

R Analysis Assignment II - Presentation

Background

In this assignment, you will pick a dataset that aligns with your interest and conduct novel, self-directed analysis.

There are three parts to the assignment:

- Independent Proposal
- Class presentation and feedback
- Final submission

For this project, you will identify a published dataset to apply the R tools we've worked with this semester and conduct a new analysis. This may be a dataset that was originally analyzed with a different language or older R tools – or analyze the dataset with a different research question.

This second part of the assignment is to share your project idea with your peers and practice giving feedback. This part is elaborating on the project proposal you just completed in the first part so make sure you are continuing your work from here and expanding it rather than starting from scratch. Through this activity, you may also find others are working on similar analysis and continue supporting each other past this presentation. You are encouraged to discuss the challenges and road blocks you encounter with your peers but all the code you write and the analysis you had in must be of your own thoughts and voice.

Objectives

- Clearly and concisely present your research proposal to your peers including the research question you are investigating, why it matters, and how it will be addressed in your analysis
- Provide respective and constructive feedback on your peer's research proposal
- Reflect on how this feedback will impact your proposed analysis, if any.

How to complete the assignment

Record a video of your project proposal presentation that is no longer than 8 minutes. This will be submitted to the course assignment link for grading and presented to your peers in class.

During class, you will be assigned into breakout groups and provided a shared document with a template to take notes. The members in your breakout group will rotate through roles:

- The **presenter** will give their presentation that has been pre-recorded
- The remaining group members will provide **feedback** on the presentation (Ex. Strengths of the proposal? Which areas are missing context? Which areas of the analysis can be strengthened or alternate approaches be taken?)
- One member (not the presenter) will be the **note taker** to jot down notes about the conversation

You must be the presenter once and the note taker at least once. When not presenting, you are expected to be actively listening and providing feedback.

30 mins will be provided at the end of the class to review the notes and reflect on the exercise. Copy the notes about your presentation from the shared document and write a short $\frac{1}{2}$ -1 page reflection about the peer feedback and which aspects will you incorporate into your analysis. Save this document as pdf and submit it to the assignment link.

Submit recorded presentation to the first assignment link **before the start of the presentation class**.

Submit a pdf with the group feedback notes regarding your presentation **and** your personal reflection at the end of class **before the end of class**.

Course grade

There are three components to this assignment that contribute a total of 10% to the final course grade:

3% - presentation

3% - peer feedback

4% - reflection

Support

You are recommended to start preparing your presentation while you are finalizing the proposal or as soon as you are done this assignment. The presentation will summarize your proposal. The peer feedback and reflection will be completed during class time.

Questions should be posted on the course discussion board so that everyone has the same information and to reduce repeated questions. Clearly indicate which assignment and question you are inquiring about in the subject.

Rubric

Presentation

| Evaluation | Does not meet expectations | Meets expectations | Exceeds expectations |
|---------------------------------------|---|---|--|
| Project proposal description 7 pts | Description is unclear. May be missing key information from the proposal for the audience | The description is clear and generally easy to understand with a few exceptions | The description is comprehensive and easy to understand 6-7 pts |

| | | | |
|-----------------------|--|---|--|
| | to understand the context or approach 0-3 pts | 4-5 pts | |
| Presentation 2 pts | Delivery is unclear, difficult to follow direction of the project 0-0.5 pts | Delivery is clear, effective, and easy to understand 1 pts | Delivery is engaging, clear, and presented in a logical order 2 pts |
| Format 1 pt | Presentation is over 8 mins 0 pts | Presentation is within 8 mins 1 pts | NA |

Peer feedback

| Evaluation | Does not meet expectations | Meets expectations | Exceeds expectations |
|--------------------------------------|---|---|---|
| Engagement in peer feedback 6 pts | Insufficient participation, feedback was brief or limited 0-2 pts | Participated in discussions, identified areas that the speaker did well and should work towards improving 3-4 pts | Meaningful participation, feedback includes examples from the presentation and suggestions for improvement 5-6 pts |
| Note-taker 4 pt | Missing role of peer feedback Documented feedback is insufficient, missing details for the presenter to interpret 0-1 pts | Supported peer feedback as a note-taker at least once. Documented feedback about the presenter's presentation 2 pts | Supported peer feedback as a note-taker at least once. Documented comprehensive feedback about the presenter's presentation including examples and the group's suggestions for improvement. 3-4 pts |

Reflection

| Evaluation | Does not meet expectations | Meets expectations | Exceeds expectations |
|--|--|--|--|
| Consideration of group feedback 7 pts | <p>Summary of discussion is inadequate or unclear.</p> <p>Unclear how the feedback will be incorporated into the rest of the assignment</p> <p>0-3 pts</p> | <p>Areas of concern are identified.</p> <p>Outlines plan for addressing some of the concerns or suggestions to the final assignment</p> <p>4-5 pts</p> | <p>Addresses areas of concern from the group.</p> <p>Includes reasoning for suggestions that are not going to be incorporated into the final assignment and/or next steps for implementing suggestions that can be incorporated</p> <p>6-7 pts</p> |
| Communication 2 pts | <p>Writing is unclear, difficult to follow the author's ideas</p> <p>0-0.5 pts</p> | <p>Writing is clear, effective, and easy to understand</p> <p>1 pts</p> | <p>Writing is clear and presented in a logical order</p> <p>2 pts</p> |
| Format 1 pt | <p>Missing the groups feedback documented in the shared document.</p> <p>Reflection exceeds the $\frac{1}{2}$ page limit</p> <p>0 pts</p> | <p>Includes the groups feedback documented in the shared document.</p> <p>Reflection does not exceed $\frac{1}{2}$ a page</p> <p>1 pts</p> | NA |