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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   2,066,239   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.
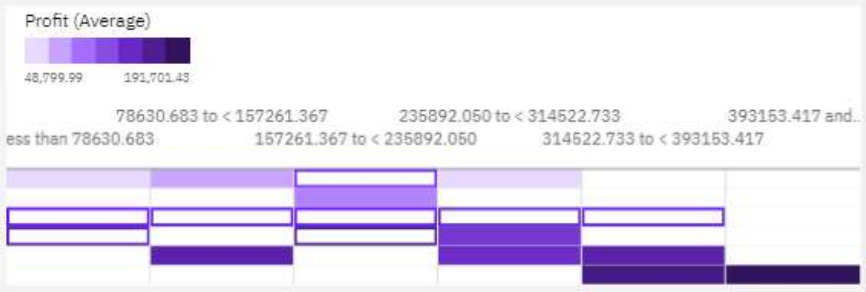
Administration ranges from over 1.9 million, in Florida, to nearly 2.1 million, in New York.

Profit

Predictive strength

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 +

Details

No details found
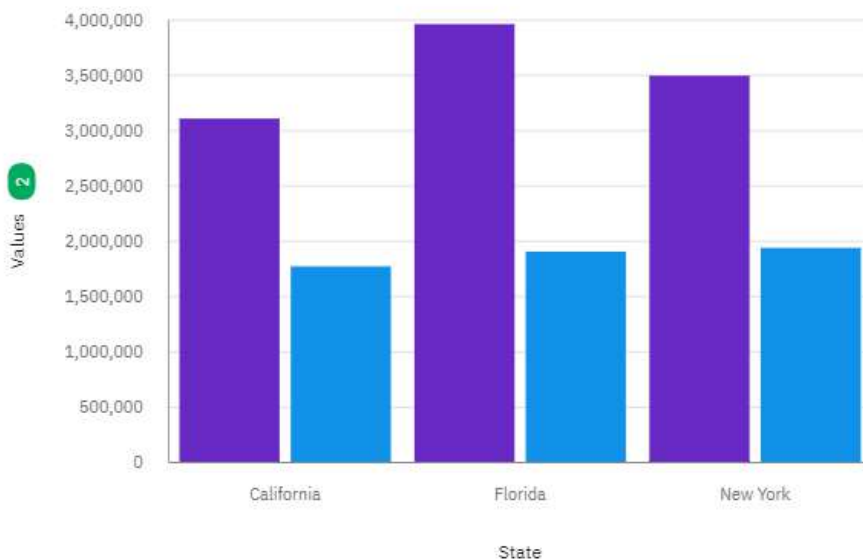
No details were found for this visualization.

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