

Assignment - 1

Assignment Date	19 September 2022
Student Name	THARUN KUMAR E
Student Roll Number	113219031152
Maximum Marks	2 Marks

BAR:



Details

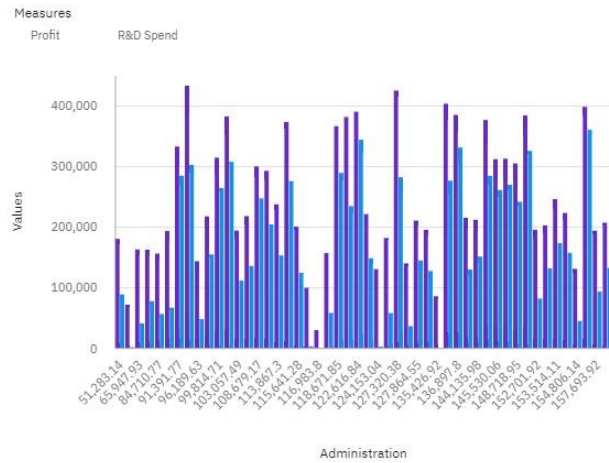
Across all **r&d spends**, the sum of **Profit** is over 12 million.

For **Profit**, the most significant values of **R&D Spend** are 100671.96, 20229.59, and 93863.75, whose respective **Profit** values add up to almost 1.3 million, or 10.5 % of the total.

Profit ranges from almost 70 thousand, when **R&D Spend** is 15505.73, to almost 433 thousand, when **R&D Spend** is 100671.96.

COLUMN:

Profit and R&D Spend by Administration



Details

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

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

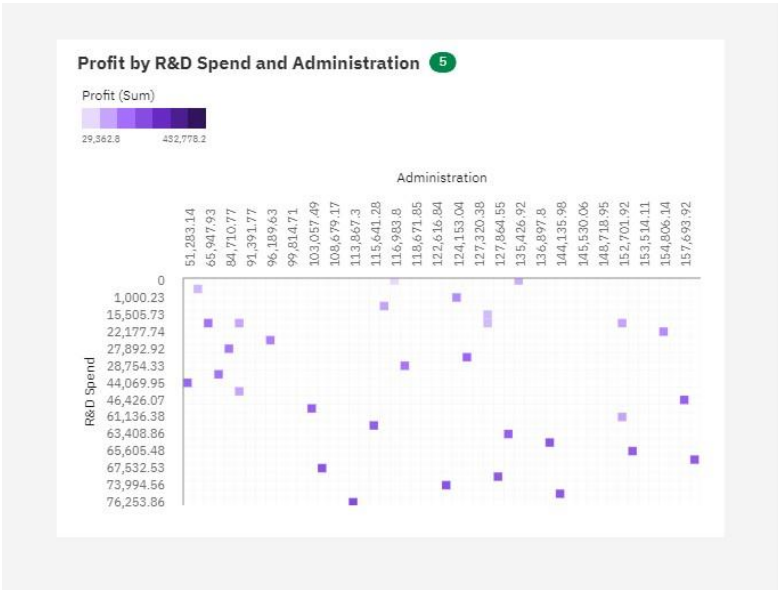
The most common values of **Administration** are 127320.38 (2.8 %), 122616.84 (2.8 %), 145077.58 (2.8 %), 114175.79 (2.8 %), and 121597.55 (2.8 %), together occurring 15 times, which is 13.9 % of the total.

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

Over all **administrations**, the average of **R&D Spend** is nearly 75 thousand.

Profit ranges from over 29 thousand, when **Administration** is 116983.8, to nearly 433

HEAT MAP:



Details

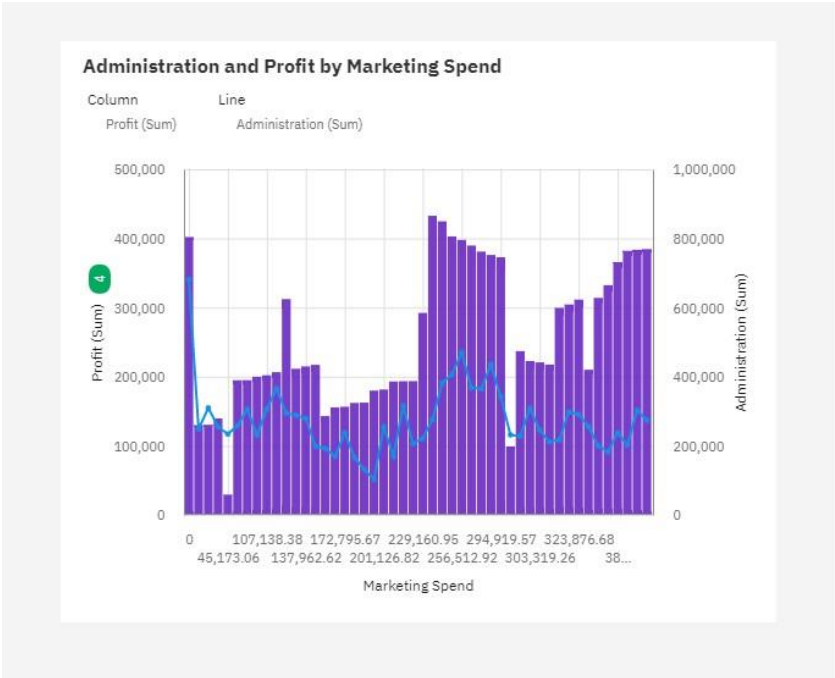
For **Profit**, the most significant values of **R&D Spend** are 100671.96, 20229.59, and 93863.75, whose respective **Profit** values add up to almost 1.3 million, or 10.5 % of the total.

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

Across all **r&d spends** and **administrations**, the sum of **Profit** is over 12 million.

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

LINE AND COLUMN:



Details

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

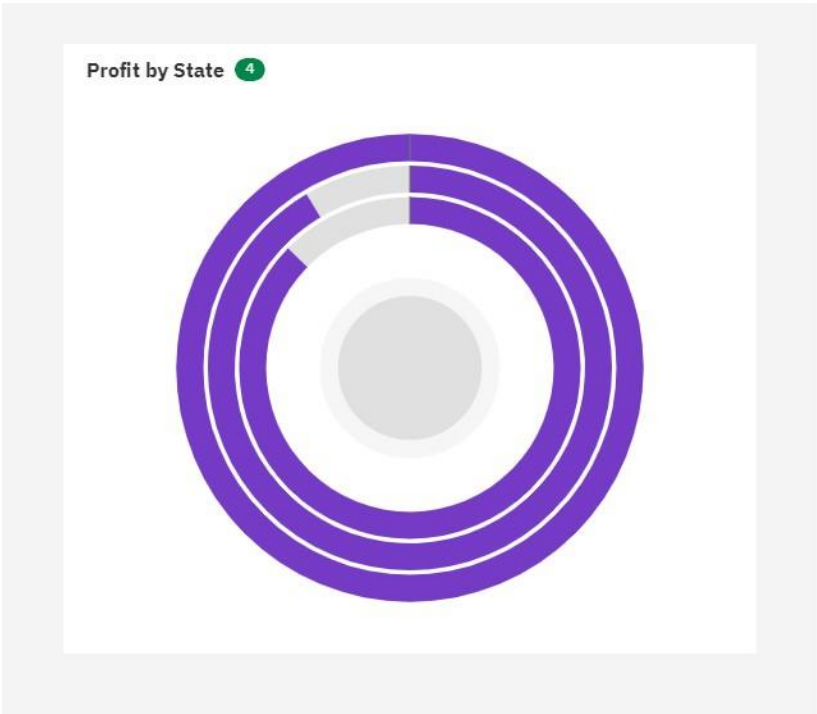
For **Profit**, the most significant values of **Marketing Spend** are 249744.55 and 249839.44, whose respective **Profit** values add up to nearly 858 thousand, or 7 % of the total.

Profit ranges from over 29 thousand, when **Marketing Spend** is 45173.06, to almost 433 thousand, when **Marketing Spend** is 249744.55.

Across all **marketing spends**, the sum of **Administration** is over 13 million.

Administration ranges from nearly 103 thousand, when **Marketing Spend** is 197029.42, to over 681 thousand, when **Marketing Spend** is 0.

RADIAL:

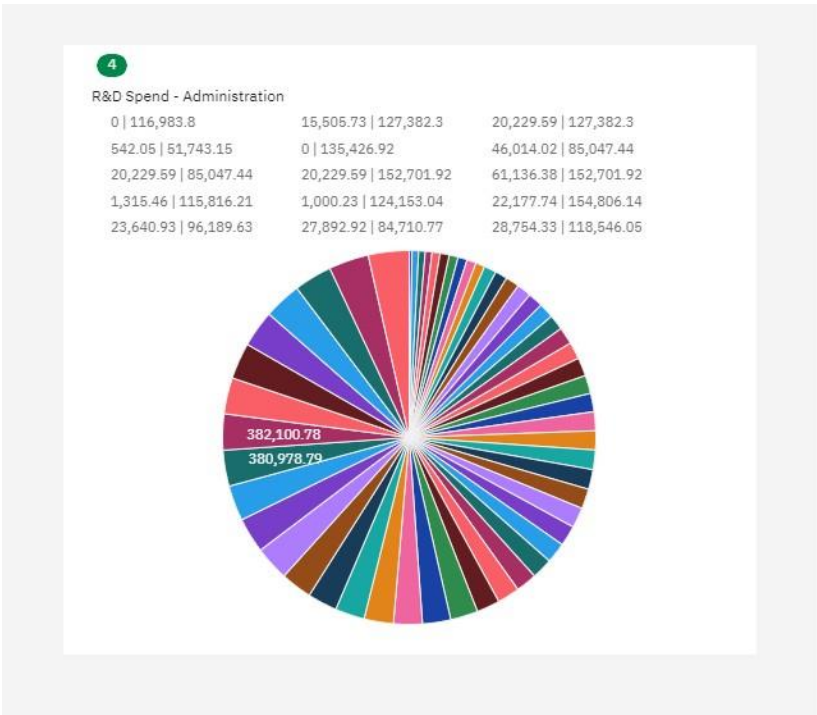


Details

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.

PIE:



Details

Across all **r&d spend - administrations**, the sum of **Profit** is over a thousand.

For **Profit**, the most significant values of **R&D Spend - Administration** are 114523.61|122616.84, 165349.2|136897.8, 162597.7|151377.59, 153441.51|101145.55, and 78013.11|121597.55, whose respective **Profit** values add up to 235, or 19 % of the total.

Profit ranges from 0, when **R&D Spend - Administration** is 0|116983.8, to 49, when **R&D Spend - Administration** is 114523.61|122616.84.