**Objective**

3-5 sentences that answer the following questions:

What are the questions that you are attempting to answer?

Why are these questions of interest? (Suppose that you wanted to convince an adviser to allow you to work on this project. What would you say?)

What are the limitations of the data set regarding the above two points?

**Description of Data and Data Preparation**

1-3 paragraphs

This section should answer the following questions in 1-3 paragraphs:

How were the data obtained? (Include links to the data or the steps required to obtain the data).

Describe in detail the steps that were followed to prepare the data for analysis. Provide links to code in your repository that perform the steps described. ("e.g., the data file was first preprocessed to remove ... then the file was read line-by-line in MATLAB and the column containing the temperature measurements were extracted along with the time associated with the measurement").

**Overview of Data**

1-3 paragraphs

What are the overall features of the data? Include plots that show trends over time, histograms, and basic views of the data. Make sure the axes are labeled and the plots clearly present the data.

**Analysis**

1-3 paragraphs

Present the analysis that was performed to answer the questions identified in the Objective section.

**Discussion**

Discussion of further analysis or future work. Discussion of how your analysis relates to other research that used these data.

**Appendix**

Interesting plots or observations that don't fit in to the body of the report.