

COGS 108

Discussion Section A07
:)



Please scan this qr code and answer
a ~brief~ little survey that we made.



hint for next week
;^)

Are you supposed to be here? That is the question...

Week 4

Discussion #1 Fall 2024



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OH: 6-7PM on Mondays @ CSB 114 or on Zoom



Agenda

⚠ Announcements / Deadlines



🔍 Project Review

🖥 D3

It's been
a long
week...



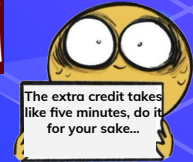
Deadlines



- Quiz 3 WAS due Oct 21 (11:59 pm)
- Project Review due Wed Oct 23 (11:59 pm)
- D3 due Fri Oct 25 (11:59 pm)
- Quiz 4 open Fri Oct 25 (5 pm) & due Oct 28 (11:59 pm)
- Week 4 Group Progress Survey [OPTIONAL/EXTRA CREDIT]

Coming up

- Project Proposal Wed Oct 30 (11:59 pm)



4 28 (11:59 pm)

./EXTRA CREDIT]



The extra credit
takes like five
minutes, do it for
your sake...

!!!! CAUTION !!!!



Issues we've noticed from the submissions so far...

- Don't DUPLICATE Cells PLEASE !
- Don't CHANGE the EXISTING Cell Type !
- Please PLEASE DON'T ACCIDENTLY RE-SUBMIT AFTER DUE DATE

****We will not be lenient with this AS IT'S STATED ON THE SYLLABUS****



Announcements

Project update:

- Should all be assigned to a Group and Github Repo
- Should have received an email with your Github Repo from Scott
- If you are not able to do any of the above **PLEASE** message **STAFF** to let us know **ASAP**



Project Review

- Due: this Wed (10/23)
- **ONE** submission per group
- You should have all received an email with you Group info (if not look at "People" section in Canvas to find group members, or click on groups if on desktop, or scroll to the bottom on mobile)
 - If not assigned properly to a group please let **Scott** know

▼ Week 4	
	Q3 Oct 21 1 pts
	Project review Oct 23 5 pts
	D3 Oct 25 2 pts
	[Optional/Extra credit] Week 4 group progress survey 0 pts



D3

- Feel free to get started on D3 if you haven't already and come up if you have any questions!
- We'll be running through some important points on it with you!
 - e.g. how your graphs are supposed to look like



I. Import all the necessary libraries

- `numpy (np)`
- `pandas (pd)`
- `matplotlib.pyplot (plt)`
- `seaborn (sns)`

```
[ ]: # YOUR CODE HERE  
raise NotImplementedError()
```

```
[ ]: assert np  
assert pd  
assert plt  
assert sns
```

What goes
HERE???

For the love of everything
you hold dear, please
don't leave this here.....

I. Import all the necessary libraries

- `numpy (np)`
- `pandas (pd)`
- `matplotlib.pyplot (plt)`
- `seaborn (sns)`

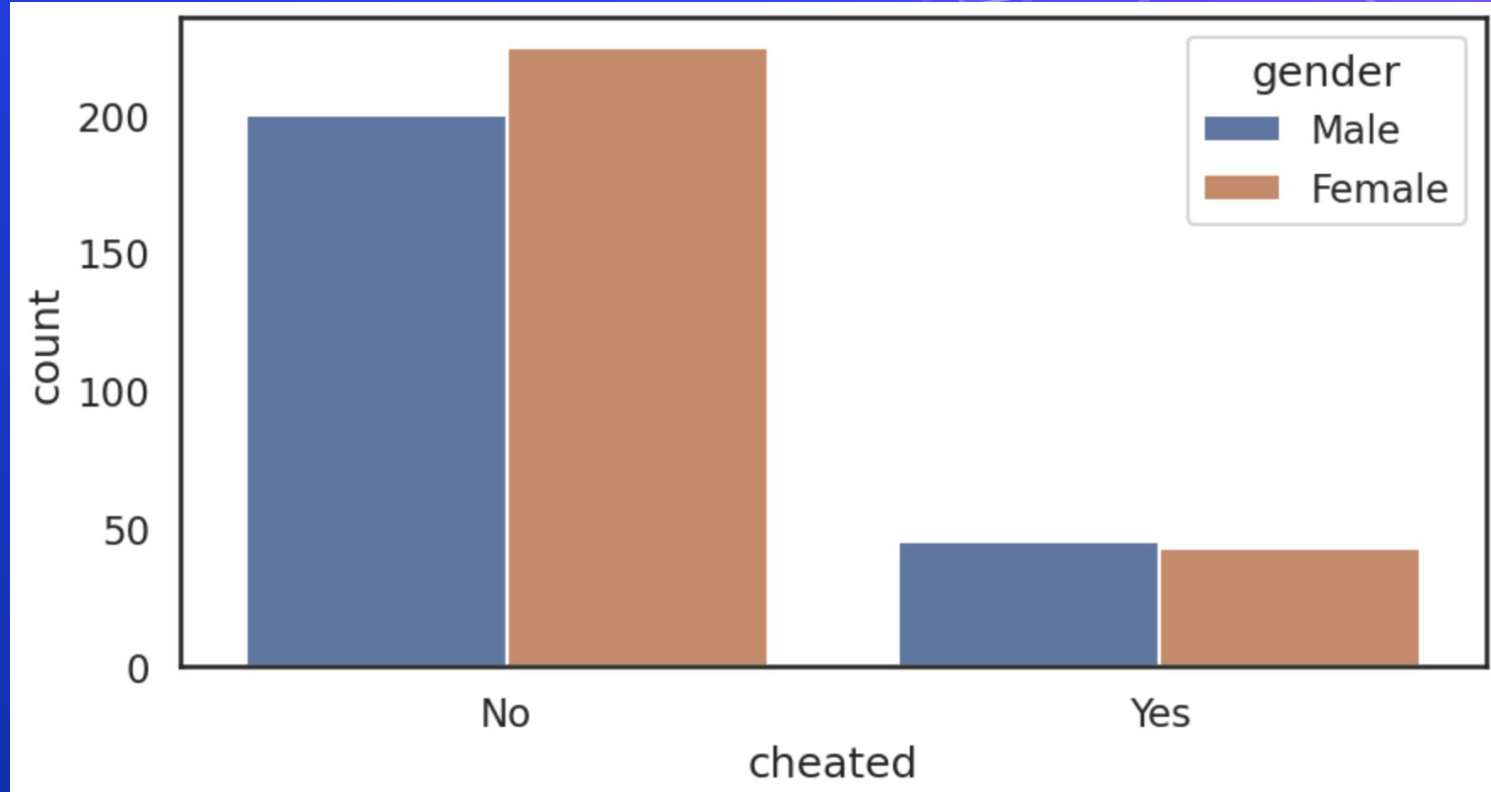
```
[1]: # YOUR CODE HERE
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
```

```
[2]: assert np
      assert pd
      assert plt
      assert sns
```

GOT IT?



2. PART I: CHEATING (plot_cheated)



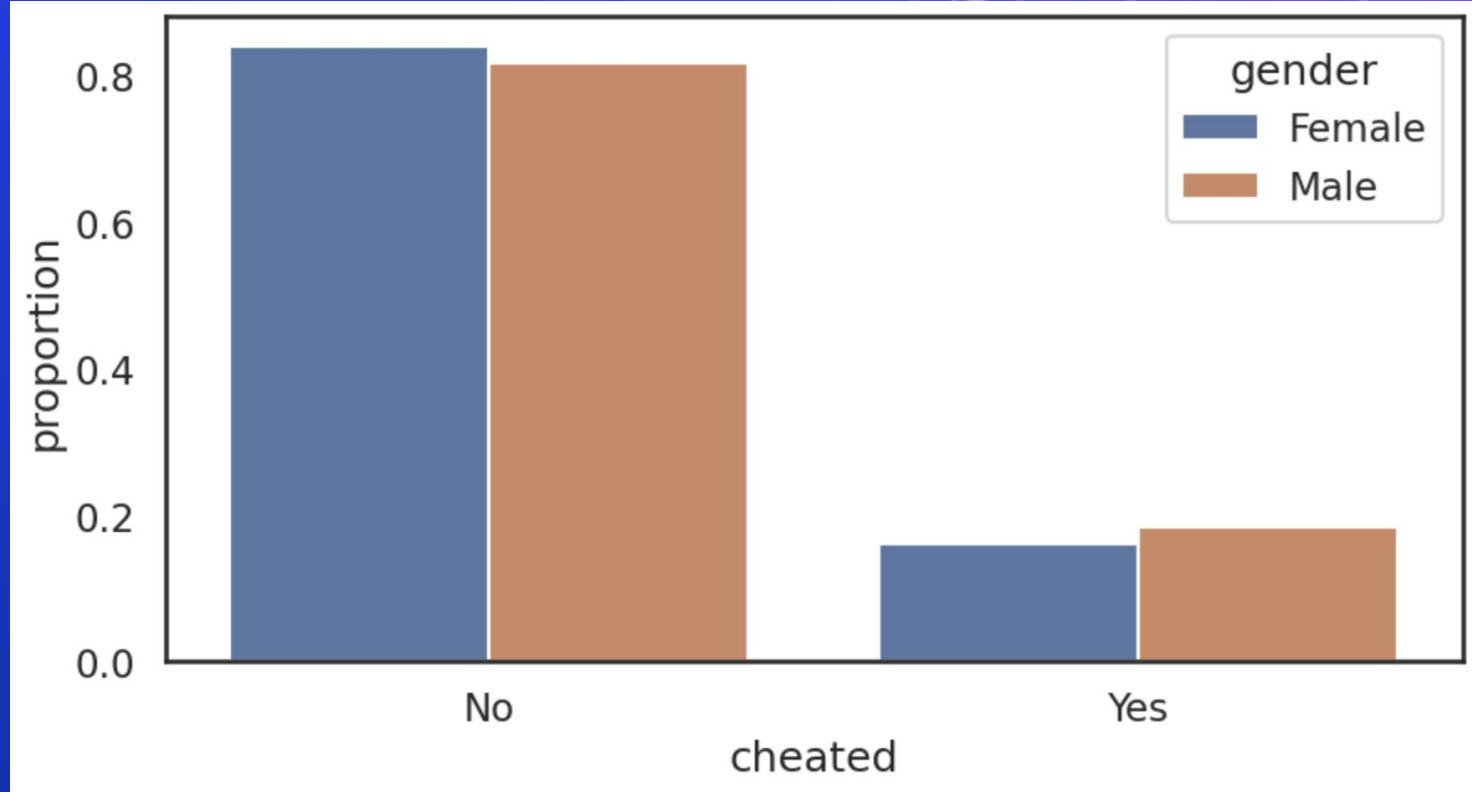
2. PART 1: CHEATING (prop_df)

	gender	cheated	proportion
0	Female	No	0.84
1	Female	Yes	0.16
2	Male	No	0.82
3	Male	Yes	0.18

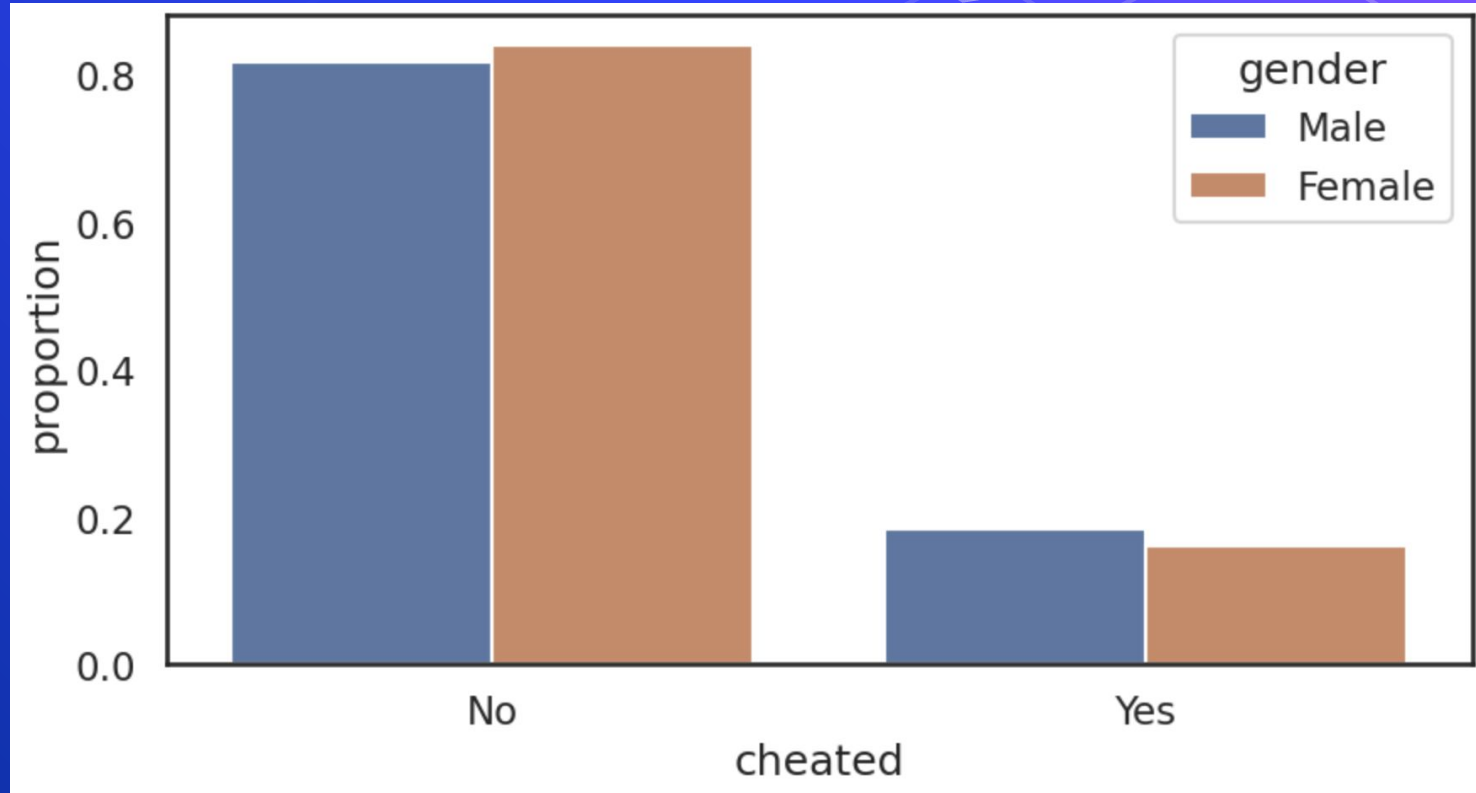
I need to make
this data into a
pretty and easy
to read
visualization?!?



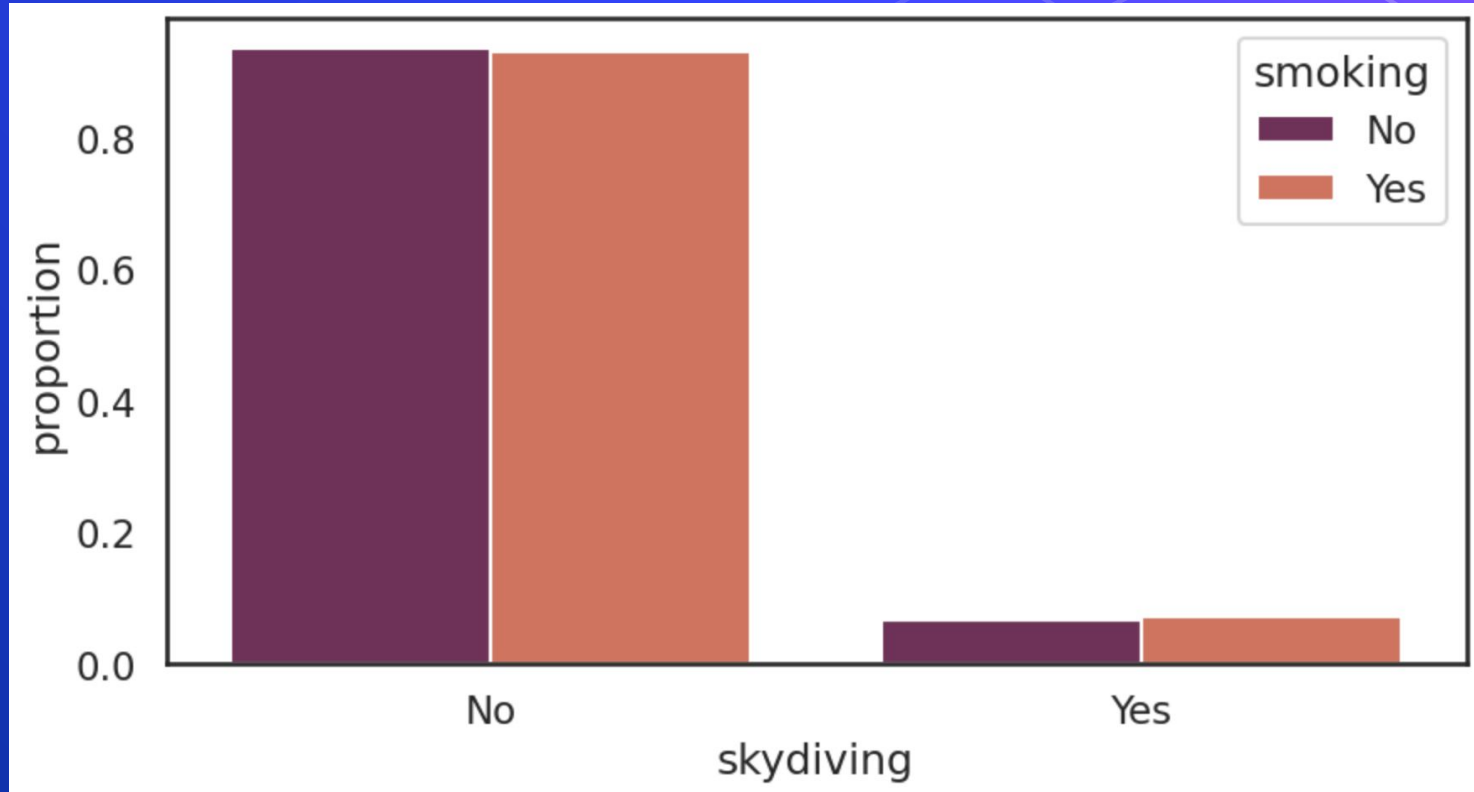
2. PART I: CHEATING (plot_proportion)



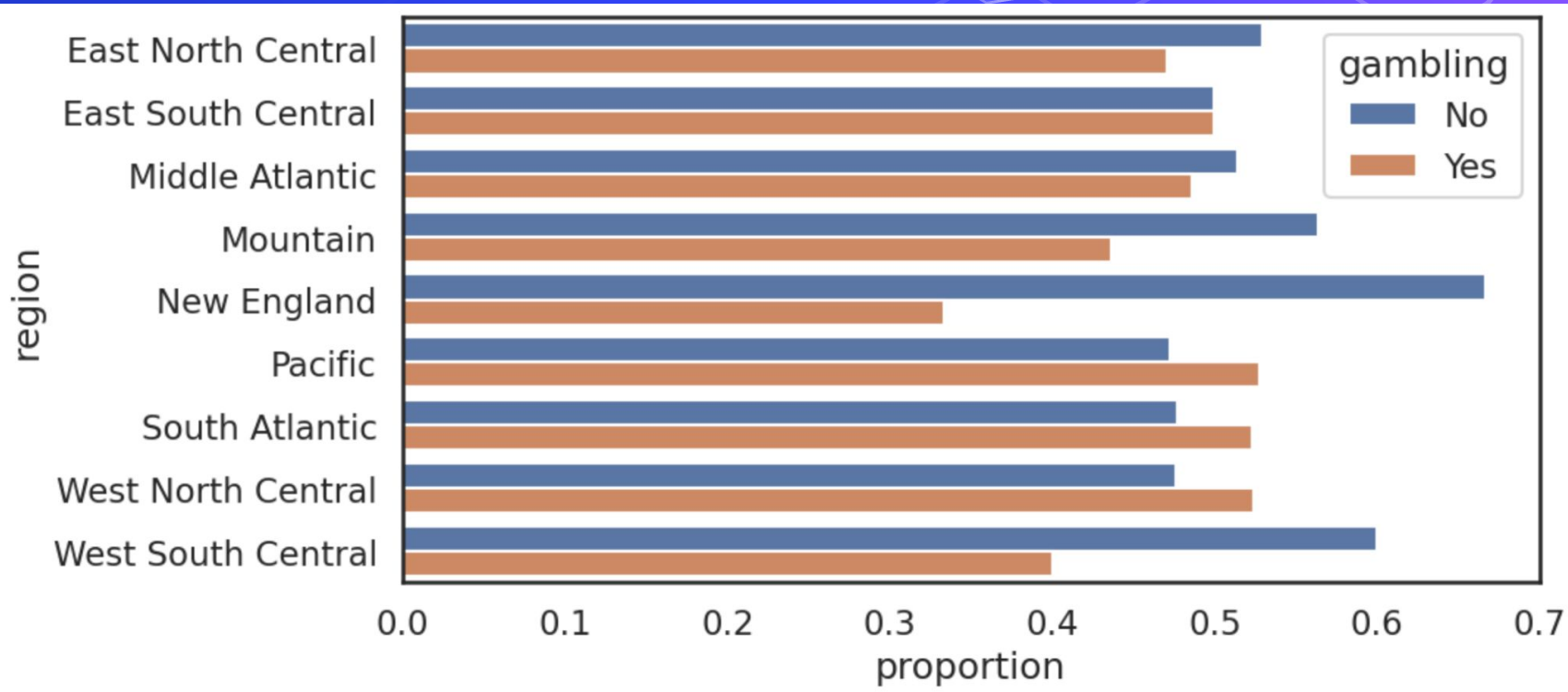
2. PART 1: CHEATING (plot_reorder)



3. PART II: RISKY BEHAVIOR (plot_skydiving)



4. PART III: GAMBLING (plot_gambling)



Thanks!

Ask any questions on EdStem or OH!

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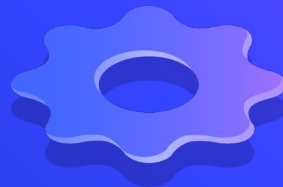
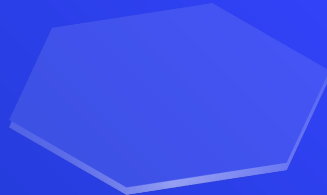
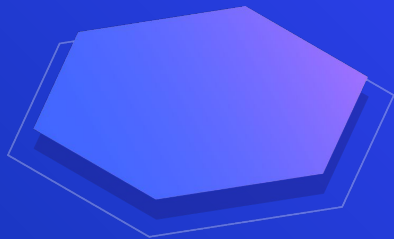
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[OPTIONAL/EXTRA CREDIT]



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Extra resources





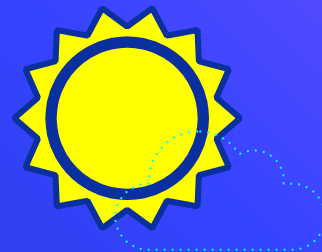
SlidesCarnival icons are editable shapes.

This means that you can:

- Resize them without losing quality.
- Change fill color and opacity.
- Change line color, width and style.

Isn't that nice? :)

Examples:



Find more icons at
slidescarnival.com/extra-free-resources-icons-and-maps

Diagrams and infographics

