# Potential Write-Up Format

## **1. Introduction**

* **Intro paragraph**
  + Why did your team choose this topic?
  + Purpose of analysis
* **SMART Questions**
  + Your research questions, and how did they come up?

## **2. Dataset Description & Preparation**

**Dataset Overview**

* Info about data set and variables
  + number of columns, variable description, etc

**Data Preprocessing/Cleaning**

* Mention removal of variables or rows
* Any missing /NA?
* Any data type conversions?

**\*\* Data Limitations *(if any)* – Can also go at the end? (see above “Conclusions”)**

## **3. Literature Review (if applicable)**

- Any previous research/ analysis on this?

## **4. Exploratory Data Analysis**

- Descriptive Statistics

- Plots and analysis

## **5. Modeling Techniques & Evaluation**

- How did you select and determine the correct model to answer your question?

- Build Models

- Analyze/ Evaluate Models using evaluation metrics?

## **6. Interpretation of Results.**

- Interpret results

- What Predictions Can You Make from Your Models? Examples?

- How good is your model?

- How reliable are your results?

\*\* LIMITATIONS:

*- What additional information or analysis might improve your model results or work to control limitations?*

## **7. Conclusion.**

- Summary

- How Do These Answer the Research Questions?

## **8. References (APA Style)**