IBM-Project-17179-1659629778
Assignment 1
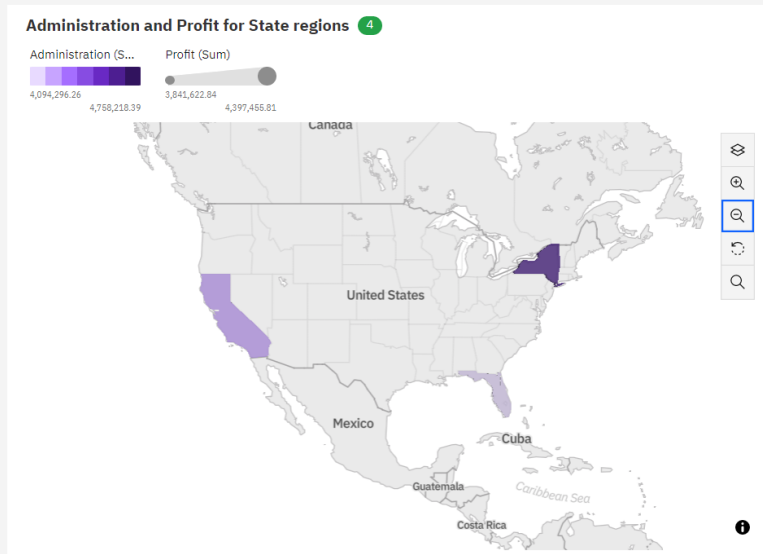**Project Name:**Corporate Employee Attrition Analytics
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Roll No:SSNCE195002124
Aim: Upload the dataset to Cognos Analytics, explore and visualize the dataset
Result:

Administration and Profit for State regions 4

Administration (S... Profit (Sum)

4,094,296.26
4,758,218.39 3,841,622.84 4,397,455.81

Canada

United States
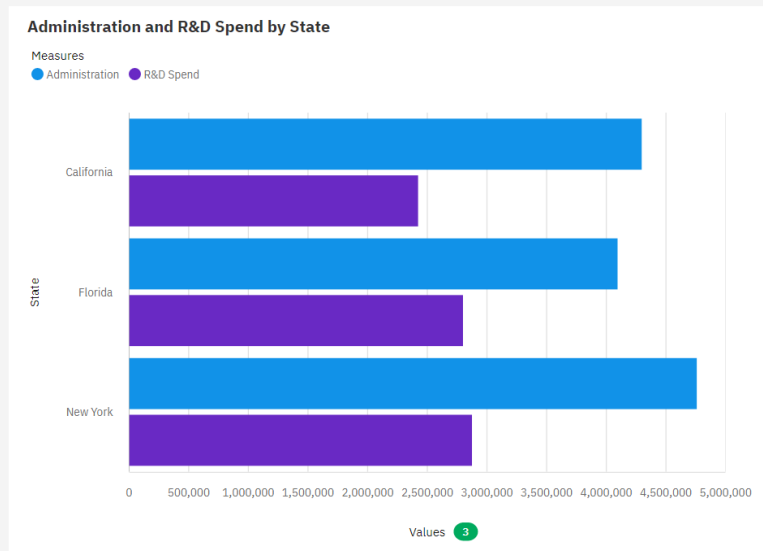
Mexico

Cuba

Guatemala Caribbean Sea

Costa Rica

Details

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.

Administration and R&D Spend by State

Measures
● Administration ● R&D Spend

California

Florida

New York

0 500,000 1,000,000 1,500,000 2,000,000 2,500,000 3,000,000 3,500,000 4,000,000 4,500,000 5,000,000

Values 3

Details

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.

Administration ranges from nearly 4.1 million, in Florida, to nearly 4.8 million, in New York.
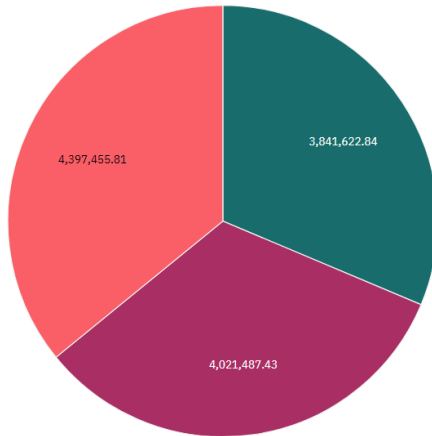
R&D Spend ranges from over 2.4 million, in California, to nearly 2.9 million, in New York.

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

Over all **states**, the average of **Administration** is nearly 122 thousand.

Profit by State ④

State
● California ● Florida ● New York

3,841,622.84

4,021,487.43

4,397,455.81

Fields

◑ Segments*   Required field

⋮   State   ⋮

Click or drag data here

 # Size*   Required field

⋮   Profit   ⋮

▭ Repeat (column)

Click or drag data here

▯ Repeat (row)

Click or drag data here

 # Tooltip

Click or drag data here

Profit by Administration

Profit (Sum)

④

450,000
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0

51,283.14 65,947.93 84,710.77 91,391.77 96,189.63 99,814.71 103,057.49 108,679.17 113,867.3 115,641.28 116,983.8 118,671.85 122,616.84 124,153.04 127,320.38 127,864.55 135,426.92 136,897.8 144,135.98 145,530.06 148,718.95 152,701.92 153,514.11 154,806.14 157,693.92
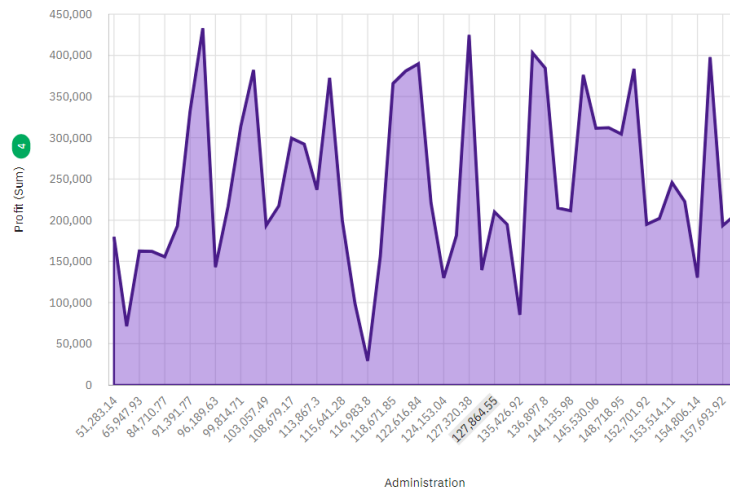
Administration

Fields

↳ x-axis*   Required field

⋮   Administration   ⋮

Click or drag data here

◑ Color

Click or drag data here

 # y-axis*   Required field

⋮   Profit   ⋮

Click or drag data here

▭ Repeat (column)

Click or drag data here

▯ Repeat (row)

Profit for State 3

Column values
● Increase ● Decrease ● Sum

Marketing Spend, R&D Spend and Administration 4

R&D Spend	Administration	Marketing Spend
2,422,612.31	4,296,570.55	6,762,349.47

Fields

📊 x-axis

⠿ State	⋮

Click or drag data here

🔤 Sub-categories

⠿ R&D Spend	⋮

⠿ Administration	⋮

Click or drag data here

 # y-axis*   Required field

⠿ Profit	⋮

Click or drag data here

▭■ Repeat (column)

Fields

▯▯ Columns*   Required field

⠿ R&D Spend	⋮

⠿ Administration	⋮

⠿ Marketing Spend	⋮

Click or drag data here

▽ Local filters

State	⋮
Includes: California	①

Click or drag data here