



Winning Space Race with Data Science

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Outline

- Executive Summary
- Introduction
- Methodology
- Results
- Conclusion
- Appendix

Executive Summary

METHODOLOGIES USED

- Data Collection
- Data Wrangling
- Data Analysis with Visualisation
- Data Analysis with SQL
- Folium Interactive Map
- Interactive Dashboard
- Predictive Analysis

RESULTS

- EDA Results
- Interactive Analysis Dashboard
- Predictive Analysis

Introduction

- **Project background and context**

In this capstone, we will predict if the Falcon 9 first stage will land successfully. SpaceX advertises Falcon 9 rocket launches on its website, with a cost of 62 million dollars; other providers cost upward of 165 million dollars each, much of the savings is because SpaceX can reuse the first stage.

- **Problems you want to find answers**

if we can determine if the first stage will land, we can determine the cost of a launch. This information can be used if an alternate company wants to bid against SpaceX for a rocket launch.