IBM NALAIYATHIRAN

Assignment-1

Question:

Upload the dataset to Cognos Analytics, explore and visualize the dataset.

Output:

Create + 1/1 ∨ Bubble ◦ Related ⊞ Compare ⊞ ✎ ⬚ ⬚ Analytics ⤳ Details ⤵ **Fields** ⊞ Properties ⚙

Selected sources /

Startups_DataPrep + ⋮

Q Search

☐ Navigation paths +
▼ ⊞ 50_Startups.csv
  ⊫ R&D Spend
  ⊫ Administration
  ⊫ Marketing Spend
  ▸ ⊙ State
  ⊫ Profit

State and Profit, Administration with Marketing Spend and R&D Spend for Administration ④

Marketing Spend (...   R&D Spend (Sum)

0   1,000,000   0   359,829.72

132,602.65 | 156,547.42
192,261.83 | 136,897.8
191,050.39 | 101,146.55
182,901.99 | 118,671.86
125,370.37 | 145,077.58
134,307.35 | 135,495.07
156,122.51 | 147,198.87
155,752.6 | 145,530.06
152,211.77 | 148,718.95
146,121.95 | 110,594.11
111,313.02 | 153,773.43
118,474.03 | 113,867.3
110,352.25 | 122,782.75
108,733.99 | 105,751.03
101,004.64 | 153,032.06
97,427.84 | 129,219.61
89,949.14 | 51,283.14
81,005.76 | 82,982.09
99,937.59 | 115,641.28
90,708.19 | 127,056.21
96,712.8 | 157,693.92
81,229.06 | 65,947.93
77,798.83 | 84,710.77
64,926.08 | 124,153.04
42,559.73 | 135,426.92

California   New York   Florida

State

Fields

⊶ Points
  ⊫ Administration   ⋮
  ☐ Click or drag data here

↳ x-axis*   Required field
  ⊫ State   ⋮
  ☐ Click or drag data here

↥ y-axis*   Required field
  ⊫ Profit   ⋮
  ⊫ Administration   ⋮
  ☐ Click or drag data here

⬊ Size*   Required field
  ⊫ Marketing Spend   ⋮

🎨 Color
  ⊫ R&D Spend   ⋮

Create + 1/1 ∨ Stacked column ⊪ Related ⊞ Compare ⊞ ✎ ⬚ ⬚ Analytics ⤳ Details ⤵ **Fields** ⊞ Properties ⚙

Selected sources /

Startups_DataPrep + ⋮

Q Search

☐ Navigation paths +
▼ ⊞ 50_Startups.csv
  ⊫ R&D Spend
  ⊫ Administration
  ⊫ Marketing Spend
  ▸ ⊙ State
  ⊫ Profit

Profit, R&D Spend and R&D Spend by State and R&D Spend colored by Profit

Measures - Profit (Sum)

● Profit | 14,681.4   ● Profit | 35,673.41   ● Profit | 42,559.73   ● Profit | 49,490.75
● Profit | 64,926.08   ● Profit | 65,200.33   ● Profit | 69,758.98   ● Profit | 71,498.49
● Profit | 77,798.83   ● Profit | 78,239.91   ● Profit | 81,005.76   ● Profit | 81,229.06
● Profit | 89,949.14   ● Profit | 90,708.19   ● Profit | 96,479.51   ● Profit | 96,712.8
● Profit | 96,778.92   ● Profit | 97,427.84   ● Profit | 97,483.56   ● Profit | 99,937.59
● Profit | 101,004.64   ● Profit | 103,282.38   ● Profit | 105,008.31   ● Profit | 105,733.54
● Profit | 107,404.34   ● Profit | 108,552.04   ● Profit | 108,733.99   ● Profit | 110,352.25

1,200,000

1,000,000

800,000

600,000
Values
400,000

200,000

0

California | 0
California | 23,640.93
California | 136,558.51
California | 46,426.07
California | 64,664.71
California | 78,013.11
California | 100,671.96
California | 134,615.46
Florida | 2,315.46
Florida | 28,663.76
Florida | 61,994.48
Florida | 81,533.53
Florida | 75,328.87
Florida | 193,863.75
Florida | 119,943.24
Florida | 142,107.34
New York | 542.05
New York | 155,505.73
New York | 46,420.07
New York | 27,892.92
New York | 172,107.6
New York | 176,994.48
New York | 178,389.47
New York | 94,657.16
New York | 120,542.52
New York | 144,372.41

State - R&D Spend ③

Fields

  ⊫ Profit   ⋮
  ⊫ R&D Spend   ⋮
  ⊫ R&D Spend   ⋮
  ☐ Click or drag data here

🎨 Color
  ⊫ Measures group (3)
  ⊫ Profit   ⋮
  ☐ Click or drag data here

▣ Repeat (column)
  ☐ Click or drag data here

▯ Repeat (row)
  ☐ Click or drag data here

Tooltip
  ☐ Click or drag data here

Create + ⌃ 2/2 ⌄ Decision tree •⫶ Related ⊞ Compare ⧄ 📌 🗑

Analytics ⟋ Details ⅀ Fields ☰ Properties ⇄

Selected sources /

Startups_DataPrep + ⋮

🔍 Search

📁 Navigation paths +

▼ ⊞ 50_Startups.csv

⌁ R&D Spend

⌁ Administration

⌁ Marketing Spend

▼ ⊙ State

⇒ California

⇒ Florida

⇒ New York

⌁ Profit

Profit

Tree sunburst | Tree diagram | Rules

Profit

Nodes

All ⌄

Fields

⊕ Target*   Required field

⋮⋮ Profit   ⋮

▽ Local filters

Click or drag data here