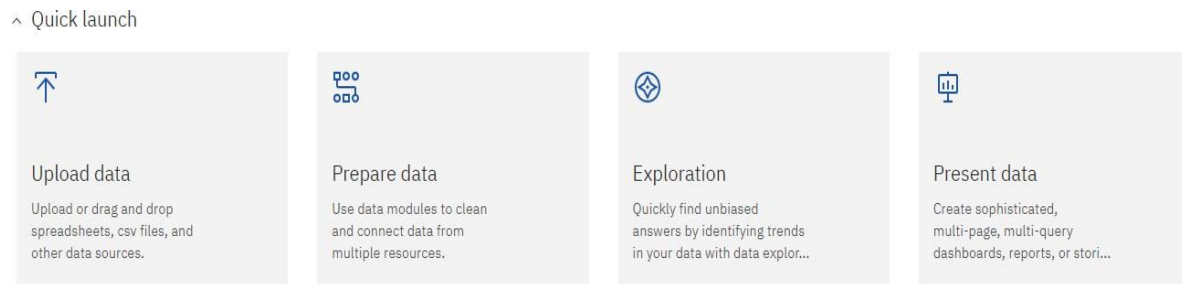


CHALLENGE:

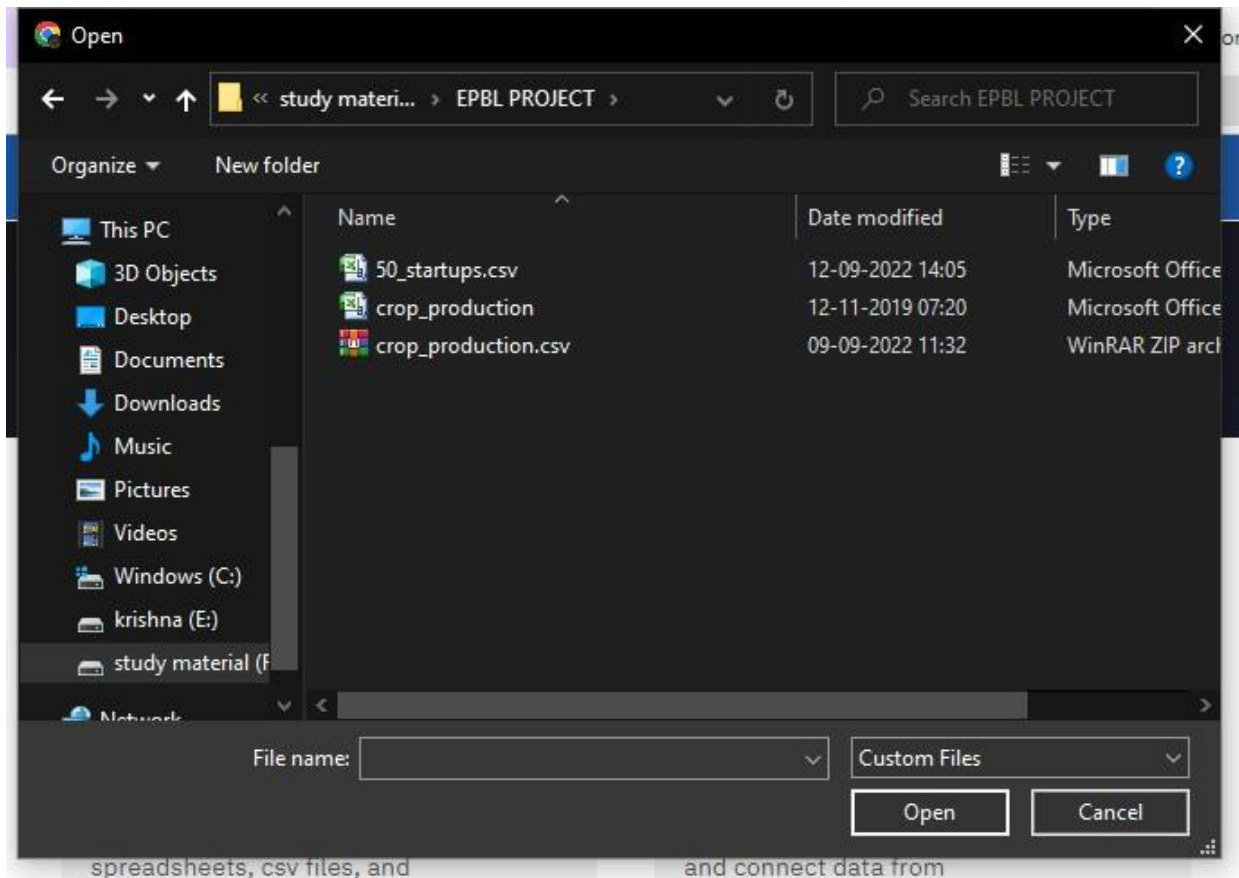
Upload the dataset to Cognos Analytics, explore and visualize the dataset.

Uploading the Dataset:

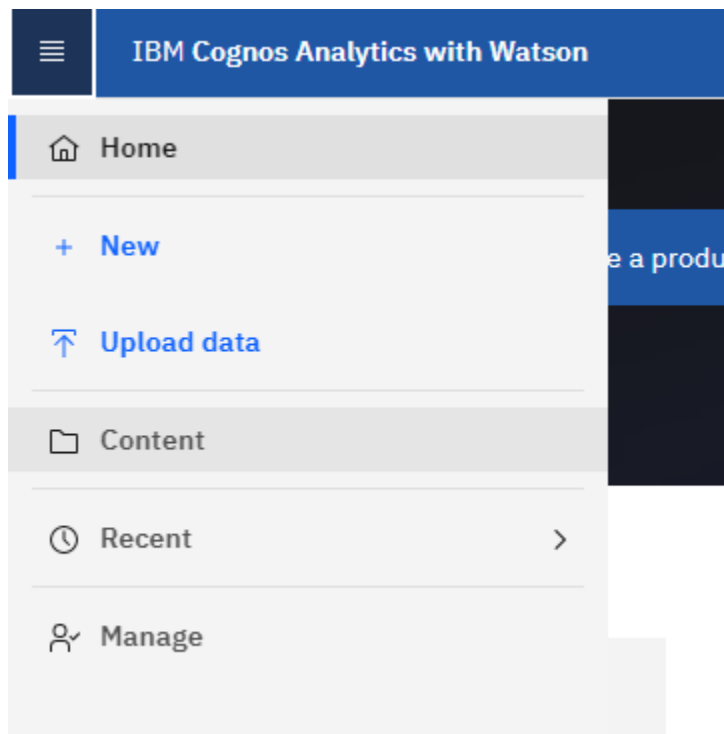
i) Click on the upload data.



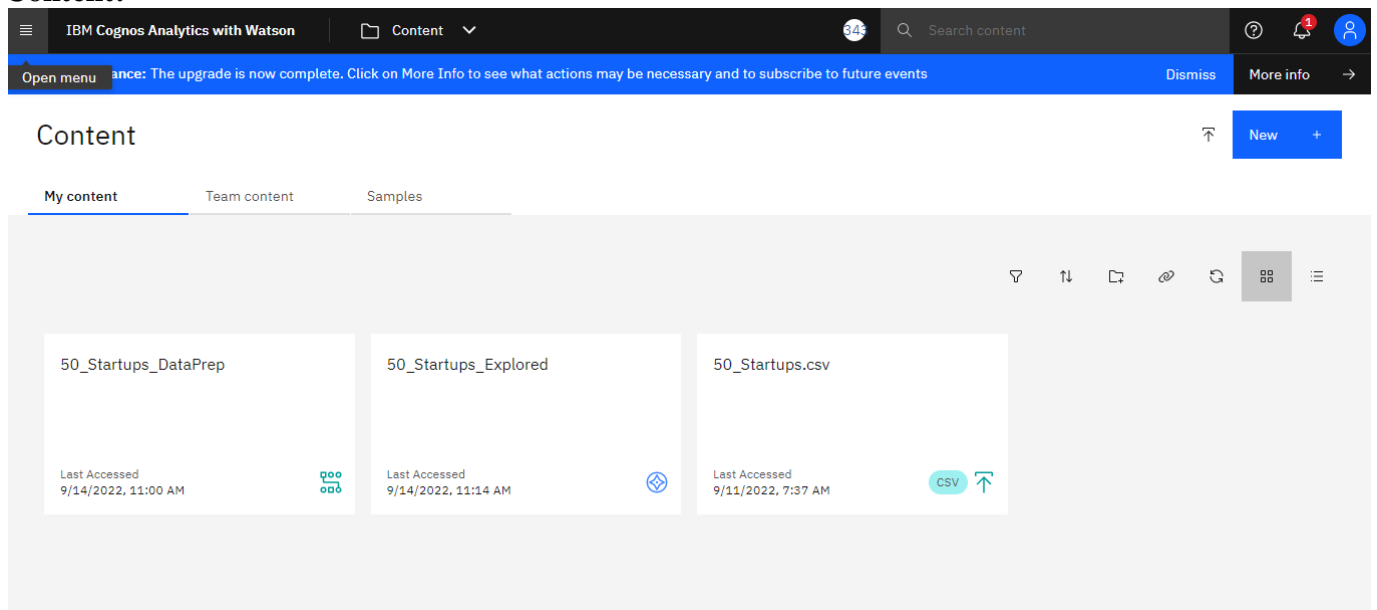
ii) Select the csv file 50_startups.csv chosen for uploading the datasets in the IBM Cognos Analytics.



iii) Click on the content bar to see the uploaded dataset.

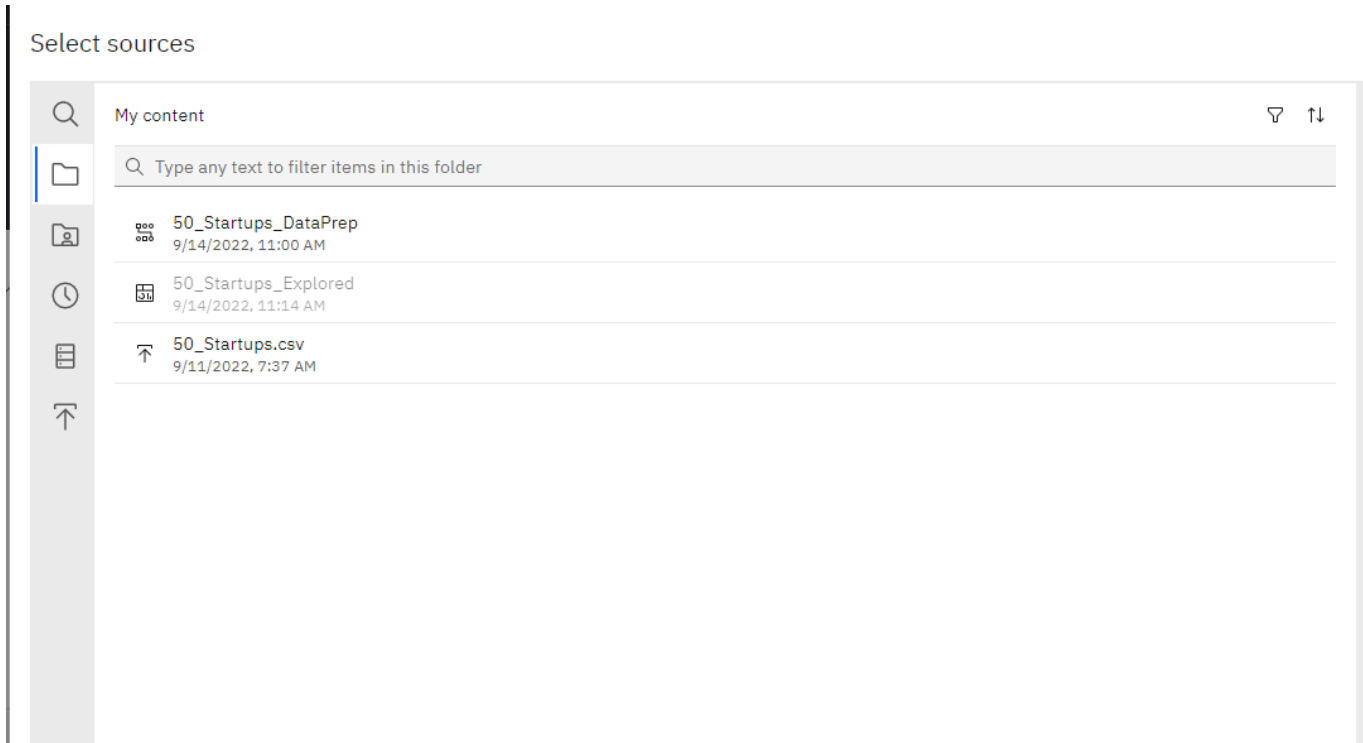


Content:



Prepare data:

- i) Click on prepare data.
- ii) Then, select the dataset you have uploaded.
- iii) Then, click the OK option.

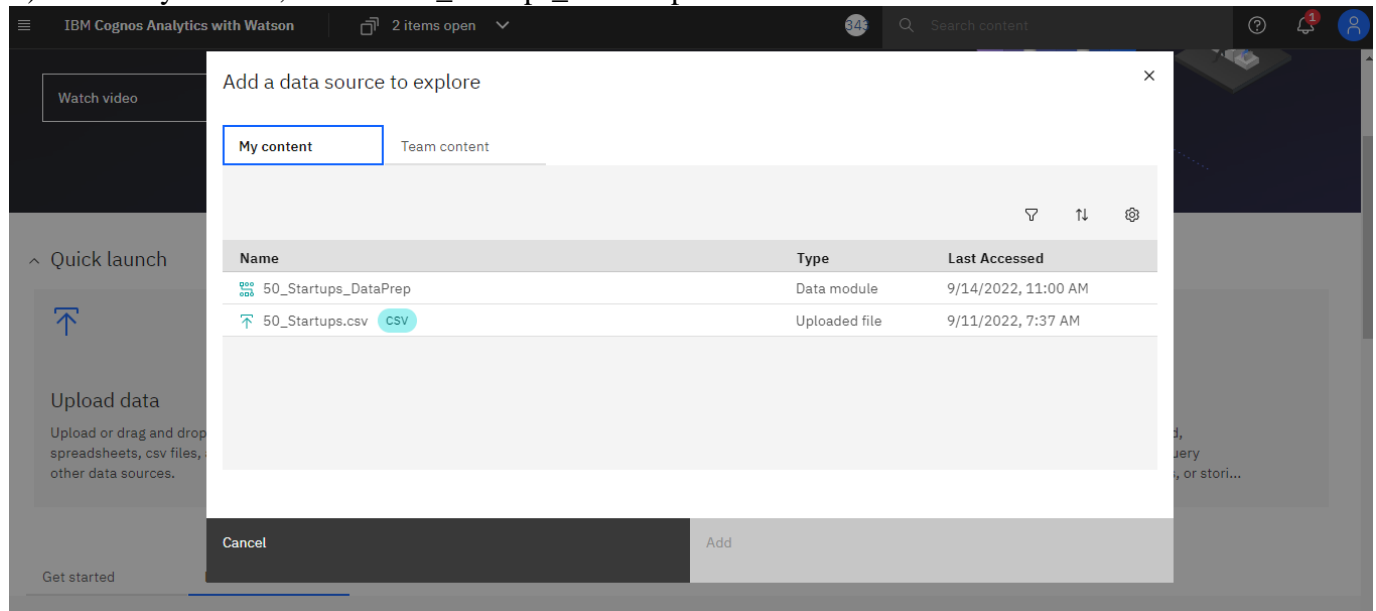


- iv) Then, you can see the datasets in the excel format.

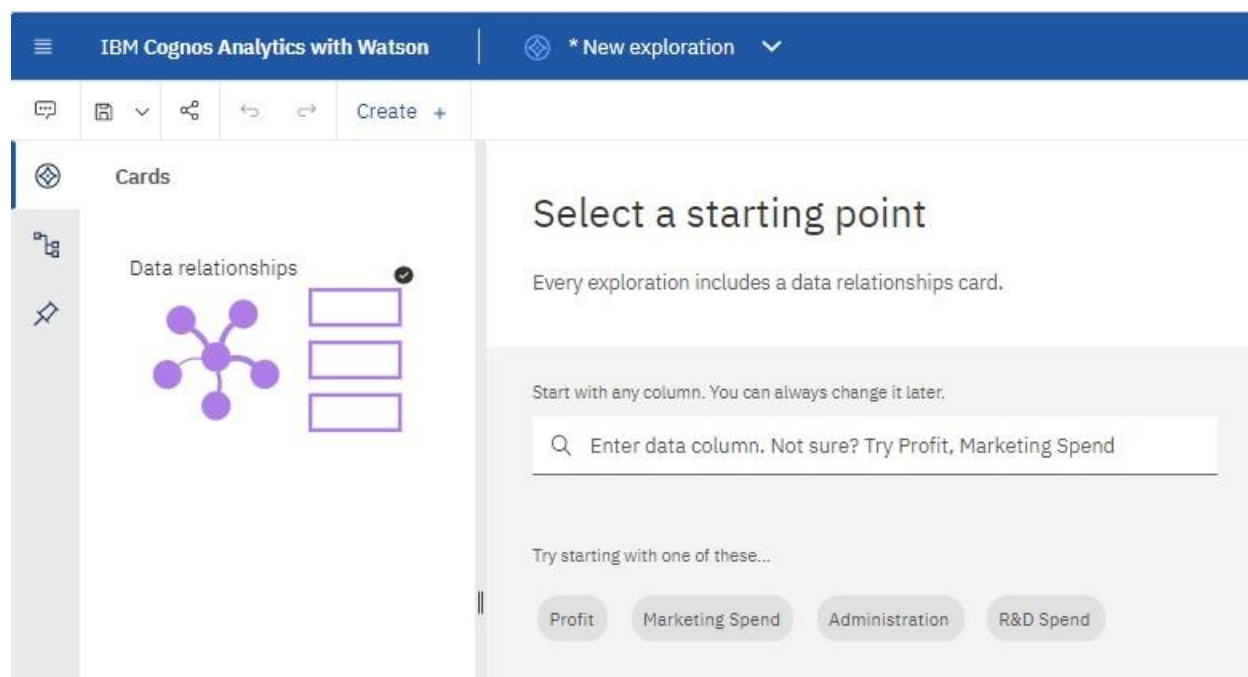
Row Id	R&D Spend	Administration	Marketing Spend	State	Profit
1	165349.2	136897.8	471784.1	New York	192261.83
2	162597.7	151377.59	443898.53	California	191792.06
3	153441.51	101145.55	407934.54	Florida	191050.39
4	144372.41	118671.85	383199.62	New York	182901.99
5	142107.34	91391.77	366168.42	Florida	166187.94
6	131876.9	99814.71	362861.36	New York	156991.12
7	134615.46	147198.87	127716.82	California	156122.51
8	130298.13	145530.06	323876.68	Florida	155752.6
9	120542.52	148718.95	311613.29	New York	152211.77
10	123334.88	108679.17	304981.62	California	149759.96
11	101913.08	110594.11	229160.95	Florida	146121.95

Exploration:

i) In this my content, click on 50_startups_DataPrep and click add.



ii) Click on the create option where you can explore with many options.



iii) Select the options below mentioned.

Select a card

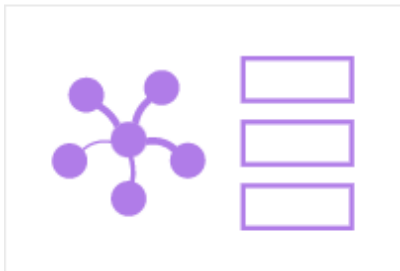
Single visualization



Compare visualization



Data relationships



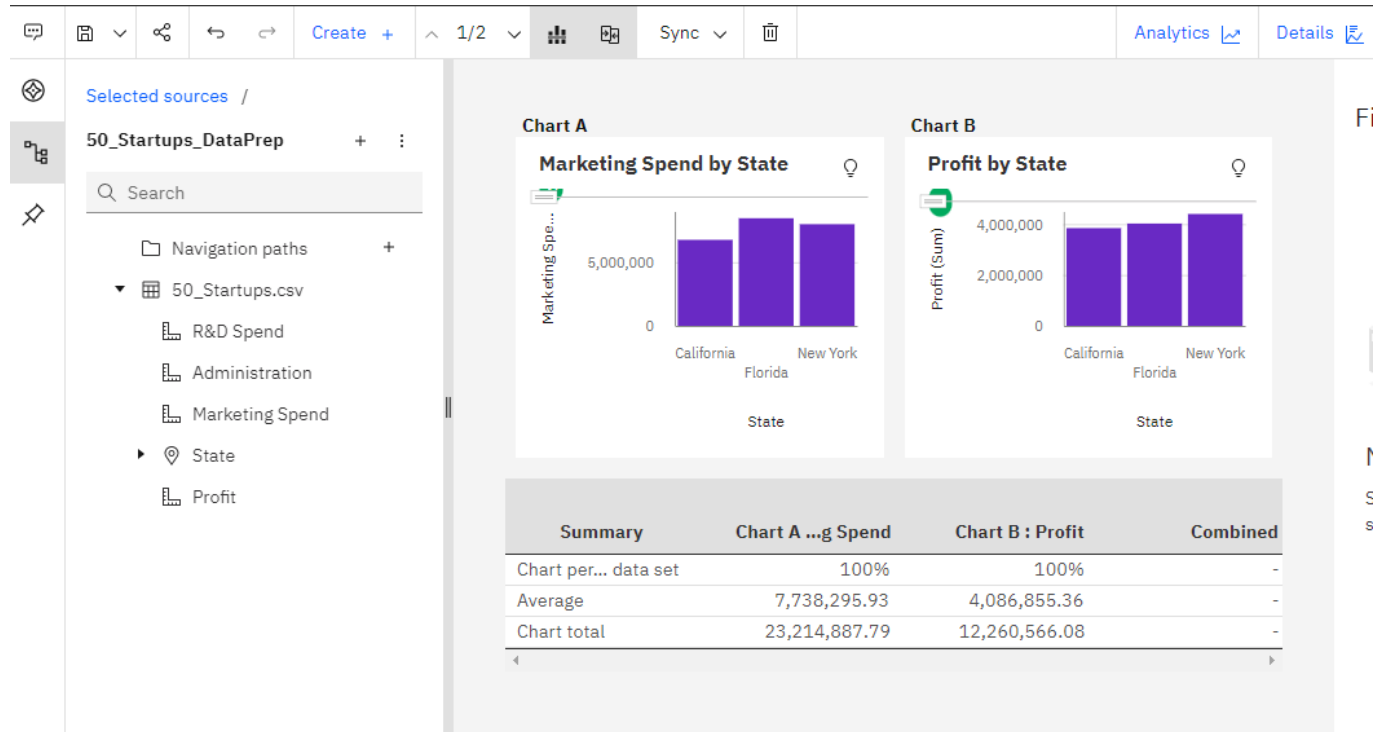
iv) Choose a type like the charts mentioned.

The screenshot displays a data visualization tool interface. At the top, there is a toolbar with icons for chat, save, share, undo, redo, 'Create +', zoom, view, 'Sync', and delete. The 'Cards' panel on the left shows a workspace with a dashed box and a 'Data relationships' diagram. The main workspace contains two identical prompts: 'Create a comparison' with the instruction 'Drag and drop fields or choose visualization type' and a 'Choose a type' button. Below the workspace, the 'Choose visualization type' section lists various chart types categorized into Comparison, Parts to whole, Trend, Relationships, Tables and summary, Advanced analytics, Geospatial, and Other.

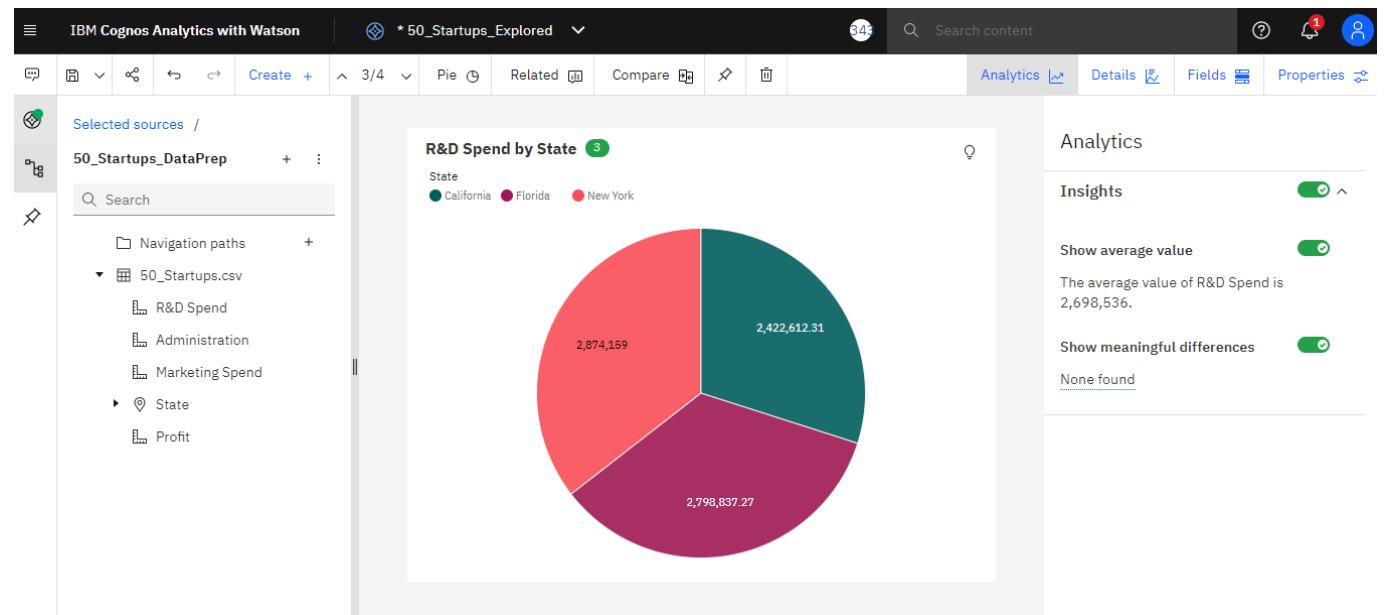
Choose visualization type

- Comparison**
 - Bar
 - Bullet
 - Column
 - Heat map
 - Line and column
 - Marimekko
 - Radar
 - Radial
 - Stacked bar
 - Stacked column
 - Word cloud
- Parts to whole**
 - Hierarchy bubble
 - Packed bubble
 - Pie
 - Tree map
- Trend**
 - Area
 - Box plot
 - Line
 - Line and column
 - Point
 - Radial
 - Waterfall
- Relationships**
 - Bubble
 - Heat map
 - Network
 - Scatter
- Tables and summary**
 - Crosstab
 - List
 - Summary
 - Table
- Advanced analytics**
 - Decision tree
 - Driver analysis
 - Spiral
 - Sunburst
- Geospatial**
 - Legacy map
 - Map
- Other**
 - Filter dropdown
 - KPI

Outcome: Compare Visualization:



Single Visualization:



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SREE NANDINI M