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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



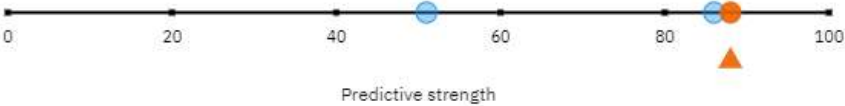
Details

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.

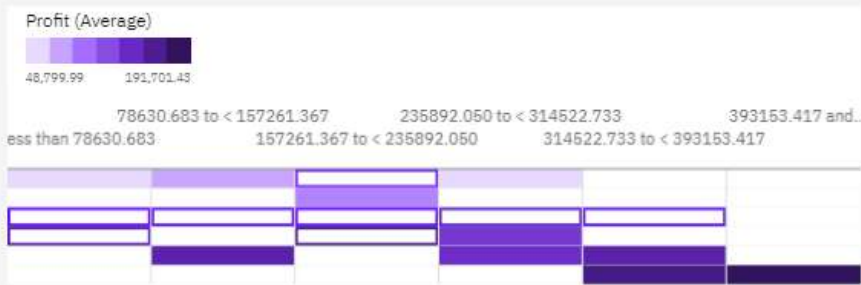
Administration ranges from over 1.9 million, in Florida, to nearly 2.1 million, in New York.

Profit



Details

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



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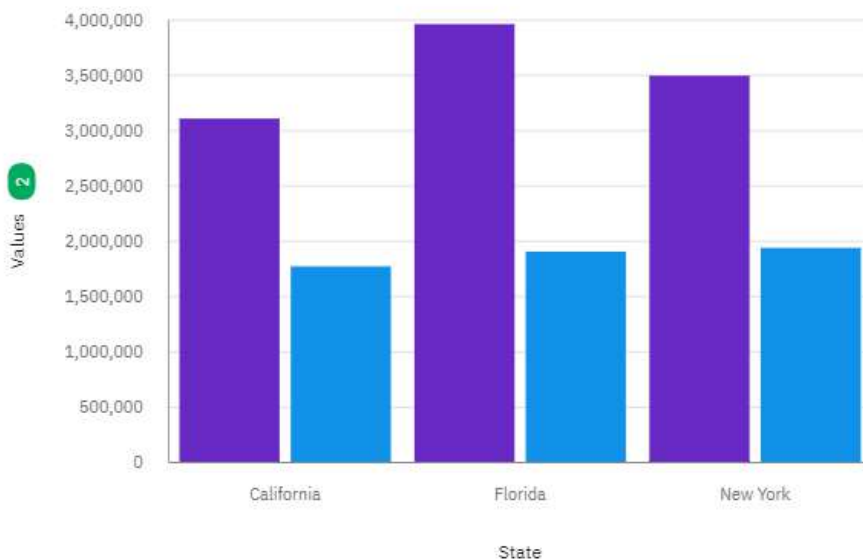
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Profit and Marketing Spend by State

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