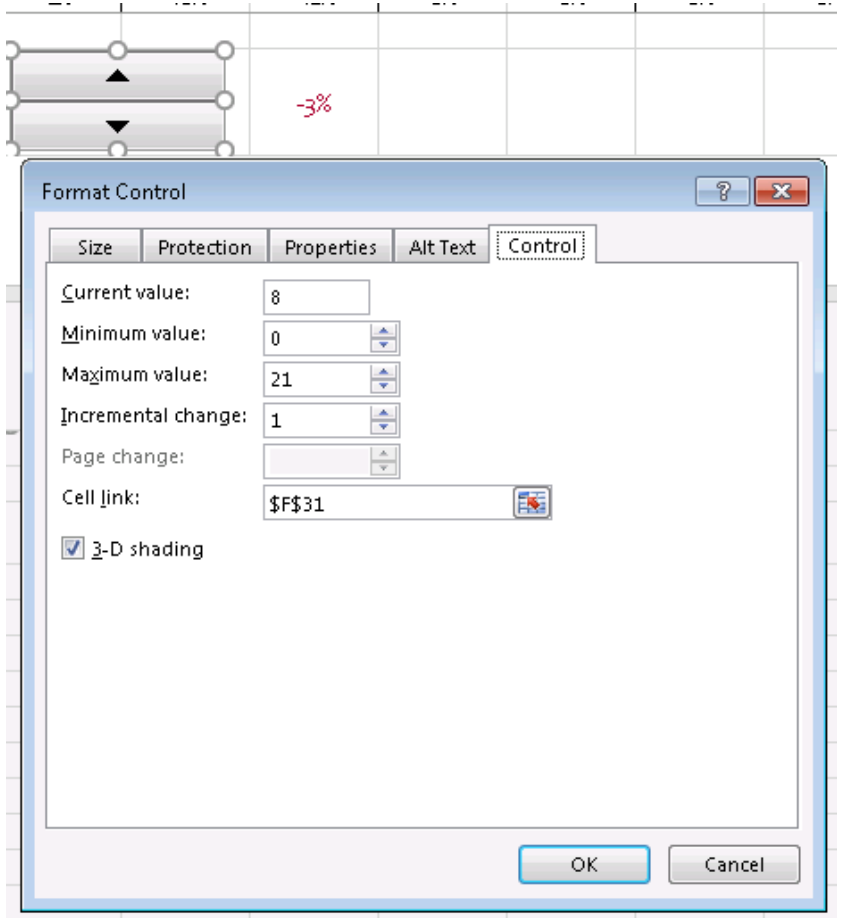
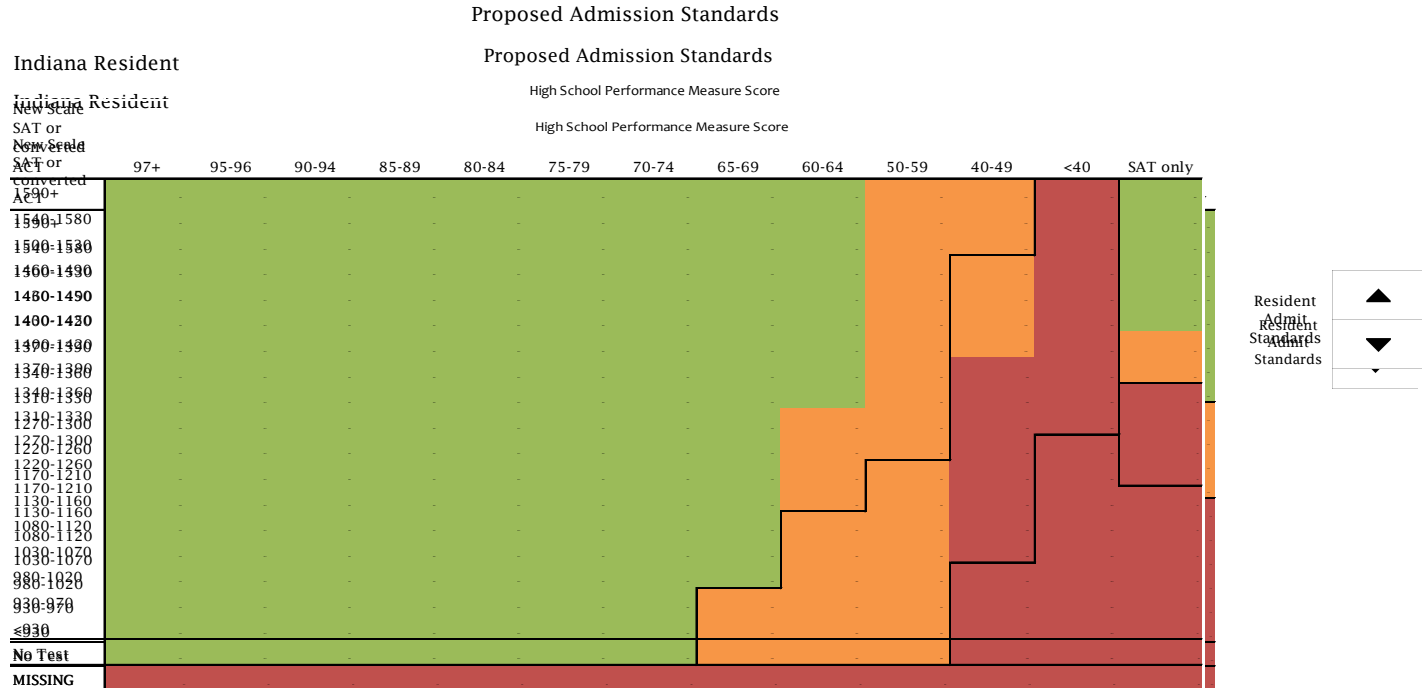
Add-ins
Trust Center
Customize the Quick Access Toolbar.
Choose commands from:
All Commands
Sparkline Style
Sparkline Style
Sparkline Type
Sparkline Weight
Speak Cells
Speak Cells - Stop Speaking Cells
Speak Cells by Columns
Speak Cells by Rows
Speak Cells on Enter
Spelling...
Spin Button (ActiveX Control)
Spin Button (Form Control)
Split Window
Standard
Start Inking
Statistical
Stop Inking
Straight Arrow Connector
Straight Connector
Strikethrough
Structures
Style
Styles
Add >>
<< Remove
Customize Quick Access Toolbar:
For all documents (default)
Save
Undo
Redo
Merge Across
Spin Button (Form Control)
Modify...
Customizations:
Reset
Import/Export
Show Quick Access Toolbar below the Ribbon
OK
Cancel

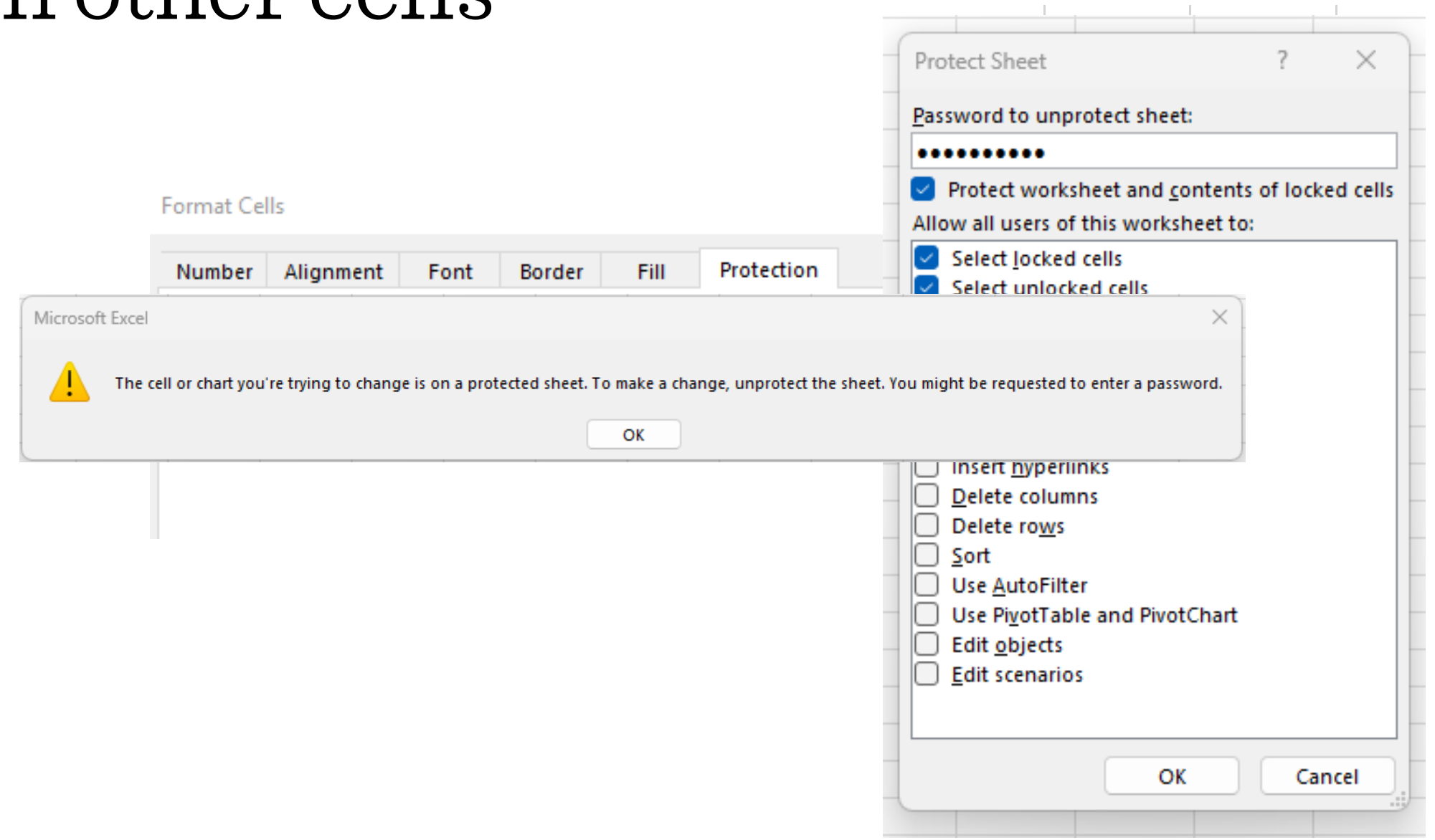
Interactive Visualization





	Last Year Actual Outcome	Modeled Outcome* #	%	Difference
Residents	**5,128**	**5,992**	**53%**	about same
Domestic Non-Residents	**3,988**	**4,021**	**43%**	about same
International	**366**	**394**	**4%**	about same
Total	**9,482**	**9,407**	**100%**	about same
Underrepresented	**1,668**	**1,889**		larger
Average Index:	**73**	**74**		about same
Mean SAT/Converted ACT:	**1298**	**1314**		increase

Lock all other cells



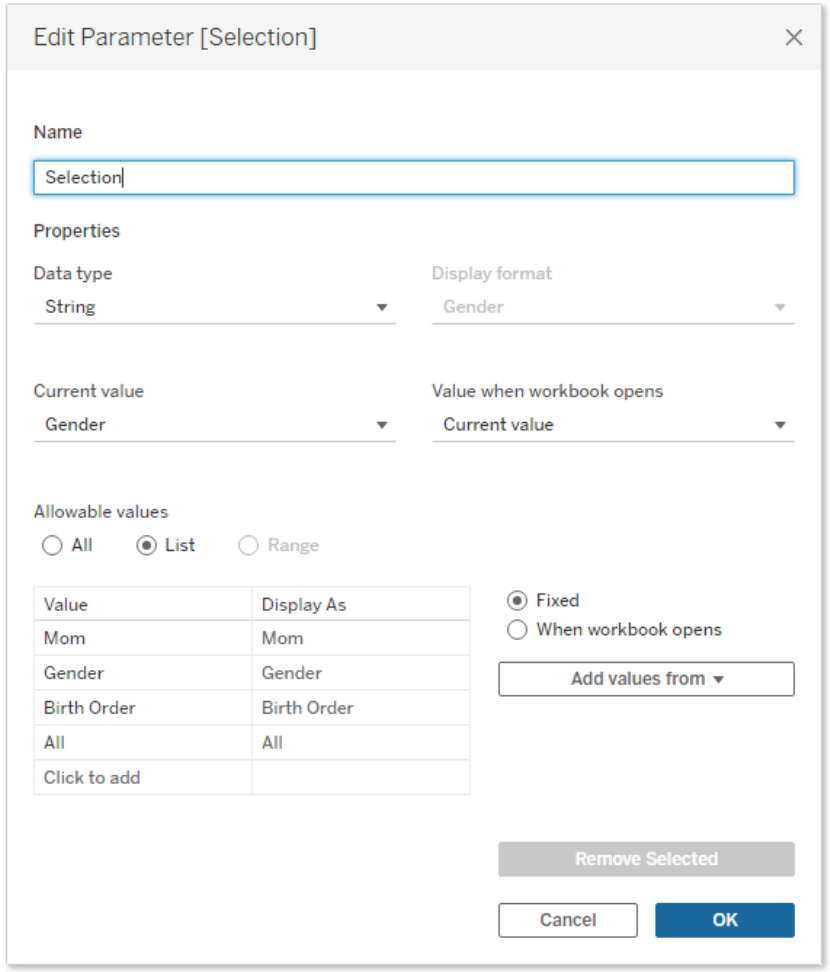
Dynamically Hidden Worksheets

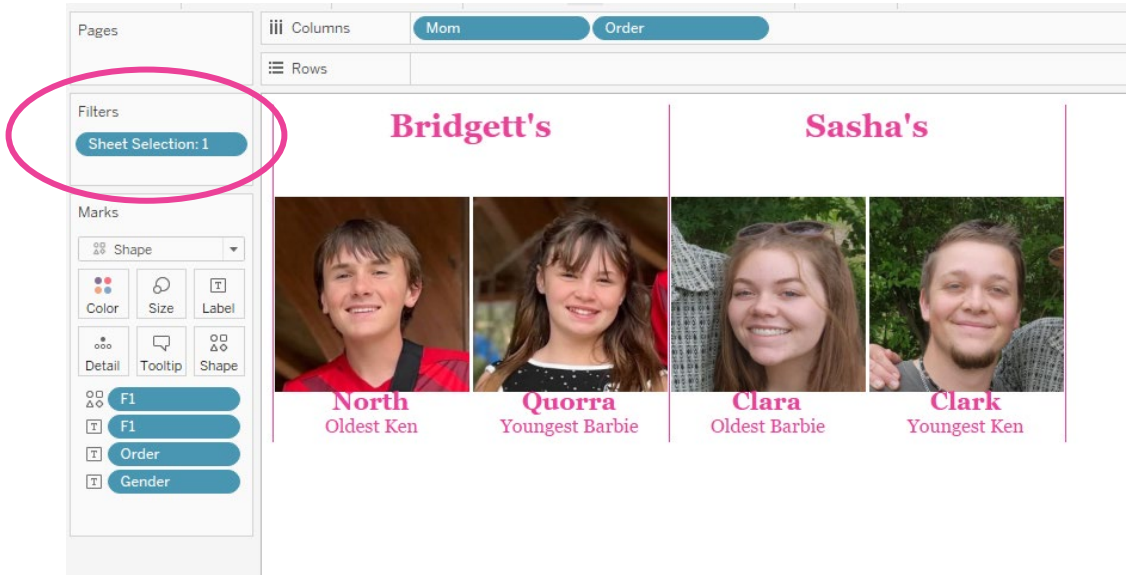
Our Kens and Barbies

Sorted By

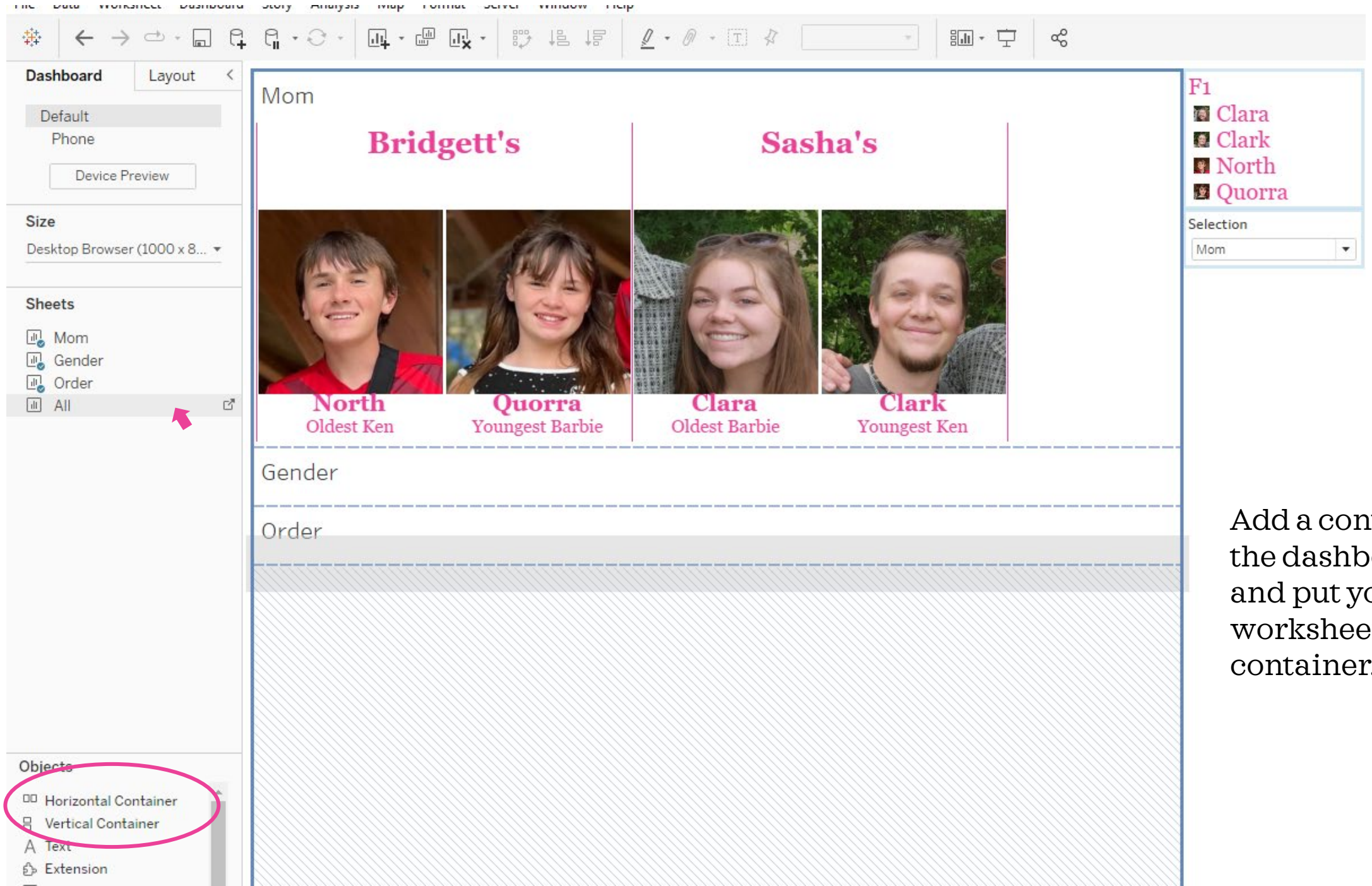
All

Mom
Gender
Birth Order
All

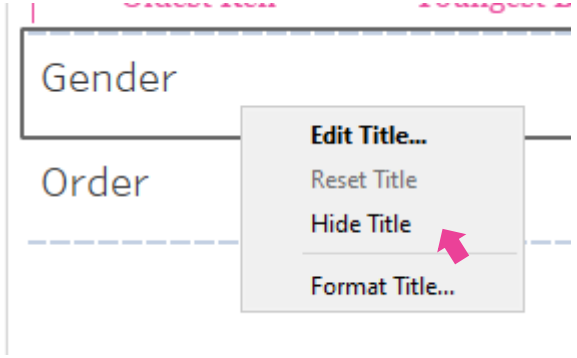




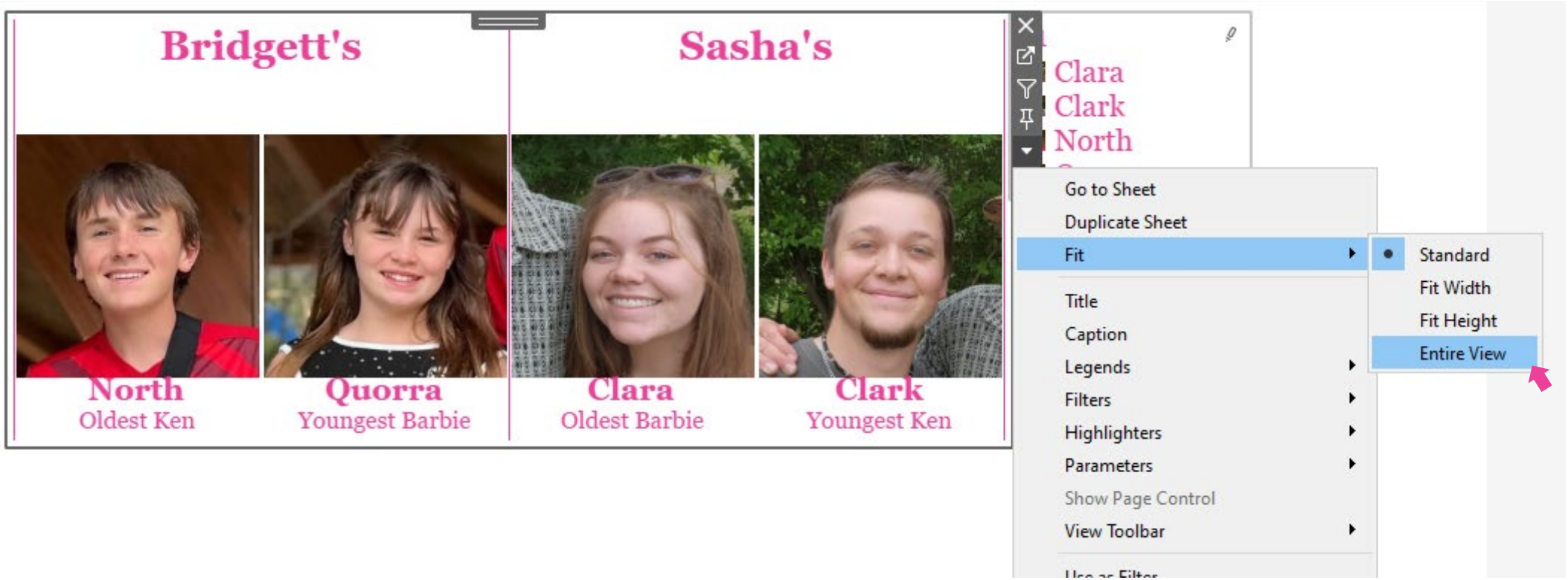
- Create parameter to select which worksheet to show.
- Create calculated variable using that parameter.
- Use that variable as a filter on each worksheet.



Add a container to the dashboard, and put your worksheets in the container.



- Hide the title of every worksheet
- Fit each worksheet to the entire view
- Arrange your title and selection parameter, and remove any keys or filters that you don't want.



Our Kens and Barbies

Sorted By

Mom

Bridgett's

North
Oldest Ken

Quorra
Youngest Barbie

Sasha's

Clara
Oldest Barbie

Clark
Youngest Ken

Our Kens and Barbies

Sorted By

Gender

Barbie

Quorra
Bridgett's Youngest

Clara
Sasha's Oldest

Ken

North
Bridgett's Oldest

Clark
Sasha's Youngest

Our Kens and Barbies

Sorted By

Birth Order

Oldest

Clara
Sasha's Barbie

North
Bridgett's Ken

Youngest

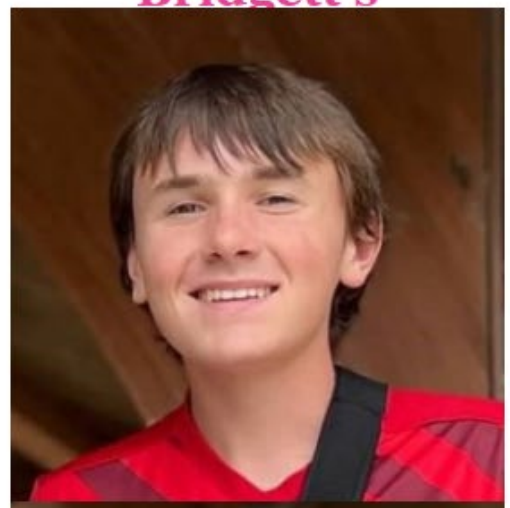
Quorra
Bridgett's Barbie

Clark
Sasha's Ken

Our Kens and Barbies

Sorted By

All

	Bridgett's		Sasha's	
Oldest		**North** Ken		**Clara** Barbie
Youngest		**Quorra** Barbie		**Clark** Ken