

White House Bowlarama 2025

(White House Logs)

Audience:

My target audience for this presentation is a planning committee for the upcoming Bowlarama team event. This would include representatives from both departments that would be in attendance.

Purpose:

To recommend the best time and date for hosting the annual bowling competition by considering attendance trends and vendor coordination.

Medium:

I decided to use a powerpoint format as this would be at a planning committee and this is the medium that is the most likely to be used in that setting. It effectively communicates the key findings through the visualizations and descriptions.

Design Choices:

I chose to go with bright colors and a consistent color scheme, to best connect with the presentation. With this being a fun team event that is being planned I added some of the theming to the presentation and modified my word choices to match the potential excitement.

Ethical Considerations:

- What changes were made to the data?
 - I started by loading all 25 datasets into the notebook and looking at the columns in each to find the best way to merge them. I decided to keep all columns the same as my first dataframe as it had all of the potential columns I would need for this analysis. By merging in this way I did drop potential junk columns in other datasets that would have made merging datasets completely more difficult. Time based filtering was also applied to keep only relevant times between 9 am and 9 pm as these are the operating times.
- Are there any legal or regulatory guidelines for your data?
 - This is a publicly available dataset that is maintained by the White House. It should be assumed that it complies with the federal regulations on data transparency and sharing. No sensitive data was altered or accessed, thus adhering to ethical use.
- What risks could be created based on the transformations or how the visualizations are presented?
 - There is a potential risk of misinterpretation if the audience is not aware of data exclusions or transformations.

- Did you make any assumptions in cleaning/transforming or when presenting the data? Did you filter any data without labeling or clearly identifying that the data was not included?
 - I assumed that missing data was considered null and I assumed the operating hours based on the reservations as this is not public knowledge. Time filtering and grouping based on day of the week were utilized to find actionable insights.
- How was your data sourced/verified for credibility?
 - The data frames credibility is supported from a publicly available government maintained source.
- Was your data acquired in an ethical way?
 - The data was accessed through ethical means from a publicly available source.
- How would you mitigate any of the ethical implications you have identified?
 - All of the transformations, filters and assumptions are documented though the analysis. The presentation ensures that the insights are based on clear and untouched trends.