

Introduction

Data Collection using scraping and SpaceX API, Exploratory Data Analysis (EDA), including data wrangling, data visualization, interactive visual analytics, and machine learning prediction.

It was possible to collect valuable data from public sources; EDA allowed us to identify which features are the best to predict the success of launchings; Machine learning prediction showed the best model to predict which characteristics are important to drive the opportunity in the best way, using collected data. The objective is to evaluate the viability of the new company Space Y to compete with Space Y.