

CAPSTONE PROJECT - TEMPLATE

INTERIM REPORT

Your Capstone Project Interim Report must include the following:

1. **Proposed Solution**
Describe what steps you plan to (or have begun) implementing in order to get to the solution to your stated problem. A workflow summarizing the steps is usually a good start.
2. **Evaluation metrics**
How do you know you have solved your problem? What metrics are you measuring that indicate a successful solution? If you have a benchmark model or solution that you are comparing your solution against, please include information on this.
3. **Exploratory Data Analysis**
Describe what you have learned about the data you are working with. Include information about features, calculated statistics and insights about handling the data. If you have encountered abnormalities or unique characteristics about the data, describe these.
4. **Exploratory visualization**
Include any insightful visualization you have teased out of the data. If you've identified particularly meaningful features, interactions or summary data, share them and explain what you noticed. Visual displays are powerful when used well, so think carefully about what information the display conveys.
5. **Summary of Initial Findings**
Describe what you have learned so far, what models you have used and the progress you have made towards your intended solution.
6. **Challenges**
Explain what challenges you have faced (or continue to face) at this stage of your analysis. What models have you used, and what characteristics of the data or models are presenting a challenge.
7. **Next Steps**
Describe how you will proceed with the analysis, what models will you use, and how you will build on your initial analysis to increase the power/accuracy of your solution.