Result

- Exploratory data analysis results:
  - Space X uses 4 different launch sites
  - The first launches were done to SpaceX itself and NASA
  - The average payload of the F9 v1.1 booster is 2,928kg
  - The first syces landing outcome happened in 2015 five years after the first launch
  - Many Falcon 9 booster versions were successful at landing in drone ships having payloads above the average
  - Almost 100% of mission outcomes were successful
  - Two booster versions failed at landing on drone ships in 2015: F9 v1.1 B1012 and F9v1.1 B1015
  - The number of landing outcomes became as better as years passed.
- Using interactive analytics was possible to identify that launch sites use to be is safe places, near the sea, for example, and have a good logistic infrastructure around.
- Most launches happen at east cost launch sites.
- Predictive analysis showed that the Decision Tree classifier is the best model to predict successful landings, having an accuracy of over 87% and an accuracy for test data over 94%.