

Capstone Project Guide Line

The final task of this capstone project is to create a presentation based on the outcomes of all tasks in previous modules and labs. Your presentation will develop into a story of all your data science journey in this project, and it should be compelling and easy to understand.

In the next exercise, you can find a provided PowerPoint template to help you get started to create a report in slides format. However, you are free to add additional slides, charts, and tables.

Note that this presentation will be prepared for your peer-data-scientists whom are eager to understand every technical detail of this project. As such, this presentation will be much more detailed and technical than regular high-level and abstracted presentation for your executive team.

Once you have completed a detailed report, it should be straightforward for you to abstract it into a high-level deck for your executive team and/or stakeholders.

There are a total of 40 points possible for the final assessment, and you will be graded by your peers, who are also completing this assignment.

The main grading criteria will be:

- Uploaded the URL of your GitHub repository including all the completed notebooks and Python files (1 pt)
- Uploaded your completed presentation in PDF format (1 pt)
- Completed the required Executive Summary slide (1 pt)
- Completed the required Introduction slide (1 pt)
- Completed the required data collection and data wrangling methodology related slides (1 pt)
- Completed the required EDA and interactive visual analytics methodology related slides (3 pts)
- Completed the required predictive analysis methodology related slides (1 pt)
- Completed the required EDA with visualization results slides (6 pts)
- Completed the required EDA with SQL results slides (10 pts)
- Completed the required interactive map with Folium results slides (3 pts)
- Completed the required Plotly Dash dashboard results slides (3 pts)
- Completed the required predictive analysis (classification) results slides (6 pts)
- Completed the required Conclusion slide (1 pts)
- Applied your creativity to improve the presentation beyond the template (1 pts)

- Displayed any innovative insights (1 pts)

You will not be judged on:

- Your English language, including spelling or grammatical mistakes
- The content of any text or image(s) or where a link is hyperlinked to