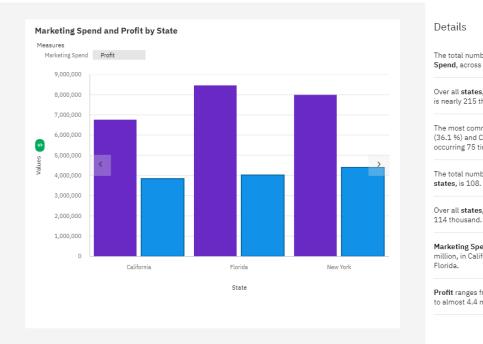
ASSIGNMENT

Exploring and Visualizing datasets

ANUSUYA V

113219031013

Column:



The total number of results for **Marketing Spend**, across all **states**, is 108.

Over all **states**, the average of **Marketing Spend** is nearly 215 thousand.

The most common values of **State** are New York (36.1 %) and California (33.3 %), together occurring 75 times, which is 69.4 % of the total.

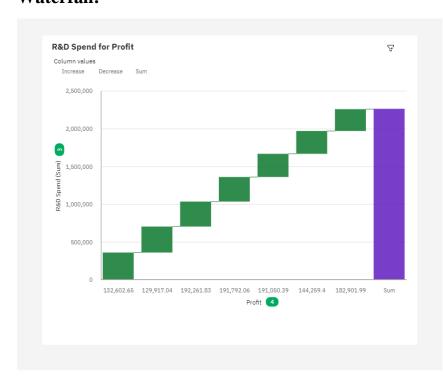
The total number of results for **Profit**, across all **states**, is 108.

Over all **states**, the average of **Profit** is nearly 114 thousand.

Marketing Spend ranges from almost 6.8 million, in California, to almost 8.5 million, in Florida.

Profit ranges from over 3.8 million, in California, to almost 4.4 million, in New York.

Waterfall:



Details

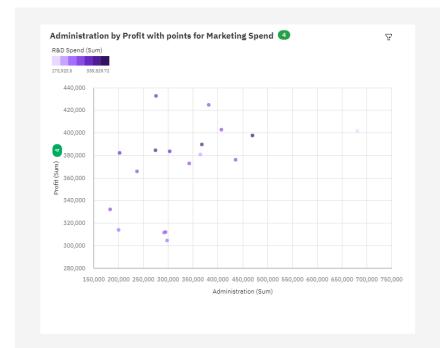
R&D Spend ranges from nearly 289 thousand, when Profit is 182901.99, to nearly 360 thousand, when Profit is 132602.65.

The total number of results for R&D Spend, across all profits, is 17.

Over all **profits**, the average of **R&D Spend** is almost 133 thousand.

The most common values of **Profit** are 144259.4 (17.6 %), 132602.65 (17.6 %), and 129917.04 (17.6 %), together occurring 9 times, which is 52.9 % of the total.

Scatter:



Details

The total of **Profit** is almost 6.7 million.

Profit and Administration have a weak positive linear association, being Profit = 334478 + 0.1165 * Administration

Heatmap:



Details

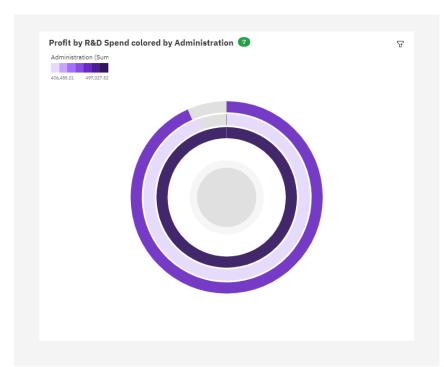
For **Profit**, the most significant values of **Administration** are 91790.61 and 127320.38, whose respective **Profit** values add up to almost 858 thousand, or 7 % of the total.

For **Profit**, the most significant value of **State** is New York, whose respective **Profit** values add up to almost 4.4 million, or 35.9 % of the total.

Across all **administrations** and **states**, the sum of **Profit** is over 12 million.

The summed values of **Profit** range from over 29 thousand to almost 433 thousand.

Radial:

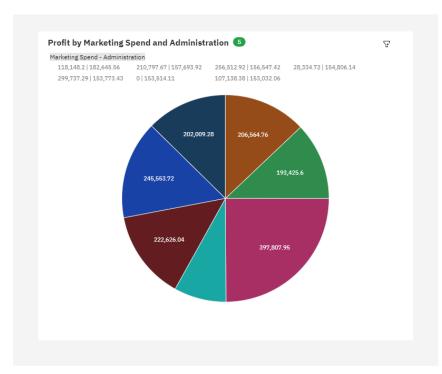


Details

Across all r&d spends, the sum of Profit is over 1.2 million.

Profit ranges from nearly 398 thousand, when R&D Spend is 119943.24, to over 426 thousand, when R&D Spend is 20229.59.

Pie:



Details

The total of **Profit** is nearly 1.6 million.