

# ASSIGNMENT – 1

The case study for 50 Startups

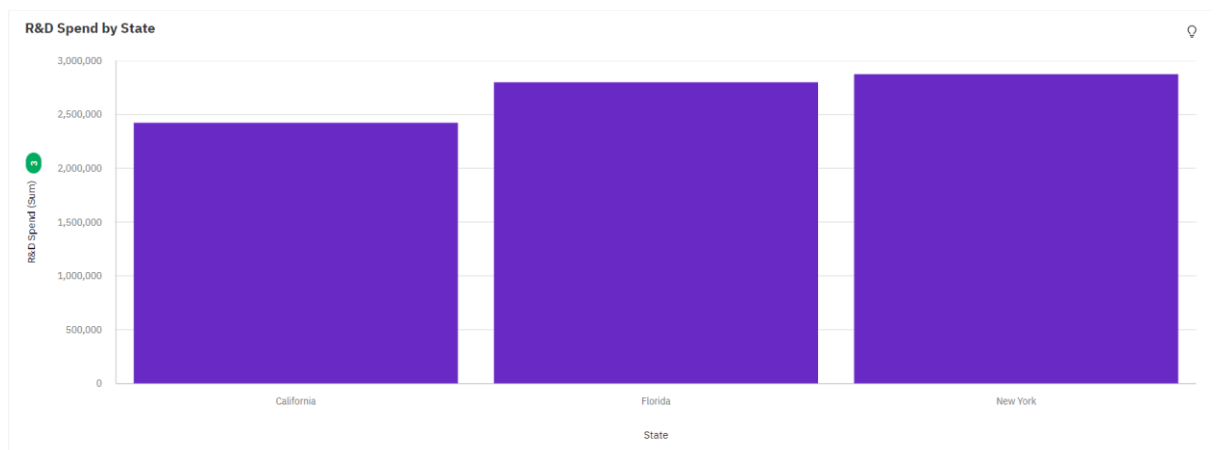
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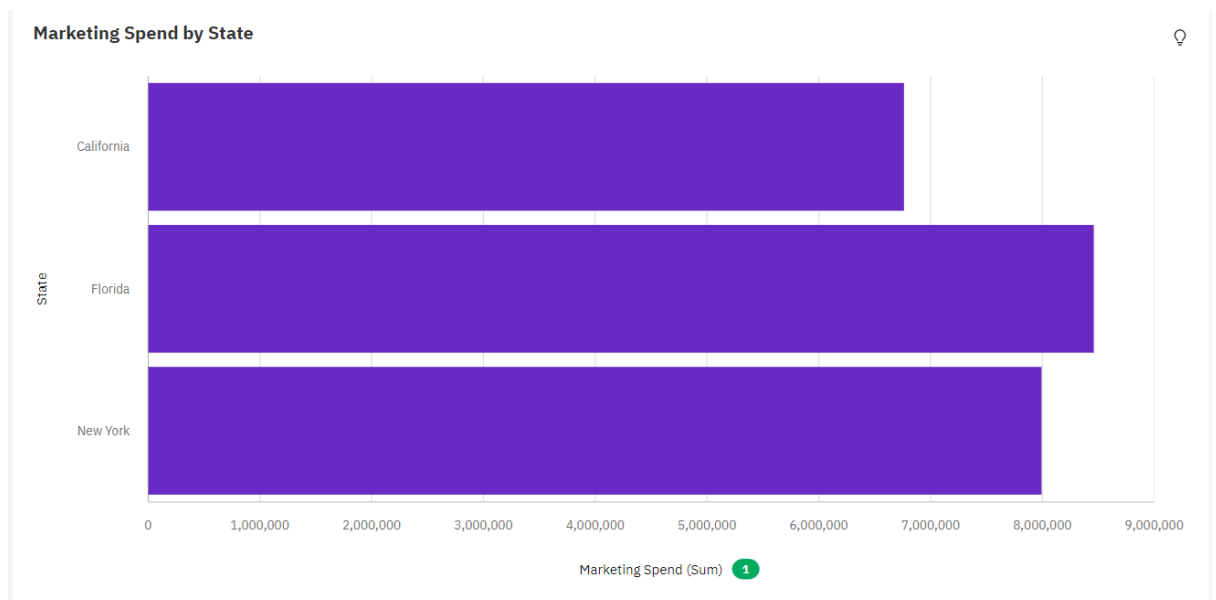
## 1. R&D Spend by State

- Over all **states**, the sum of **R&D Spend** is almost 8.1 million.
- For **R&D Spend**, the most significant values of **State** are New York and Florida, whose respective **R&D Spend** values add up to almost 5.7 million, or 70.1 % of the total.
- **R&D Spend** ranges from over 2.4 million, in California, to almost 2.9 million, in New York.



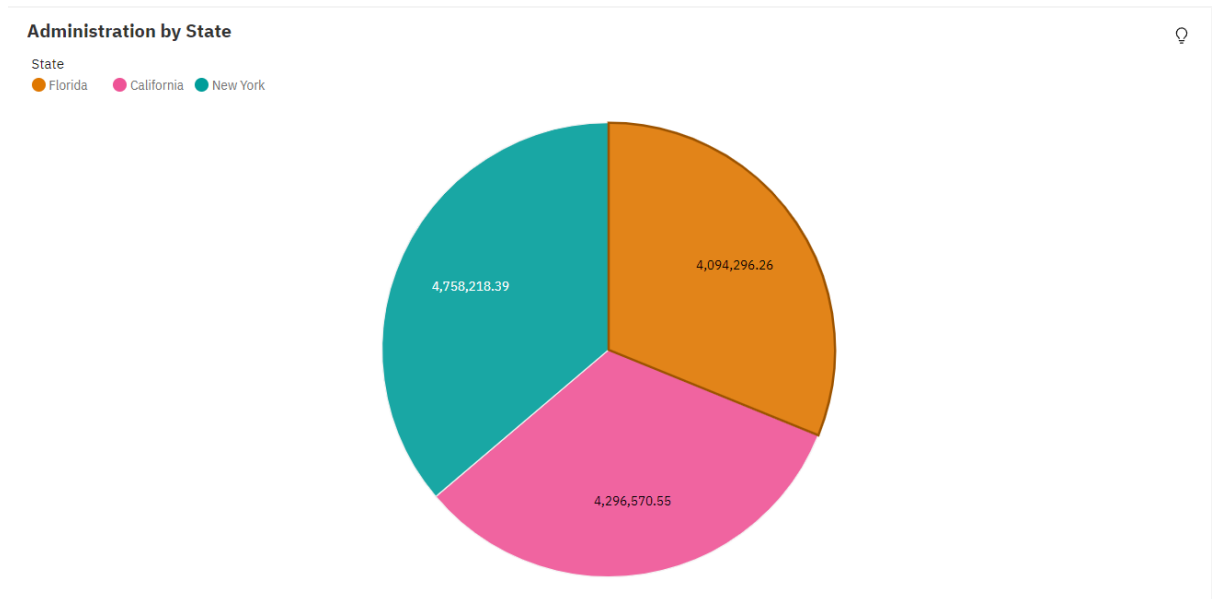
## 2. Marketing Spend by State

- Across all **states**, the sum of **Marketing Spend** is over 23 million.
- For **Marketing Spend**, the most significant values of **State** are Florida and New York, whose respective **Marketing Spend** values add up to over 16 million, or 70.9 % of the total.
- **Marketing Spend** ranges from almost 6.8 million, in California, to almost 8.5 million, in Florida.



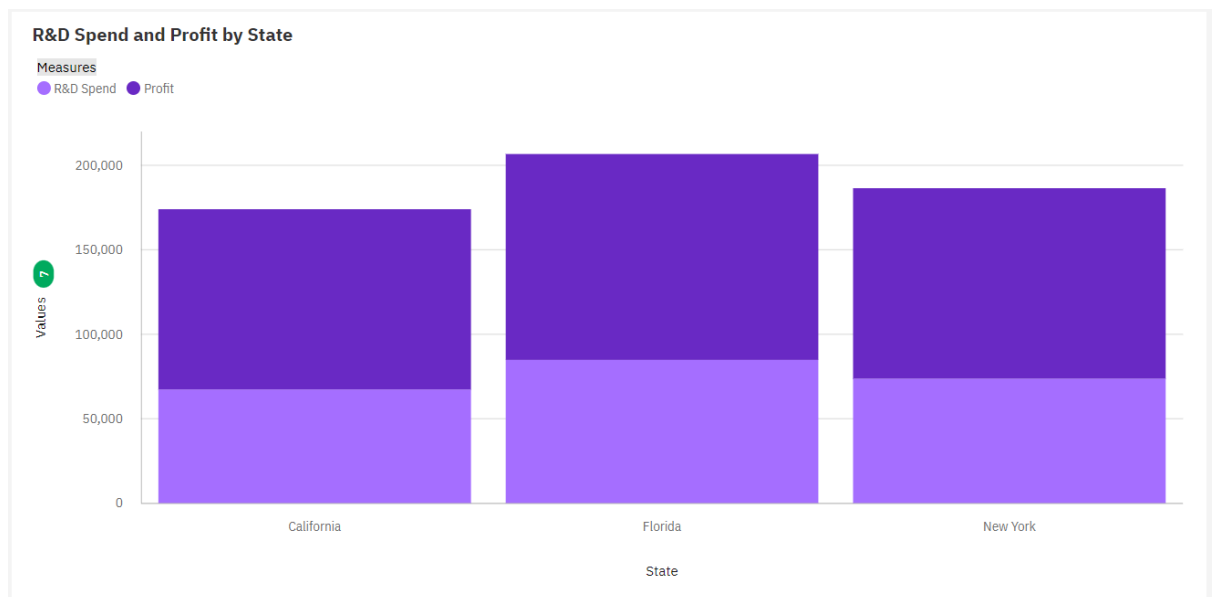
### 3. Administration Spend by State

- Across all **states**, the sum of **Administration** is over 13 million.
- **Administration** ranges from nearly 4.1 million, in Florida, to almost 4.8 million, in New York.



## 4. R&D Spend and Profit by State

- The total number of results for **R&D Spend**, across all **states**, is 108.
- 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 average values of **R&D Spend** range from over 67 thousand, occurring in California, to almost 85 thousand, in Florida.
- The average values of **Profit** range from nearly 107 thousand, occurring in California, to almost 122 thousand, in Florida.
- The total number of results for **Profit**, across all **states**, is 108.



## 5. Administration and Marketing Spend by State

- The total number of results for **Administration**, across all **states**, is 108.
- Over all **states**, the average of **Administration** is nearly 122 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 **Marketing Spend**, across all **states**, is 108.
- **Administration** ranges from nearly 4.1 million, in Florida, to nearly 4.8 million, in New York.

