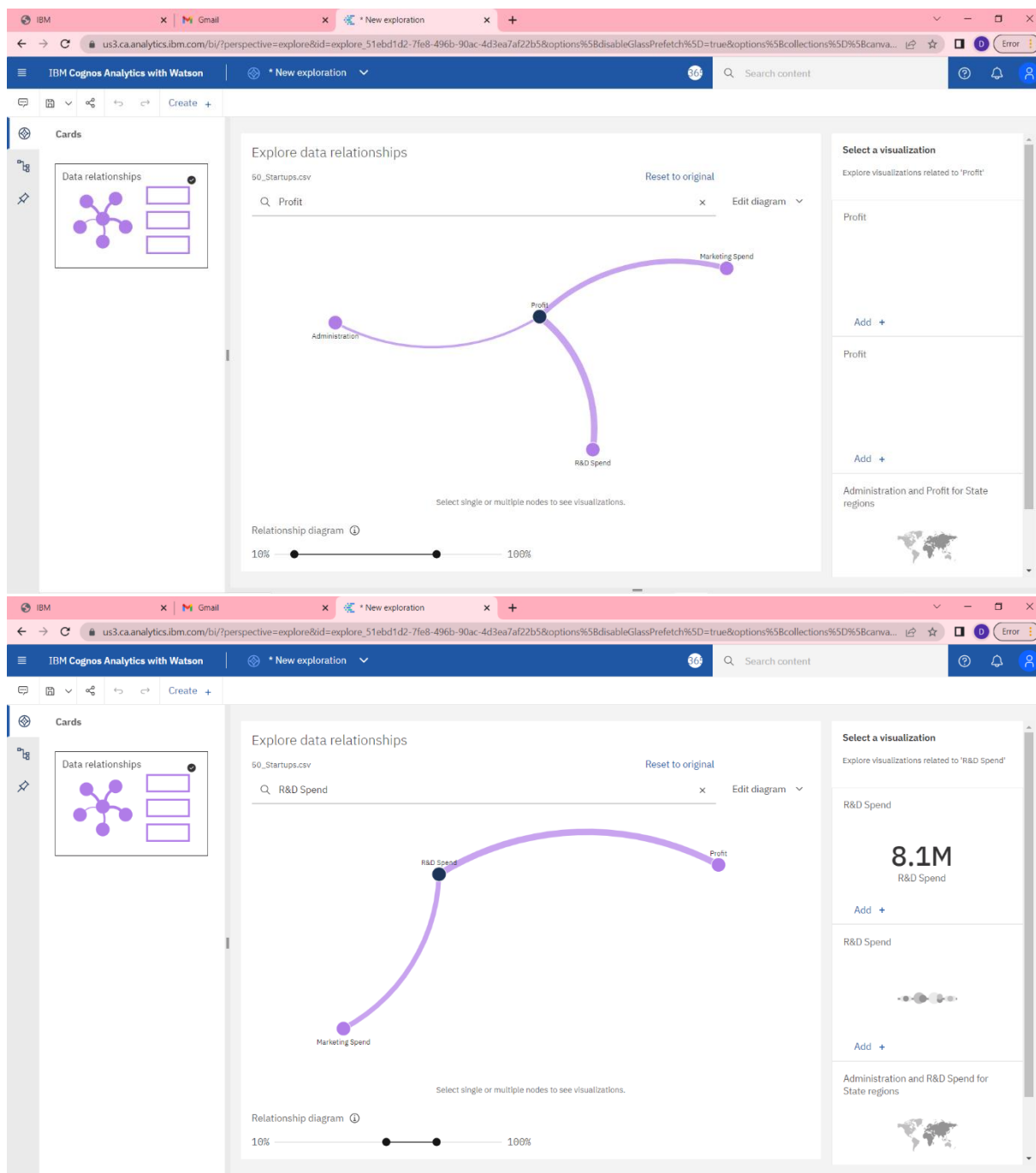


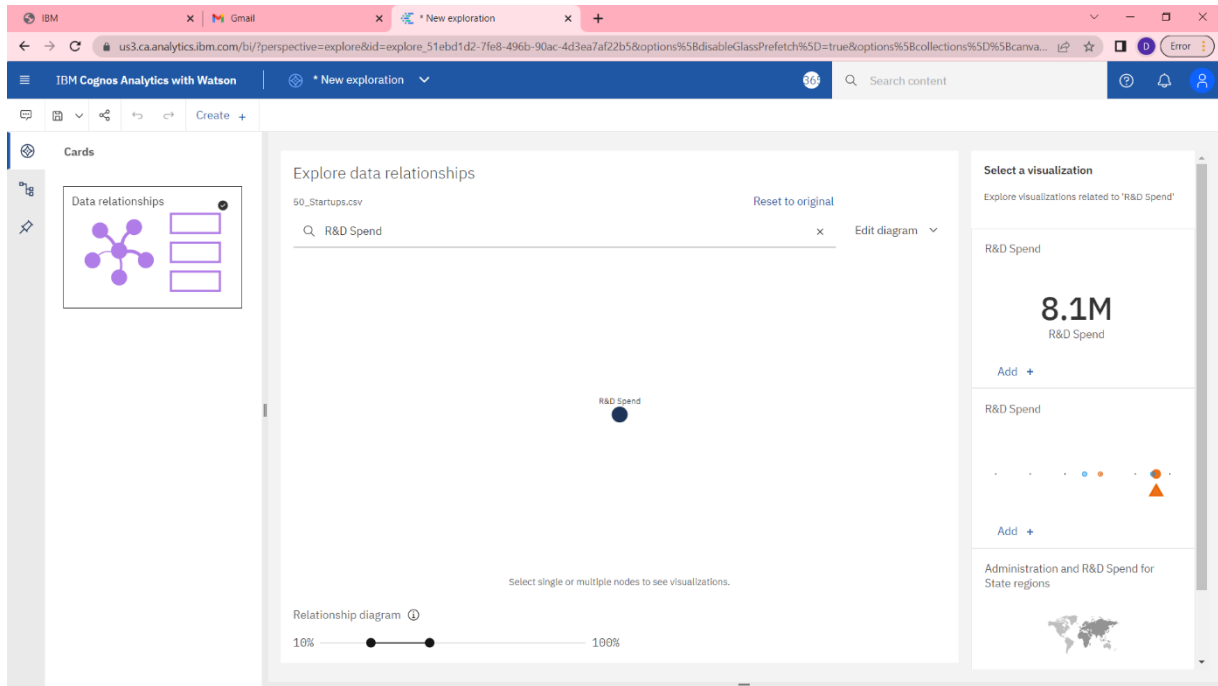
Analytics For Hospitals' Health-Care Data

Assignment – 1

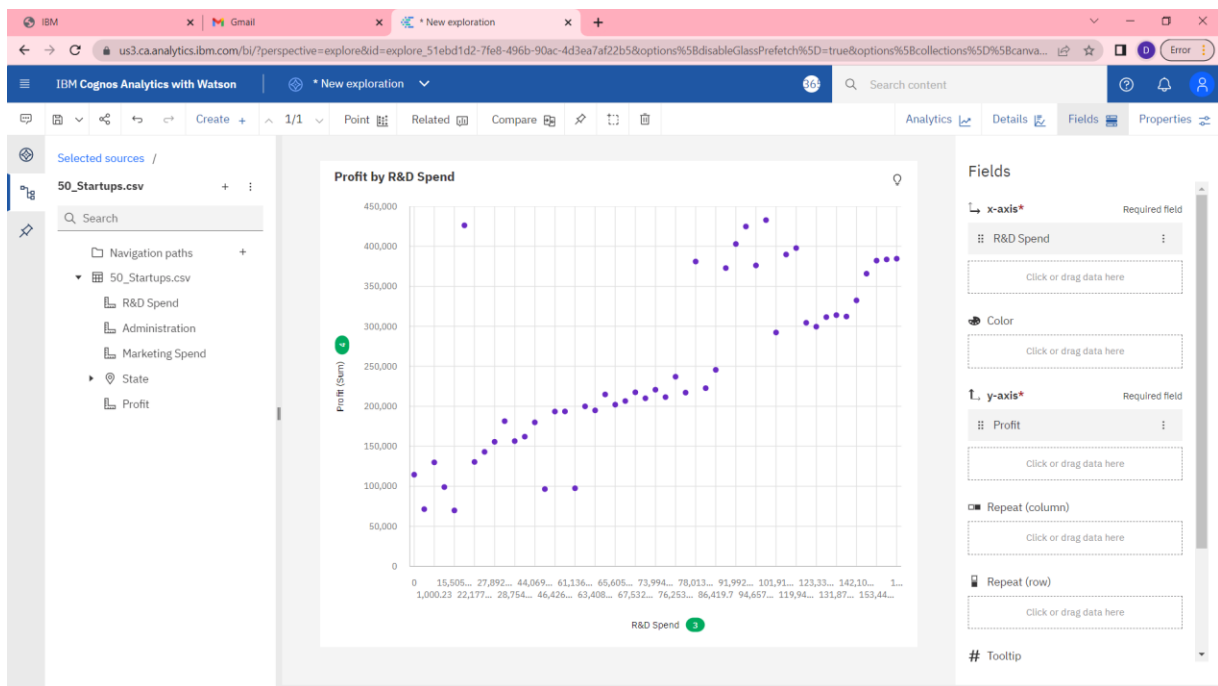
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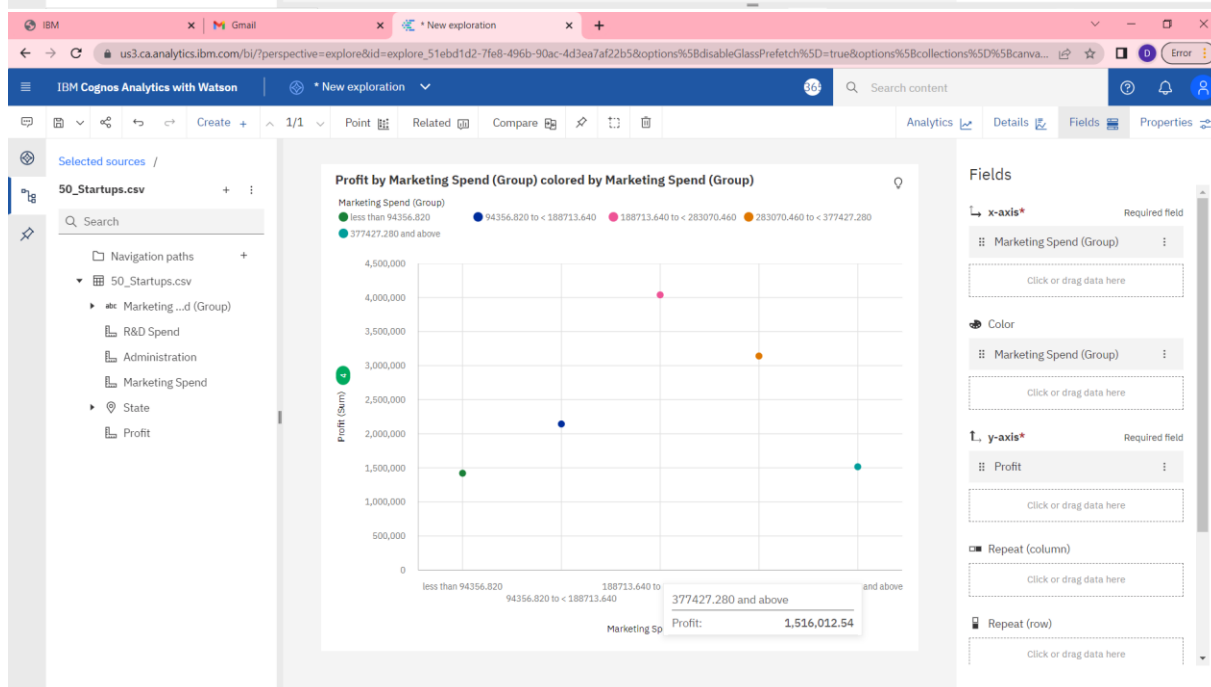
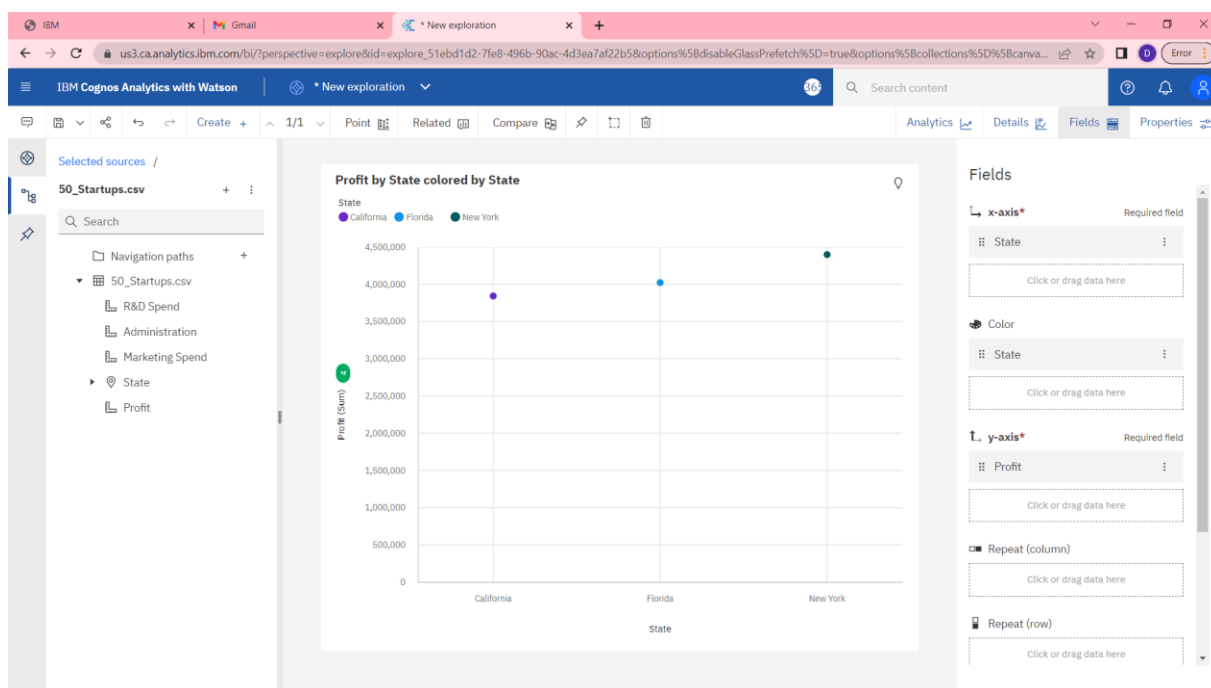
EXPLORING DATA RELATIONS

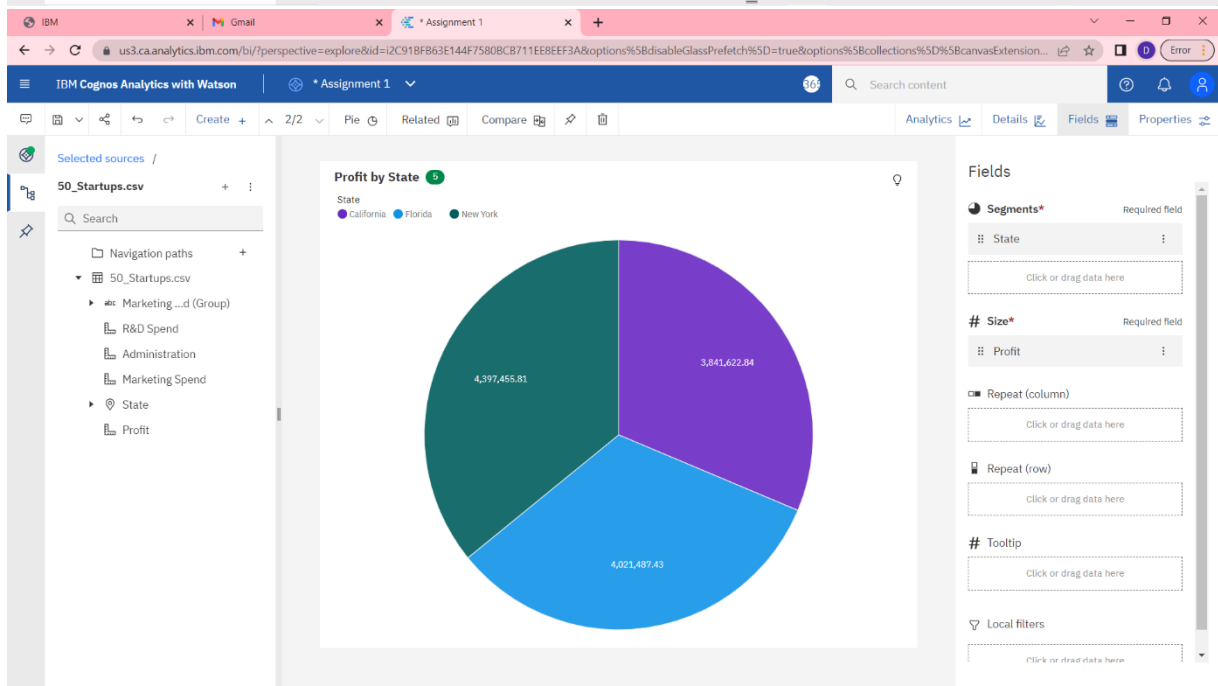
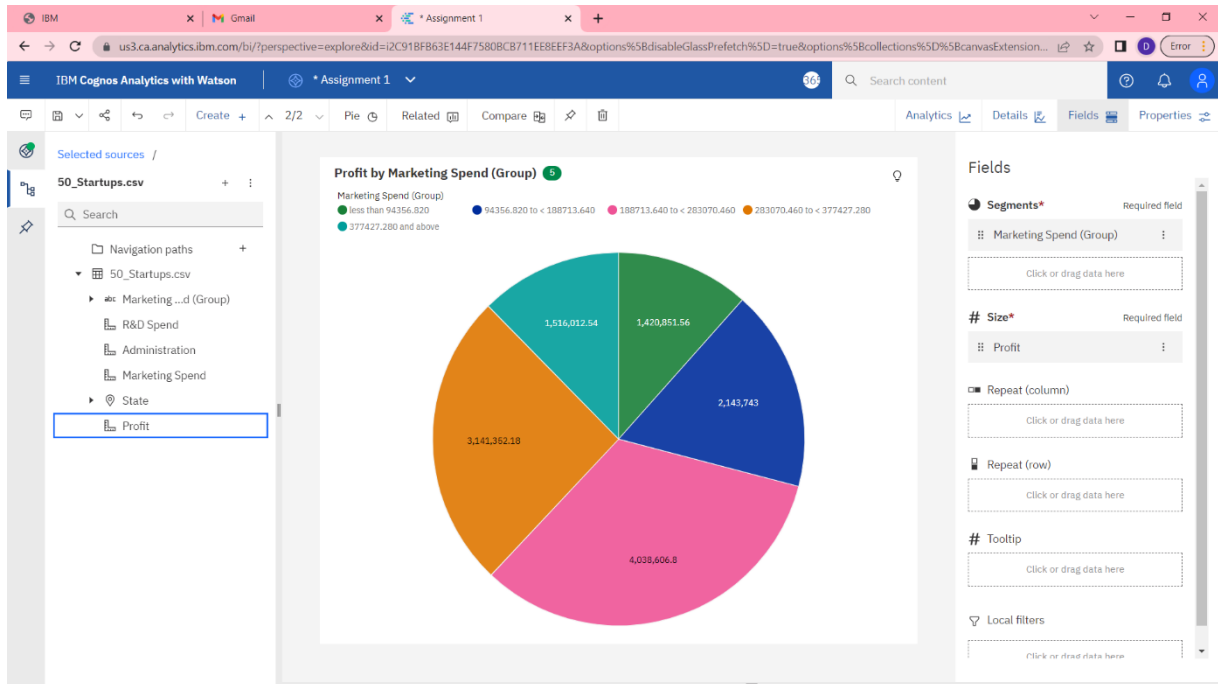




VISUALIZATION OF DATA







The screenshot displays the IBM Cognos Analytics web application. The browser address bar shows a URL from us3.ca.analytics.ibm.com. The interface includes a top navigation bar with the IBM logo, a search bar, and a user profile icon. Below this is a toolbar with various icons for navigation and analysis. The main workspace is divided into three sections:

- Left Panel (Selected sources):** Shows a tree view of data sources. Under '50_Startups.csv', the 'Marketing Spend' folder is expanded, and the 'State' item is selected.
- Center Panel:** Displays a pivot table titled 'Profit for Marketing Spend (Group) and State'. The table has 'Profit' as the row dimension and 'Marketing Spend (Group)' as the column dimension. The data is summarized by state.
- Right Panel (Fields):** Contains sections for 'Columns', 'Rows', 'Values', and 'Local filters'. 'Marketing Spend (Group)' is added to the Columns section, 'State' is added to the Rows section, and 'Profit' is added to the Values section.

The pivot table data is as follows:

Profit	less than 94356.820 to < ...	94356.820 to < ...	188713.640 to < ...	283070.460 to < ...	377427.280 and > ...
California	439,738.6	988,542.02	1,493,290.12	536,467.98	383,584.12
Florida	99,937.59	495,830.67	1,489,782.63	1,553,835.76	382,100.78
New York	881,175.37	659,370.31	1,055,534.05	1,051,048.44	750,327.64
Summary	1,420,851.56	2,143,743	4,038,606.8	3,141,352.18	1,516,012.94