Final Project

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Read The Guidelines

Group:https://github.com/COGS108/Projects/blob/master/Option1_Group/FinalProject_Guidelines.md

Individual: https://github.com/COGS108/Projects/blob/master/Option2_Individual/FinalProject_Guidelines.md

Use the Checklist: https://github.com/COGS108/Projects#final-project-checklist

FINAL PROJECT SECTIONS

OVERVIEW

(PERMISSIONS, NAMES, PIDS)

RESEARCH QUESTION

BACKGROUND & PRIOR WORK

HYPOTHESIS

DATASETS

DATA CLEANING

DATA VISUALIZATION

DATA ANALYSIS & RESULTS

ETHICS & PRIVACY

CONCLUSION & DISCUSSION

(TEAM CONTRIBUTIONS)

Group Project Only:

COGS 108 - Final Project

Permissions

Place an x in the appropriate bracket below to specify if you would like your group's project to be made available to the public. (Note that PIDs will be scraped from the public submission, but student names will be included.)

- [ ] YES - make available
- [ ] NO - keep private

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CONCLUSION & DISCUSSION
(TEAM CONTRIBUTIONS)

You <u>can</u> use proposal text directly in final reports (with edits) - You are encouraged to edit & improve sections on proposal, but can copy + paste directly

FINAL PROJECT SECTIONS

OVERVIEW

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RESEARCH QUESTION - move beyond just "is there a correlation?"

BACKGROUND & PRIOR WORK - include introduction to topic, summary of findings, w/ references

HYPOTHESIS - include *why* you think that

DATASETS

DATA CLEANING

DATA VISUALIZATION

DATA ANALYSIS & RESULTS

ETHICS & PRIVACY - think deeply; consider possible outcomes/consequences

CONCLUSION & DISCUSSION

(TEAM CONTRIBUTIONS)

FINAL PROJECT SECTIONS

OVERVIEW - this should include summary of your project w/ results
(PERMISSIONS, NAMES, PIDS)
RESEARCH QUESTION
BACKGROUND & PRIOR WORK
HYPOTHESIS
DATASETS - from "ideal" to reality
DATA CLEANING - if your dataset is already clean, explain this / what checks did you do to ensure this?
DATA VISUALIZATION - spend the time to make these clear and "explanatory"
DATA ANALYSIS & RESULTS - this may require you to approach something deeper than in class!
ETHICS & PRIVACY
CONCLUSION & DISCUSSION - summarize! Be clear! Discuss limitations!
(TEAM CONTRIBUTIONS)

FILE NAMING & SUBMISSION

Group (submitted in group repo):
FinalProject_groupXXX.ipynb

Individual (submitted by making PR to `individual_fa20` repo):
FinalProject_GH.ipynb (i.e. FinalProject_ShanEllis.ipynb)
- In `final_project/` directory

Group Projects: It's week 9!

- Should have dataset(s) by this point
- Should have carried out EDA and started analysis
- Should know if the question you want to answer can be answered with the data you have

If your question cannot be answered with your data:

- Modify question
- Change topic
- Find different data