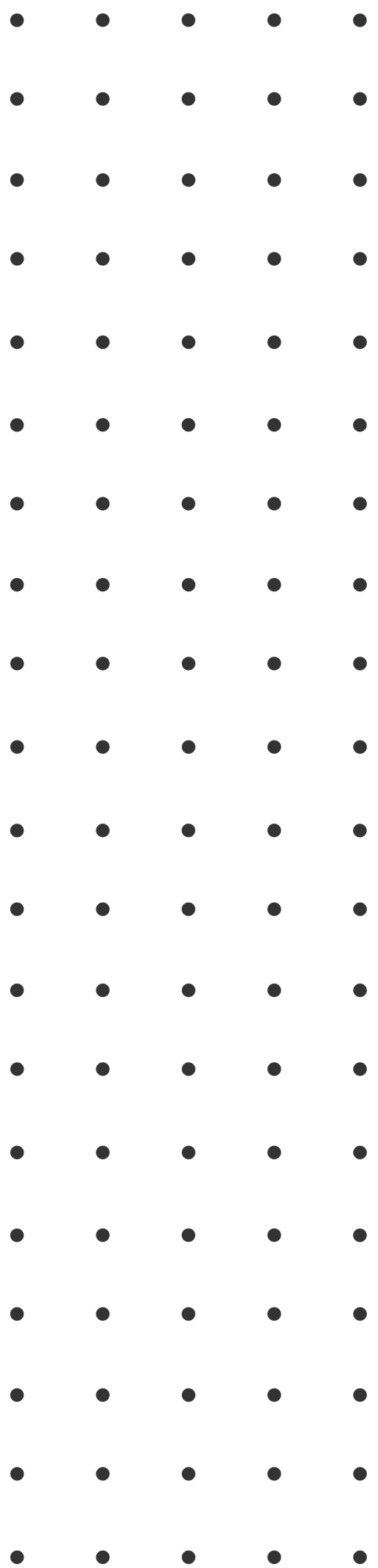




SPACE MISSIONS



Contents

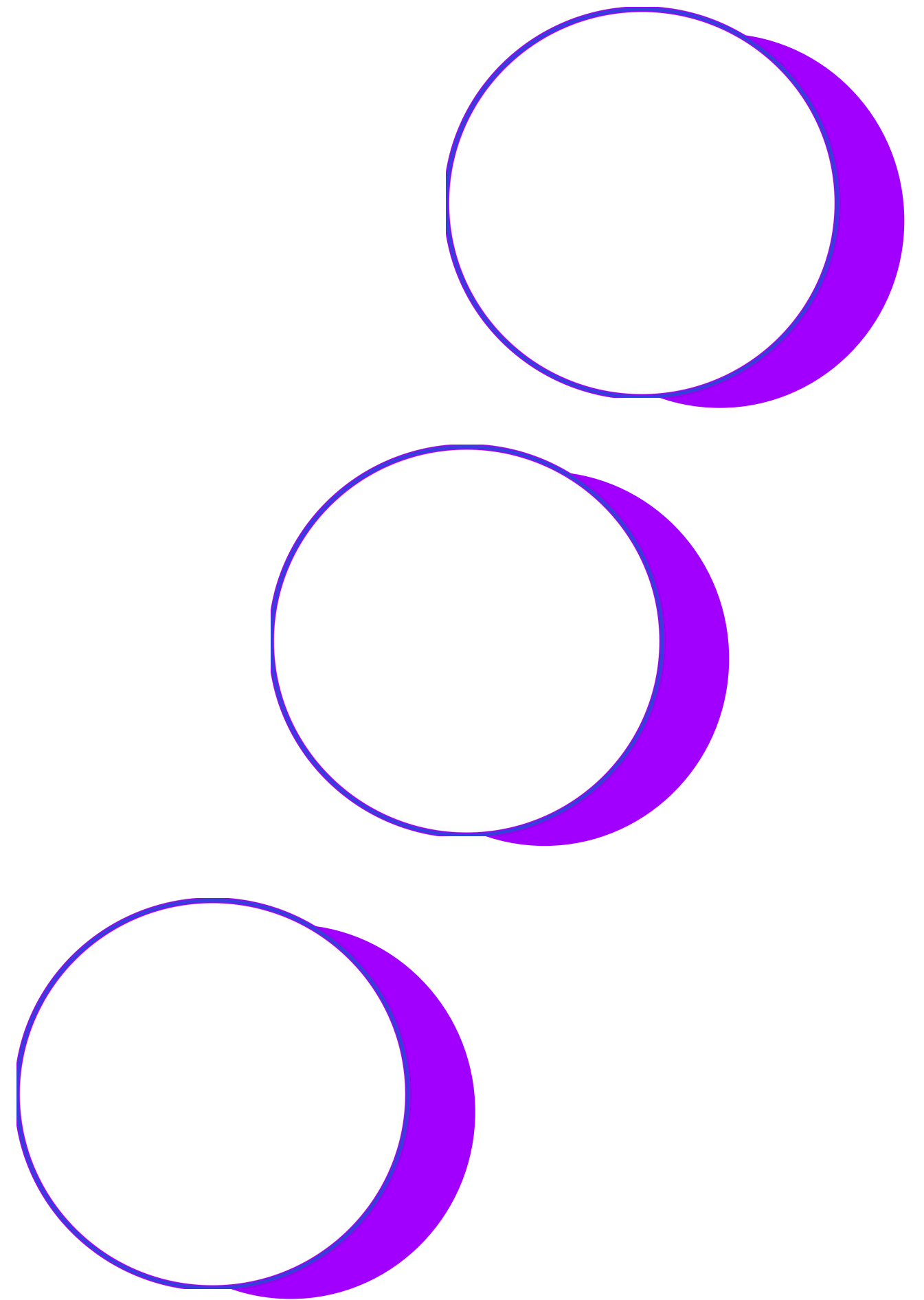
Project recap

Problem

Process

Insights

Summary

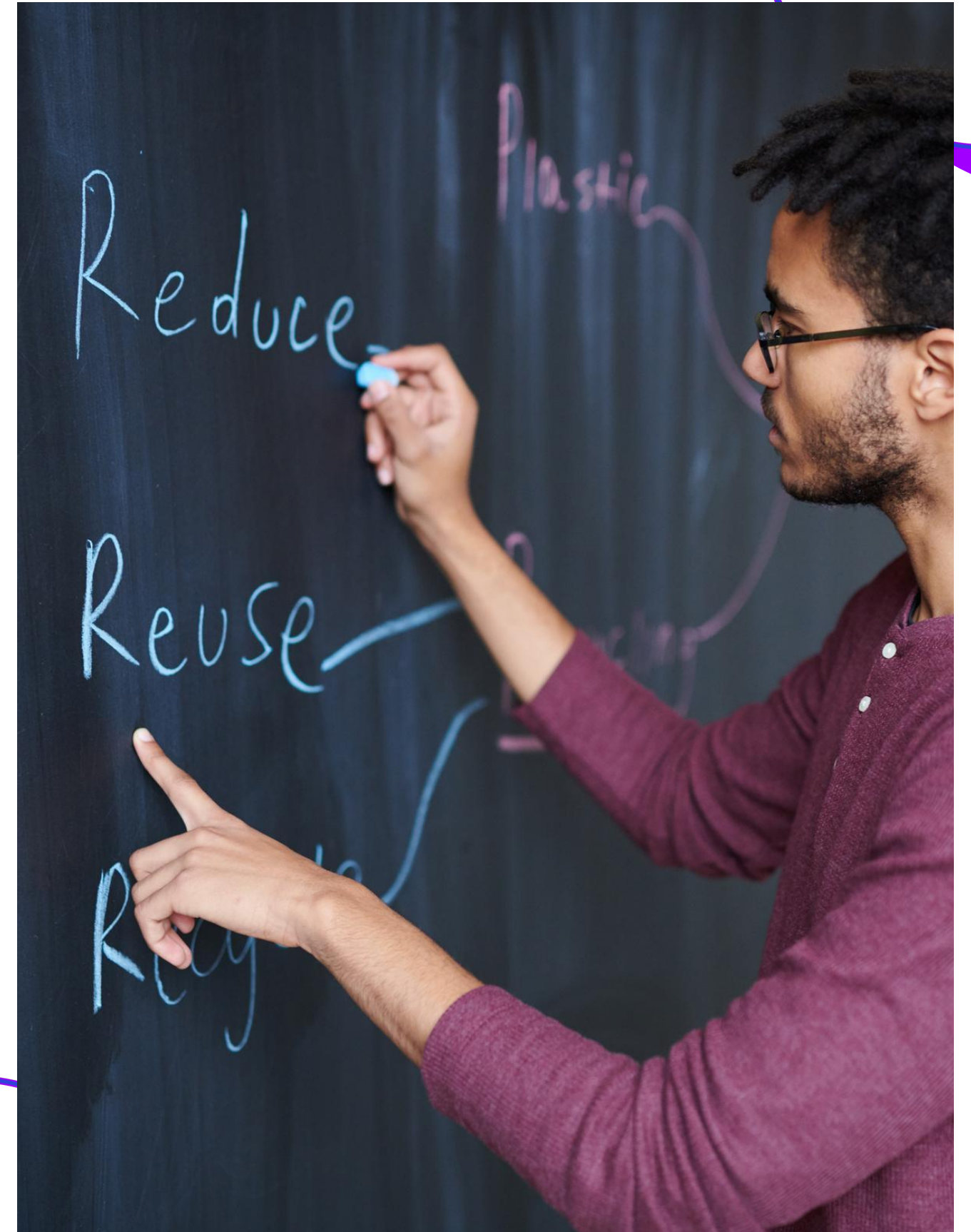


Project Recap

In recent years, we have seen a significant increase in the number of space launches. However, several questions arose that we try to answer.

Problem

Over 4000 info about space
launches





Questions

- ¿Who launched the most missions in any given year?
- ¿How has the cost of a space mission varied over the time?
- ¿Which months are the most popular for launches?
- And, the most important ¿space mission have become safer?

Process

1

Data Understanding

2

Data Cleaning

3

Data Modeling

4

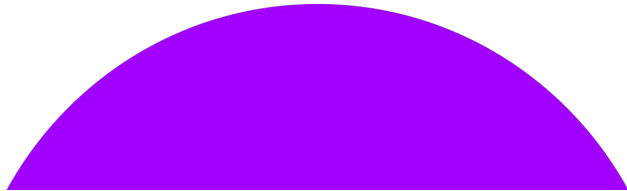
Data Analysis

5

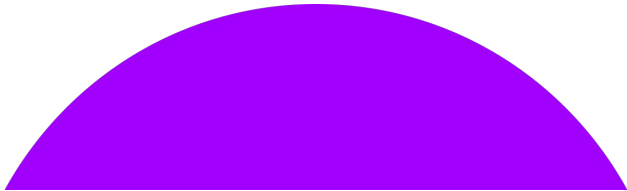
Uncover Insights

Insights

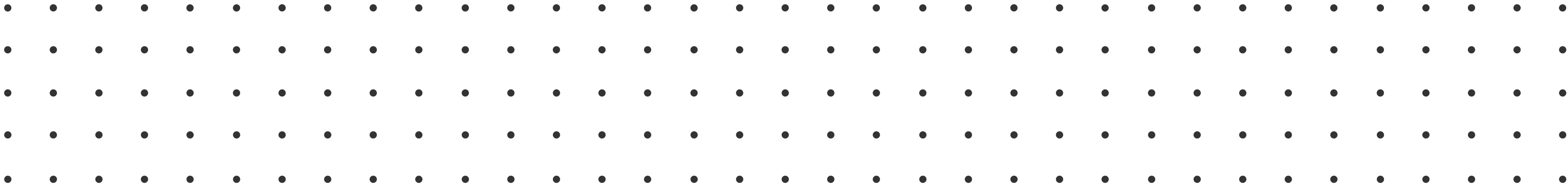
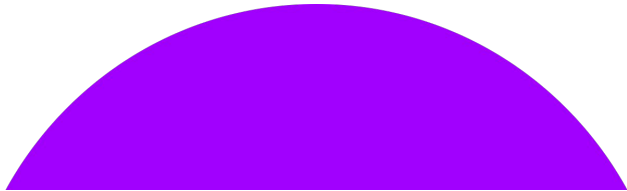
RVSN USSR
1777 launches

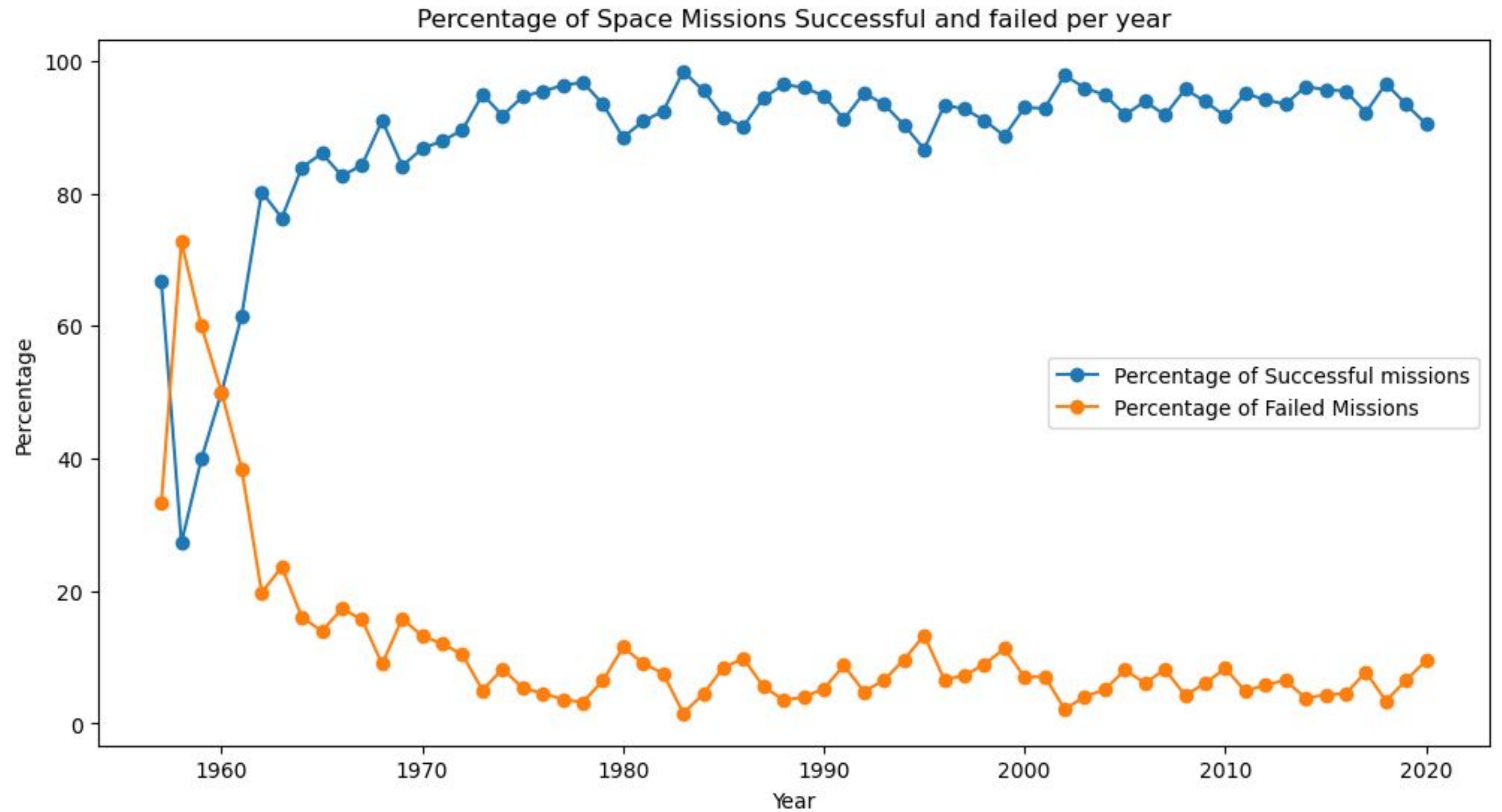


U\$ 120M
most expensive



DECEMBER
month with most launches





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RVSN USSR has led in number of launches over the years. **93** launches only in **1976**.
June and **December** are the most popular months.

Regarding costs, there is a general **upward trend**, but after 2010 a considerable decrease in costs can be observed.

For the other hand, the success rate has **improved** considerably over the years.

Although costs have increased, the frequency of releases in certain months suggests strategic planning. Most encouragingly, space missions have become significantly safer, reflecting technological and operational improvements. Based on these findings, I recommend that future missions consider these patterns to optimize costs and ensure success.