ASSIGNMENT 01

UPLOADING THE DATA SET TO COGNOS ANALYTICS,EXPLORING AND VISUALIZING THE DATA SET

https://drive.google.com/file/d/100OUpJFG8GQjhFztbfG5JP_jvzRgoihr/view

RAJESHKUMAR N

BE CSE

621519104065

Mahendra College Of Engineering

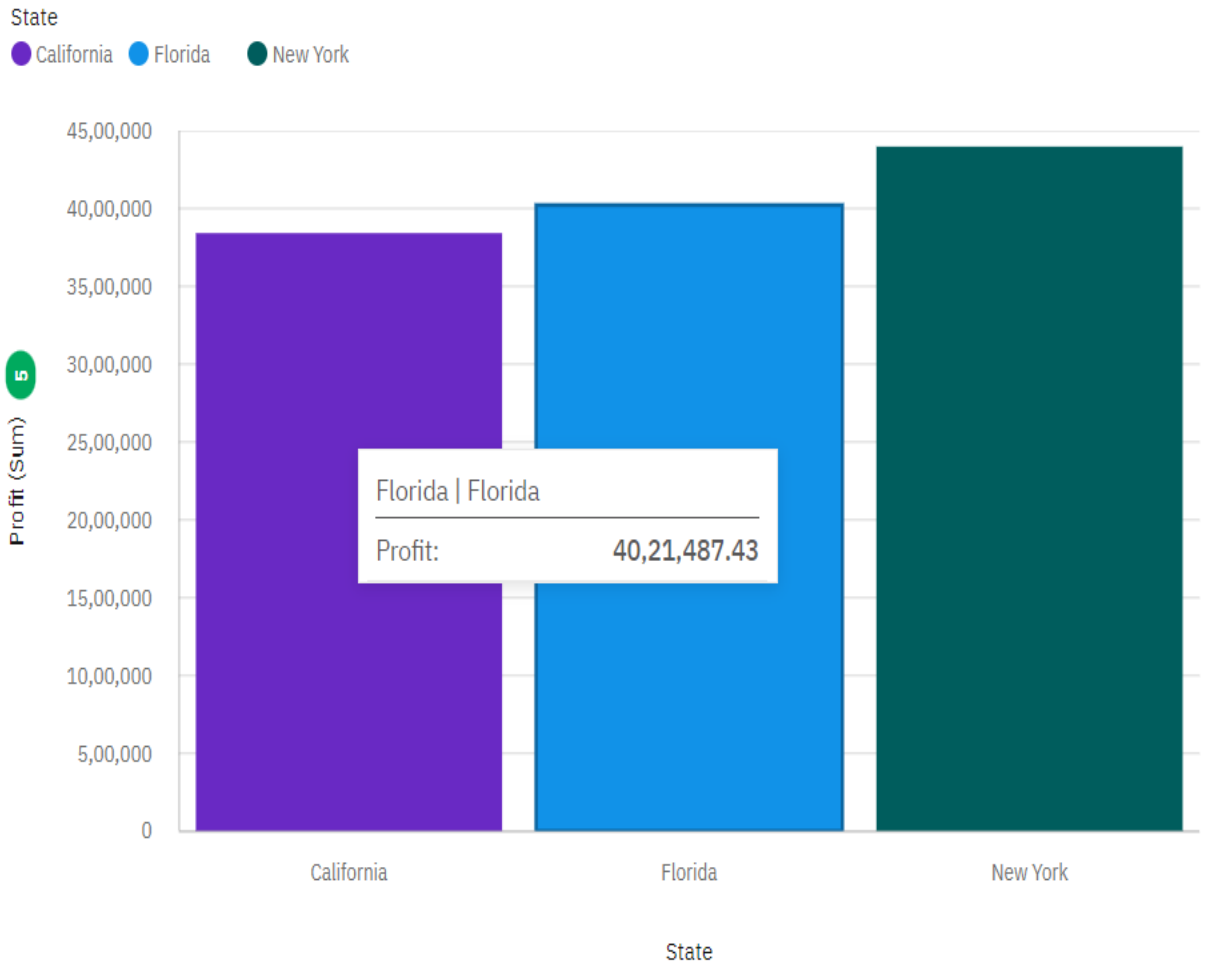
Selected sources /

50_Startups.csv

Search

- Navigation paths
- 50_Startups.csv
  - total spend
  - R&D Spend
  - Administration
  - Marketing Spend
  - State
  - Profit

Profit by State colored by State



Details

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

The summed values of **Profit** range from over 3.8 million to almost 4.4 million.

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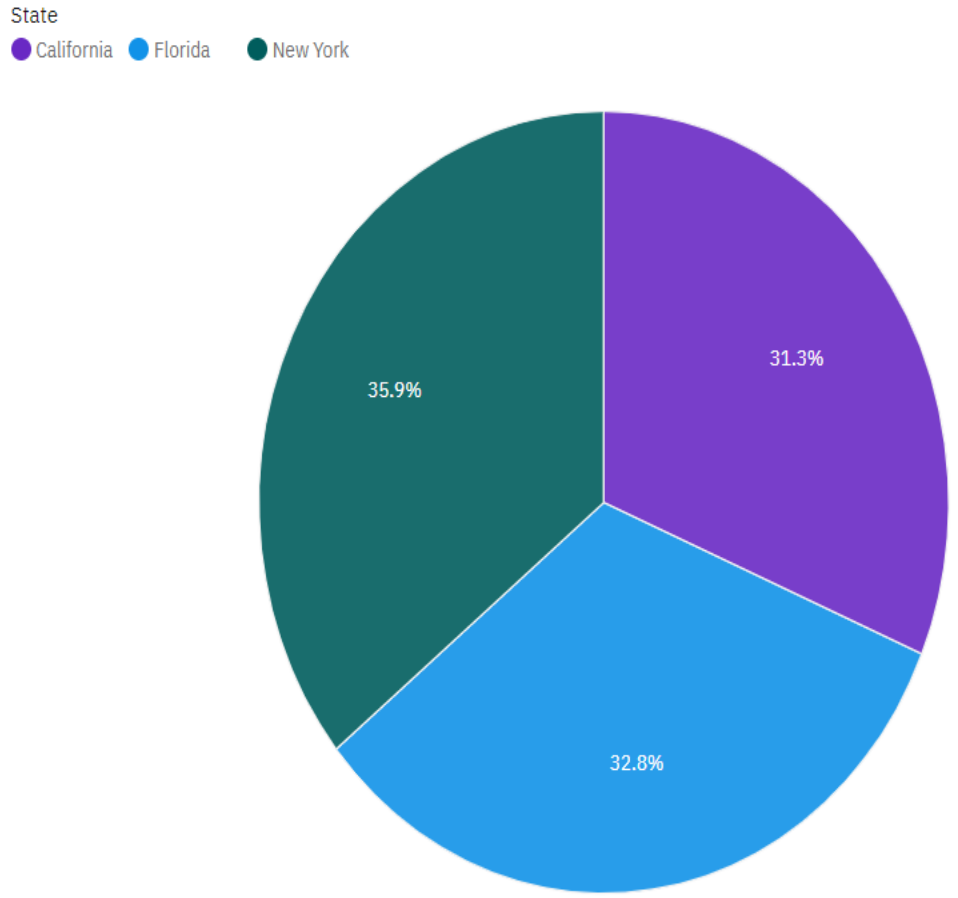
  - Profit

Profit by State 5



Details

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

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

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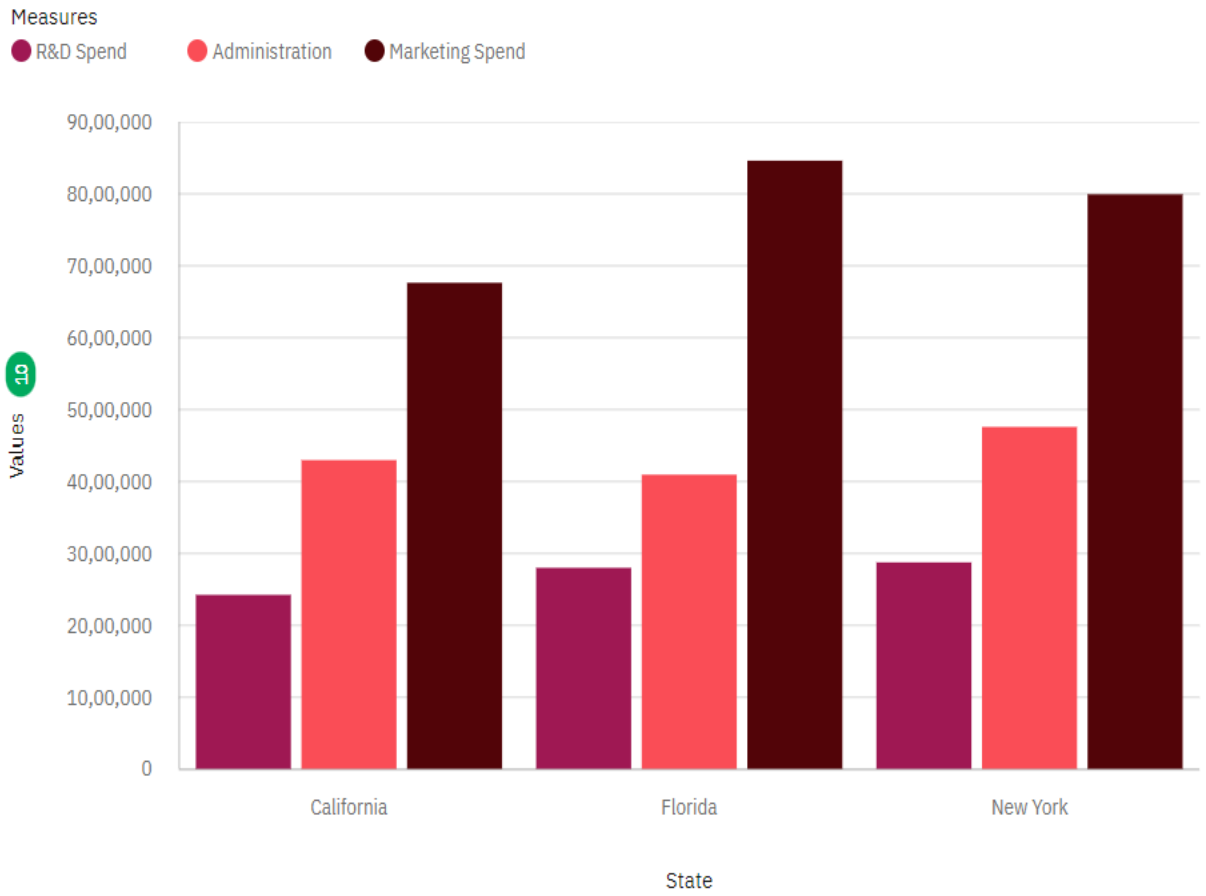
R&D Spend, Administration and Marketing Spend by State



Details

R&D Spend ranges from over 2.4 million, in California, to nearly 2.9 million, in New York.

Administration ranges from almost 4.1 million, in Florida, to almost 4.8 million, in New York.

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

The total number of results for **R&D Spend**, across all **states**, is 108.

Over all **states**, the average of **R&D Spend** is nearly 75 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**

Selected sources /

50_Startups.csv

Search

- Navigation paths
- 50_Startups.csv
  - total spend
  - R&D Spend
  - Administration
  - Marketing Spend
  - State
  - Profit

R&D Spend, Administration and Marketing Spend by State

Details

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

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

The average values of **R&D Spend** range from over 67 thousand, occurring in California, to nearly 85 thousand, in Florida.

The average values of **Administration** range from over 119 thousand, occurring in California, to over 124 thousand, in Florida.

The average values of **Marketing Spend**

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Chart A

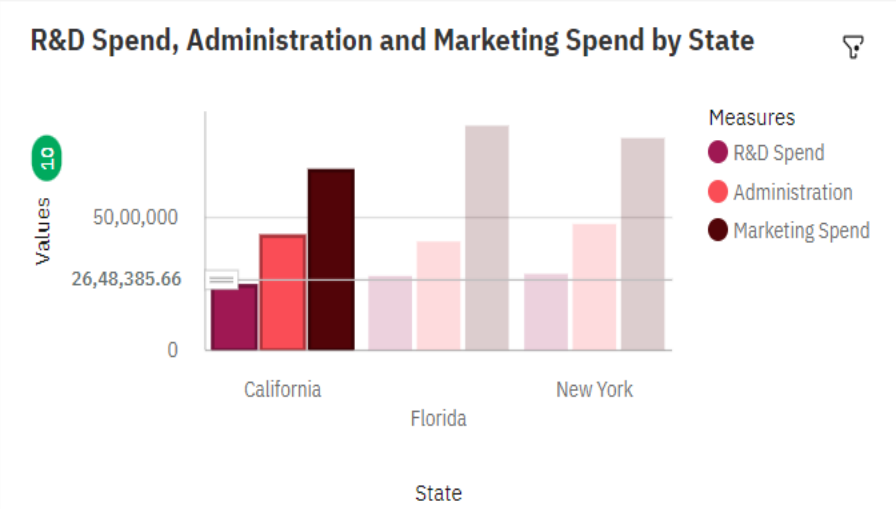
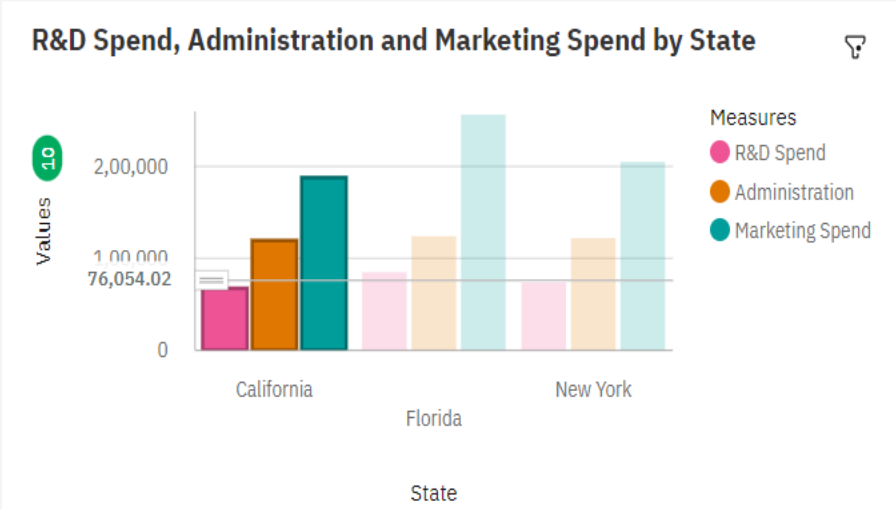


Chart B



Selection	Chart A : R&D Spend California | R&D Spend	Chart B : R&D Spend California | R&D Spend	Combined
Selection minimum	24,22,612.31	67,294.79	-
Selection maximum	24,22,612.31	67,294.79	-
Selection average	24,22,612.31	-	-
Selection average (weighted)	-	67,294.79	-
Selection percent of data set	29.93%	-	-
Selection total	24,22,612.31	-	-

50_Startups.csv

Search

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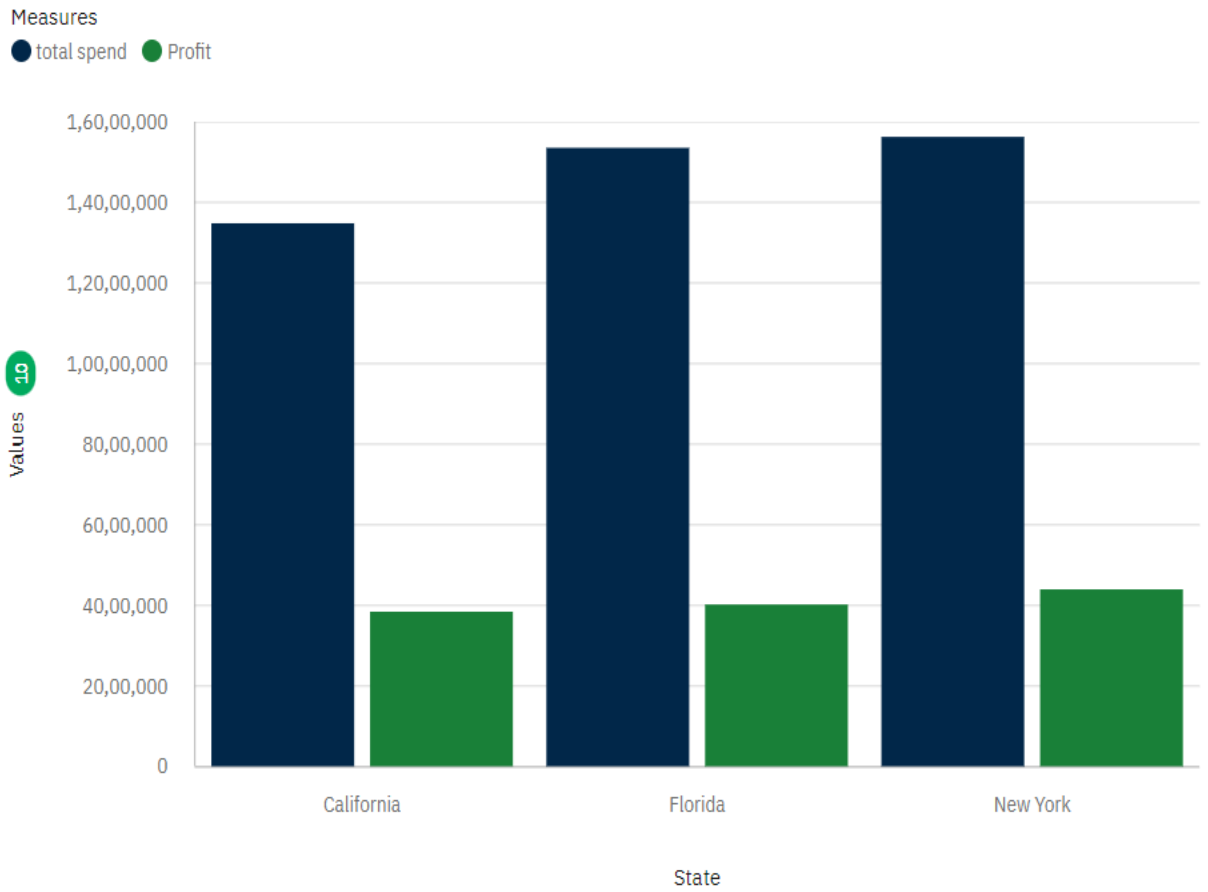
  - Marketing Spend
  - State
  - Profit

R&D, administration, marketing spend and Profit by State



Details

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

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

total spend ranges from over 13 million, in California, to nearly 16 million, in New York.

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

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

Over all **states**, the average of **total spend** is almost 412 thousand.

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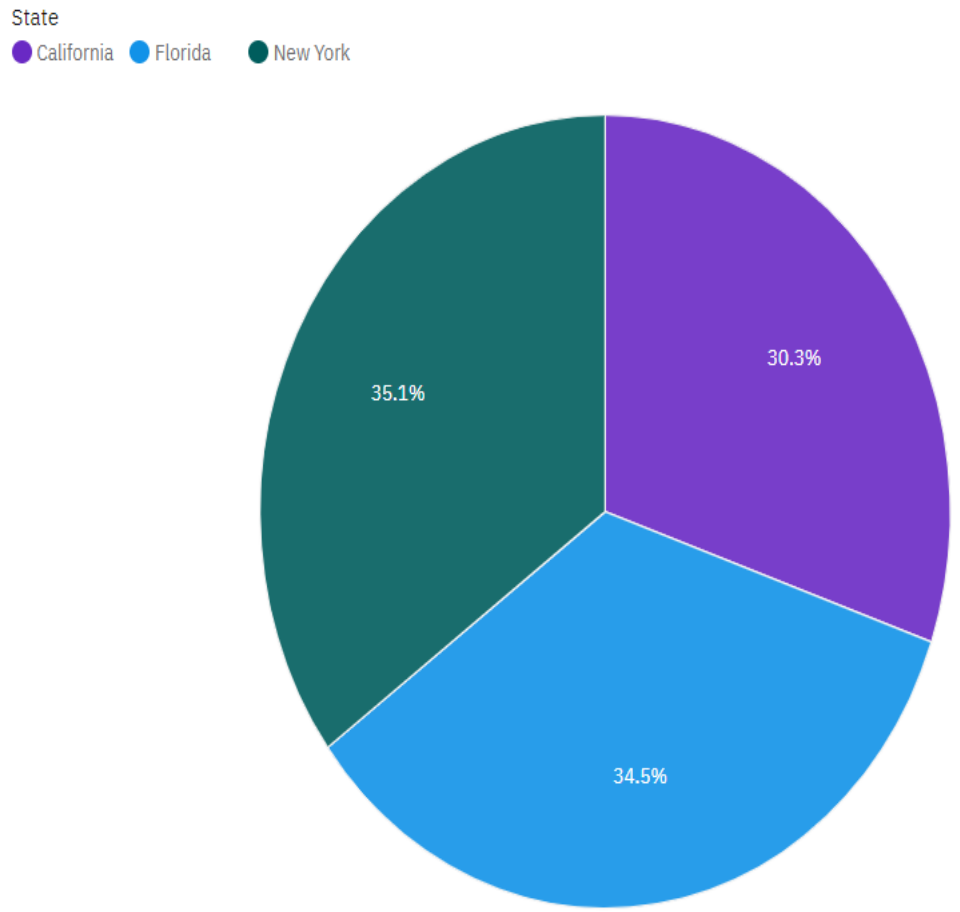
R&D, administration and marketing spend by State 5



Details

Across all **states**, the sum of **total spend** is over 44 million.

For **total spend**, the most significant values of **State** are New York and Florida, whose respective **total spend** values add up to nearly 31 million, or 69.7 % of the total.

total spend ranges from over 13 million, in California, to almost 16 million, in New York.

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  - Marketing Spend
  - State
  - Profit

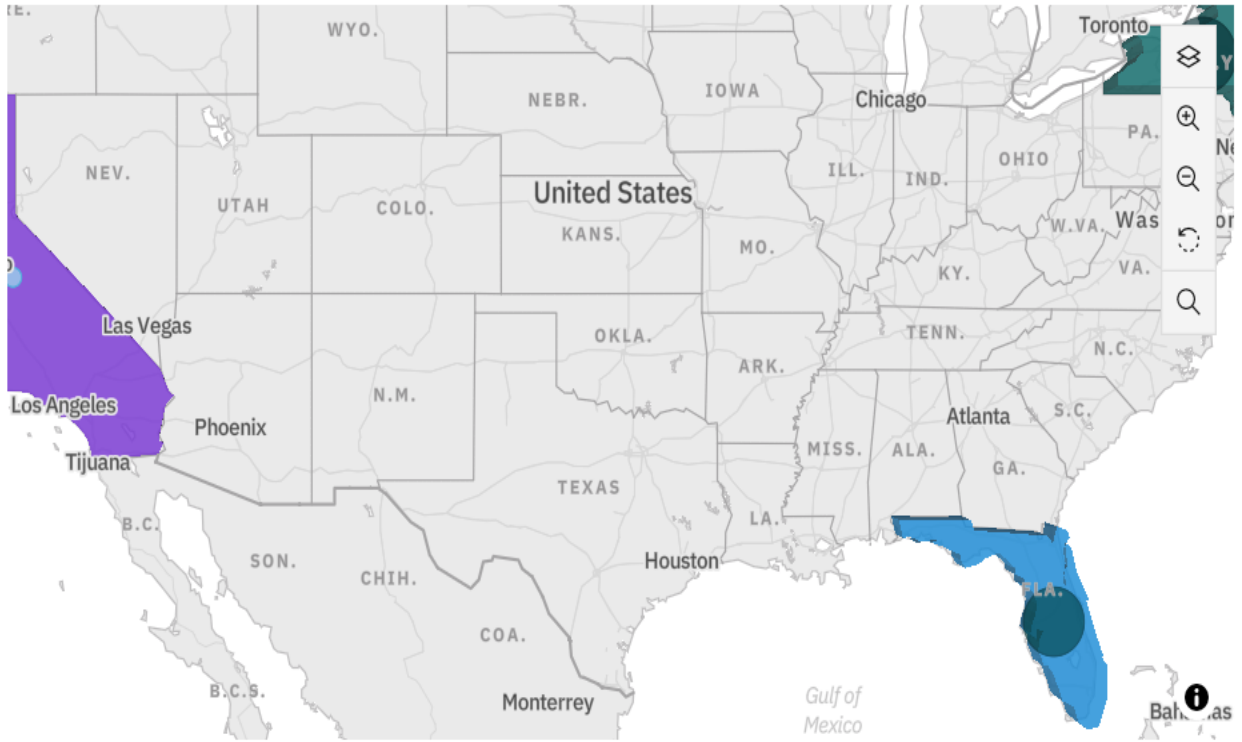
State, R&D, administration and marketing spend for State regions, R&D, administration, marketing spend, R&D and administration and marketing spend for State points 10

total spend (Sum) 1,34,81,532.33 1,56,24,892.09

total spend (Sum) 1,34,81,532.33 1,56,24,892.09

total spend (Sum) 1,34,81,532.33 1,56,24,892.09

State: Florida, New York, California



Details

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

Across all **states**, the sum of **total spend** is over 44 million.

For **total spend**, the most significant values of **State** are New York and Florida, whose respective **total spend** values add up to almost 31 million, or 69.7 % of the total.

total spend ranges from over 13 million, in California, to nearly 16 million, in New York.

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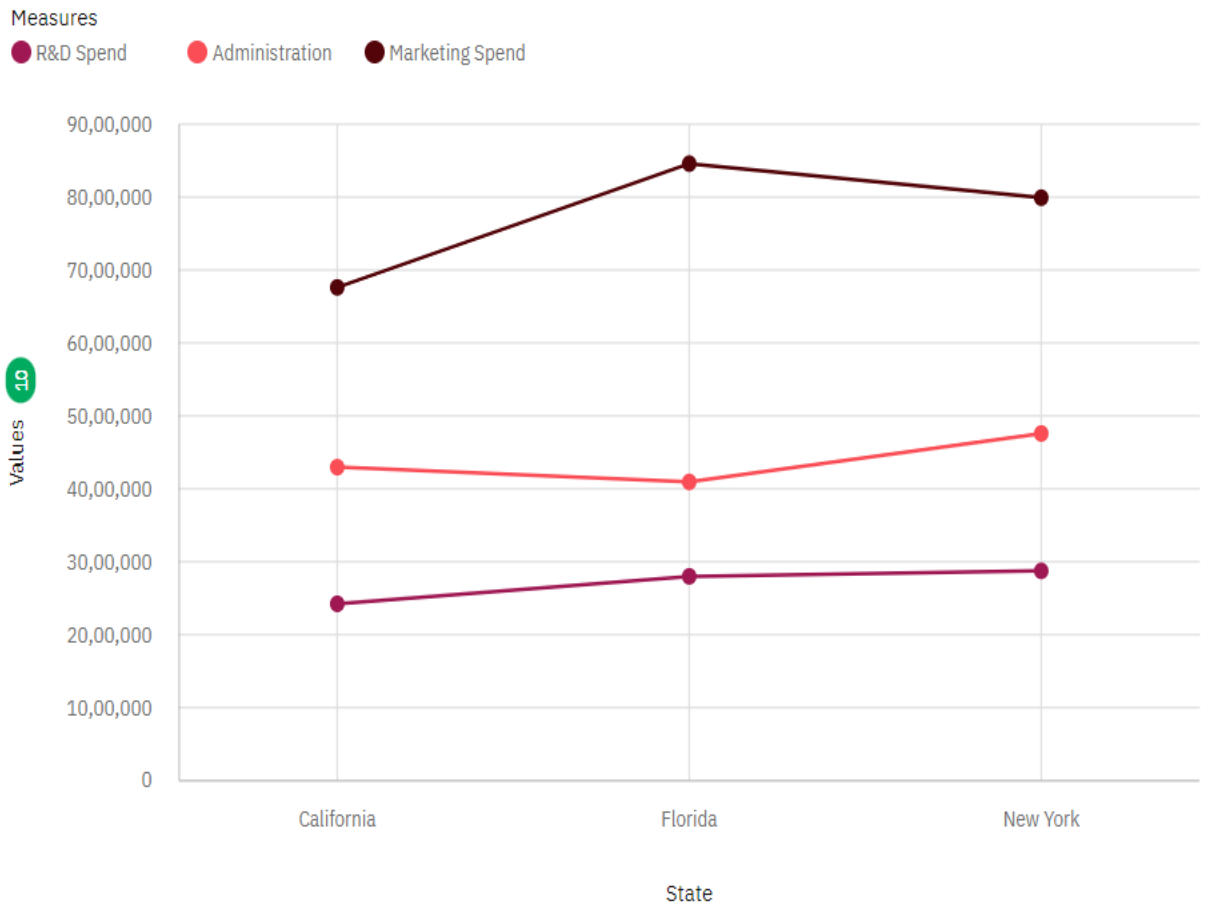
R&D Spend, Administration and Marketing Spend by State



Details

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.

R&D Spend ranges from over 2.4 million, in California, to almost 2.9 million, in New York.

Administration ranges from almost 4.1 million, in Florida, to almost 4.8 million, in New York.

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

The total number of results for **R&D Spend**

Selected sources /

50_Startups.csv

Search

- Navigation paths
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  - total spend
  - R&D Spend
  - Administration
  - Marketing Spend
  - State
  - Profit

Profit 5

12.3M

Profit

LINK TO OPEN MY DATA VISUALIZATION IN THE COGNOS ANALYTICS TOOL

https://us3.ca.analytics.ibm.com/bi/?perspective=explore&pathRef=.my_folders%2FASSIGNMENTS%2FAssignment%2B1&subView=model000001832d2b9739_00000004