Name	Lokesh V
Project name	Airlines Data Analytics for Aviation Industry
Team ID	PNT2022TMID28566

ASSIGNMENT-1

QUESTION:

Explore the profit from the startup dataset with the features available to us. We are using the 50 startups dataset for this problem statement. The problem statements are:

1.R & D spending

2.Administration spending

3.Marketing spending

4.State

5.Profit

Administration and Profit for State regions 2

Administration (Sum   Profit (Sum)

1,948,302.36   2,066,259   1,766,387.98

1,933,859.59

Details

Over all **states**, the sum of **Administration** is almost 6.1 million.

For **Administration**, the most significant values of **State** are New York and California, whose respective **Administration** values add up to over 4.1 million, or 67.9 % of the total.
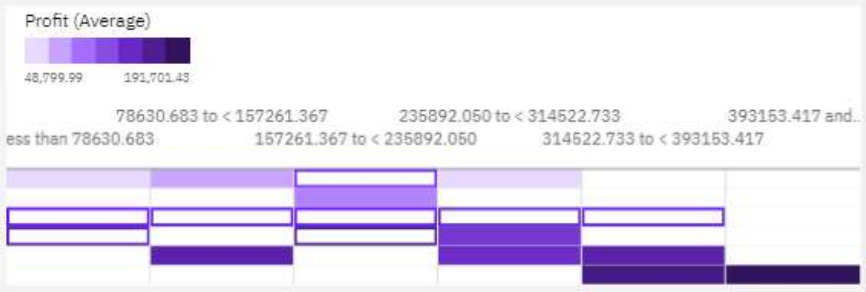
Administration ranges from over 1.9 million, in Florida, to nearly 2.1 million, in New York.

Profit

Predictive strength

Details

No details found

No details were found for this visualization.

Profit by R&D Spend (Group) (1) and Marketing Spend (Group)

Profit (Average)

48,799.99   191,701.43

| | 78630.683 to < 157261.367 | | 235892.050 to < 314522.733 | | 393153.417 and.. |
| ess than 78630.683 | | 157261.367 to < 235892.050 | | 314522.733 to < 393153.417 | |

Add +

Profit and Marketing Spend by State

Measures

Marketing Spend   Profit
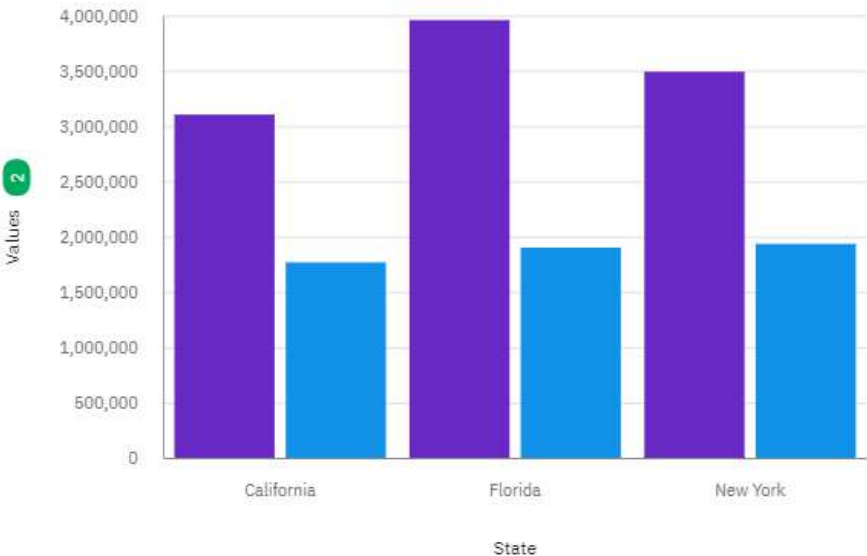
Details

The total number of results for **Marketing Spend**, across all **states**, is 50.

Across all **states**, the average of **Marketing Spend** is over 211 thousand.

The most common values of **State** are New York (34 %) and California (34 %), together occurring 34 times, which is 68 % of the total.

The total number of results for **Profit**, across all **states**, is 50.

Across all **states**, the average of **Profit** is over 112 thousand.

Marketing Spend ranges from over 3.1 million, in California, to almost 4.0 million, in Florida.

Profit ranges from nearly 1.8 million, in