Scientific posters + Feedback on EDA drafts

From Data to Insight

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Scientific posters

What is a poster?

▸ Your poster is a short story

▸ Describe a few major points

▸ Arouse the reader's interest to read on

▸ Less is more!

Tips

▸ Use the same section headings as your paper

▸ Make your plots easily readable from a reasonable standing distance

▸ Use small blocks of supporting text, preferably in bullet points

▸ Make sure all text is easily readable

▸ Include your team name and team members' names

Examples

▸ Come by my office for examples from a different course

▸ Google "scientific posters" but note that some of them summarize years of research (as opposed to weeks)

Feedback on EDA drafts

Easy fixes

‣ Dataset description

    ‣ Use ` around your variable names

    ‣ Use a bulleted list for your variables

‣ Dataset structure

    ‣ Do the filtering here to get rid of cases you don't want

    ‣ Rename variables you want to use to have shorter names

    ‣ Select just the variables you want to use and show those in the str()

‣ EDA

    ‣ group_by() instead of creating subsets for summary statistics

    ‣ Distribute your description / interpretations among graphs -- don't give a list of graphs and then a giant wall of text, matching the graphs to the description is the author's job, not the reader's

Requiring more thought

▸ Don't just describe what's on your plots

▸ Interpret the results

▸ And interpret them in context of your research question