Final Project Presentation and Write-Up

1   Logistics

Presentation: Poster presentations will be in class on Thursday, 3/14, 1:30-2:50 pm. If you can't make this time, with a valid reason, fill out this form so we can coordinate an online presentation session. If you cannot make this time but the rest of your group can, you still must make up the presentation. You should also upload a pdf of your poster to Gradescope.

Write-Up: The final write-up will be due Monday, 3/18, at midnight, with no late submissions allowed. The deliverable is creating and completing a page on our **Stats 100 Final Project Blog**, which is through wordpress. If you do not want your project to be publicly shared, please email me (whartog@stanford.edu) before the same write-up deadline.

2   Poster Guidelines

Motivation: The reason our presentations are in the form of posters is because one main way of sharing your ideas, in sports analytics and in academia in general, is through attending a poster session. The Carnegie Mellon Sports Analytics Conference has many examples of posters from undergraduate sports analytics researchers.

Audience: As such, your audience for this poster should be other peers or industry members who have a knowledge or interest in sports and statistics, but might not know the specifics of your sport or topic. Your poster should be designed to succinctly get across the main points of your project, a la an elevator pitch. Think of it as a tool you can use when discussing your project, or a quick summary that a conference-goer can read. The Carnegie Mellon conference is a perfect reference point, as those projects were also from students. You might even want to submit your poster to the fall version of this conference!

Content: It is up to you how to organize the poster, but you should

- Motivate and state your project's question.

- Describe the data you are using.

- Describe the methods that you are using.

- Give your results and your takeaways.

- Include plots that convey your results in a clear way.

You will be graded based on these components (**50%** of presentation grade). Unlike previous project assignments, the quality of your explanation of ideas and implementation will be evaluated. In addition, we will grade the clarity of your ideas and organization and visual appeal of your poster (**20%** of presentation grade). Visual appeal does not have to be fancy, a simple but clear poster can have good visual appeal.

It is okay if you do not include all the results or analyses from your project, or haven't completed some yet, especially given the tight turnaround. The write-up is for the full report.

Presentation: For the poster presentation itself, we will divide the class time into three 20 minutes blocks in one of which you will stand by your poster and present your work to classmates and the teaching staff (**20%** of presentation grade). When not presenting, you will view other student work, submitting notes on at least two projects (**10%** of presentation grade), on a Google form which will be made available the day of the presentations.

3   Poster Printing

Specifications:

- Your poster should be 24" by 36", which you can do by setting the size of a slide in powerpoint/slides, and downloading the pdf.

- You should look at your pdf in 100 resolution so you can see what the quality of your images/etc. will look like when printed.

Printing:

- Upload your pdf to the Poster Portal, with order coupon code STATS100MAR2024 (or STATS100MAR2024 for the rush order)

- Submit by **Friday, March 8 at 9 pm** to have your poster printed for free.

- Submit by **Sunday, March 10 at 9 pm** to have your poster printed with a late fee of $25.

- You will be notified by email when your posters are available for pick-up.

If you can't make this late deadline, you will be responsible for creating your own poster.

4   Write-up Guidelines

Motivation: The other main way for those entering the sports analytics field is to share their work online, often via a blog post. This allows the blog post to be shared easily via social media, or for it to come up in a Google search of analytics work on your topic. Many college sports analytics, for example, have their own blogs, including the Stanford Sports Analytics Club.

Audience: Your audience for the blog should be similar to the poster, but should be a bit more general. Any fan of your sport should be able to understand the main takeaways of your project and why you came to that conclusion. However, it should also include more detail than the poster, and fully encompass your project process, as you would expect from an academic paper.

Content: You should include these elements in the write-up, though you are welcome to exercise creativity in your presentation of them.

- Introduction, related work, data, methods, results, conclusions.

- Link to a github or other repository with your code.

- References, either linked directly in article, at end of article, or in code repository. (Just make it clear where to find it).

You may of course reuse anything you've already written for the poster or project update. However, we encourage editing or rewriting these sections to better reflect your final version of the project, as well as to check for good flow and grammar.

The grading breakdown for this write-up is **80%** content, **20%** organization and grammar. As in the presentation, you will be graded on the quality of your ideas, exposition, and implementation, unlike the previous project assignments.

Wordpress: We will be using Wordpress, which has LaTeX functionality. I am still ironing out the details, but you will all be added as collaborators by Thursday's class. I am also figuring out the details with you all, so it will be a collaborative process of making our blog look great. Let me know if you encounter issues or have ideas about how to make the website better. Again, if you don't want your project to be posted, let me know by email (whartog@stanford.edu) by the write-up deadline.