

**HX8001**

**PROFESSIONAL READINESS FOR INNOVATION,  
EMPLOYMENTABILITY AND ENTREPRENEURSHIP**

**ASSIGNMENT-I**

**TEAM ID: PNT2022TMID42779**

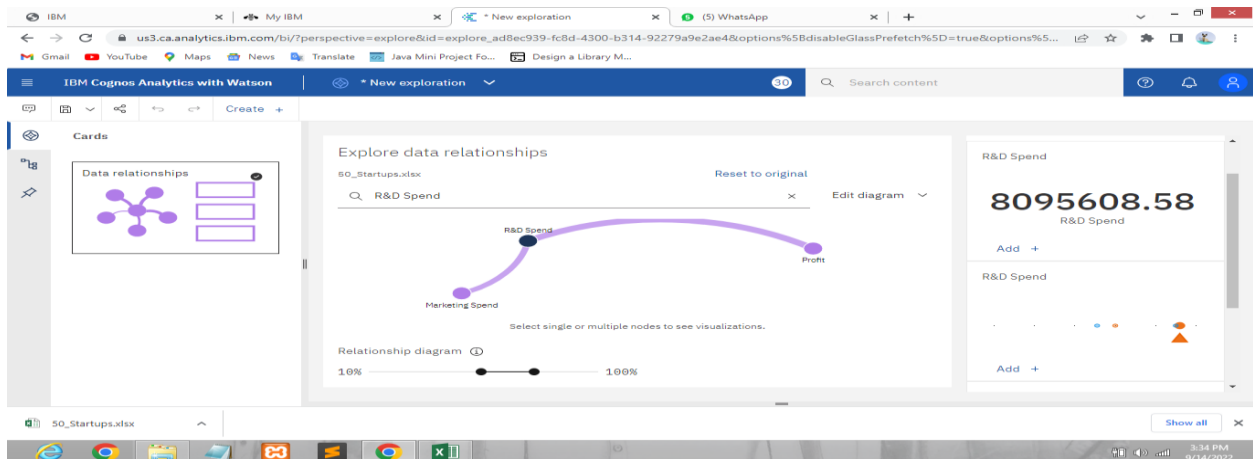
**PROJECT TITLE: ESTIMATE THE CROP YIELD USING DATA  
ANALYTIC**

**NAME: VIJAY.B**

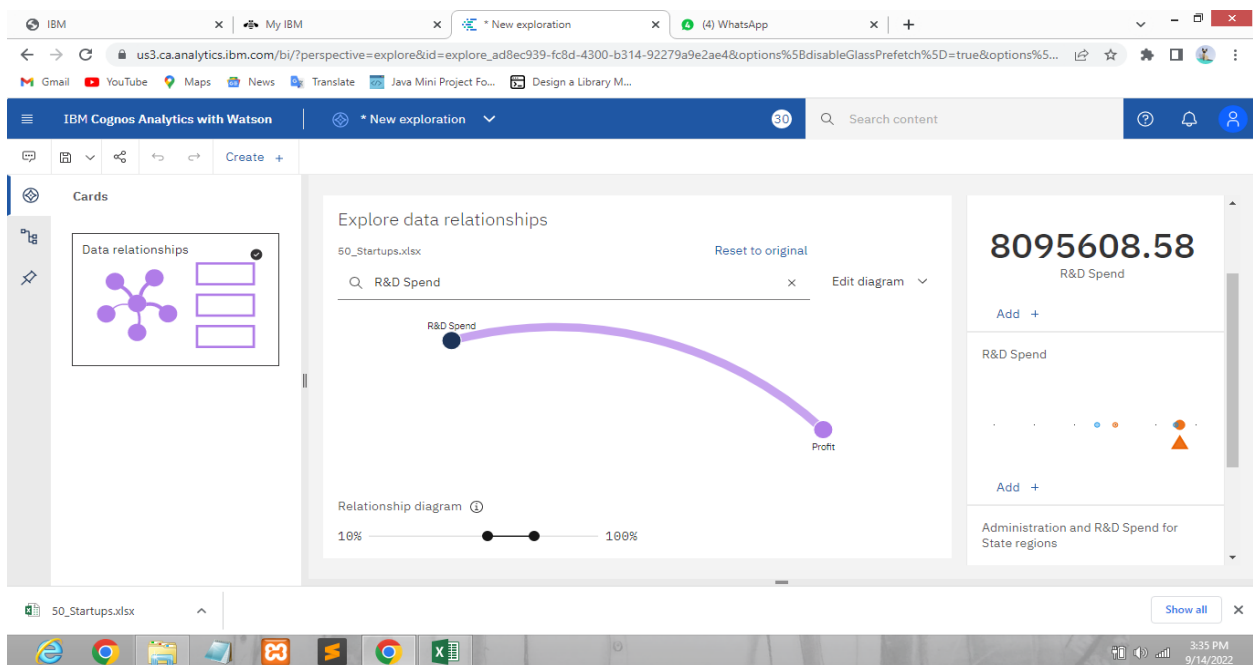
## Explore data relationships:

### R&D Spend:

### Marketing and Profit:



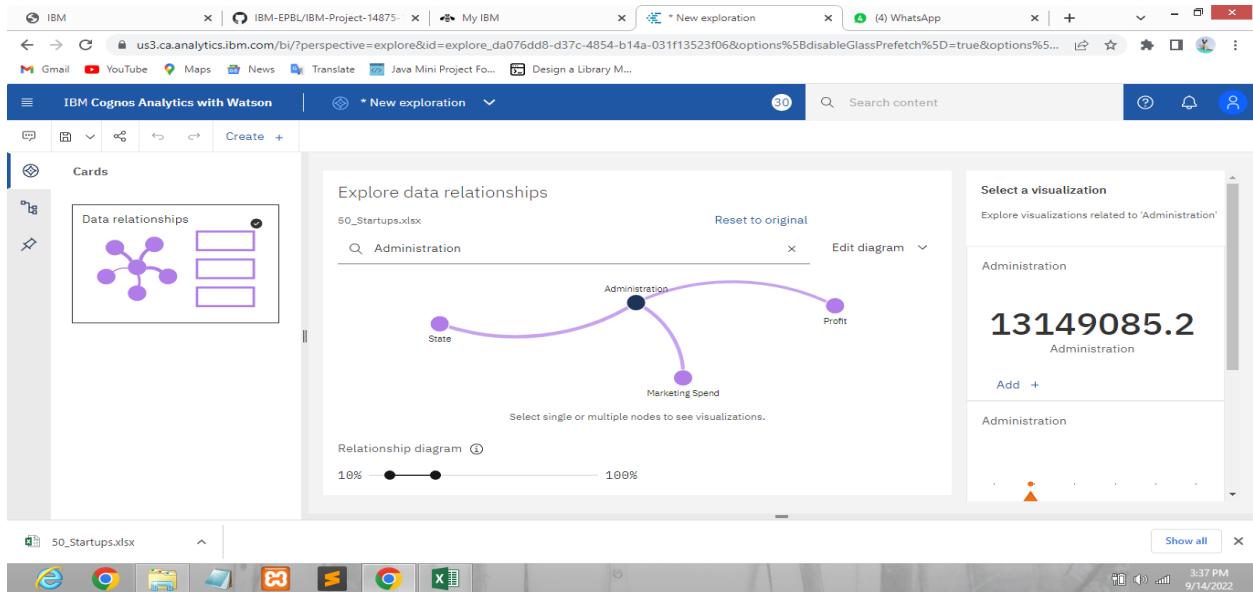
### R&D Spend and Profit:



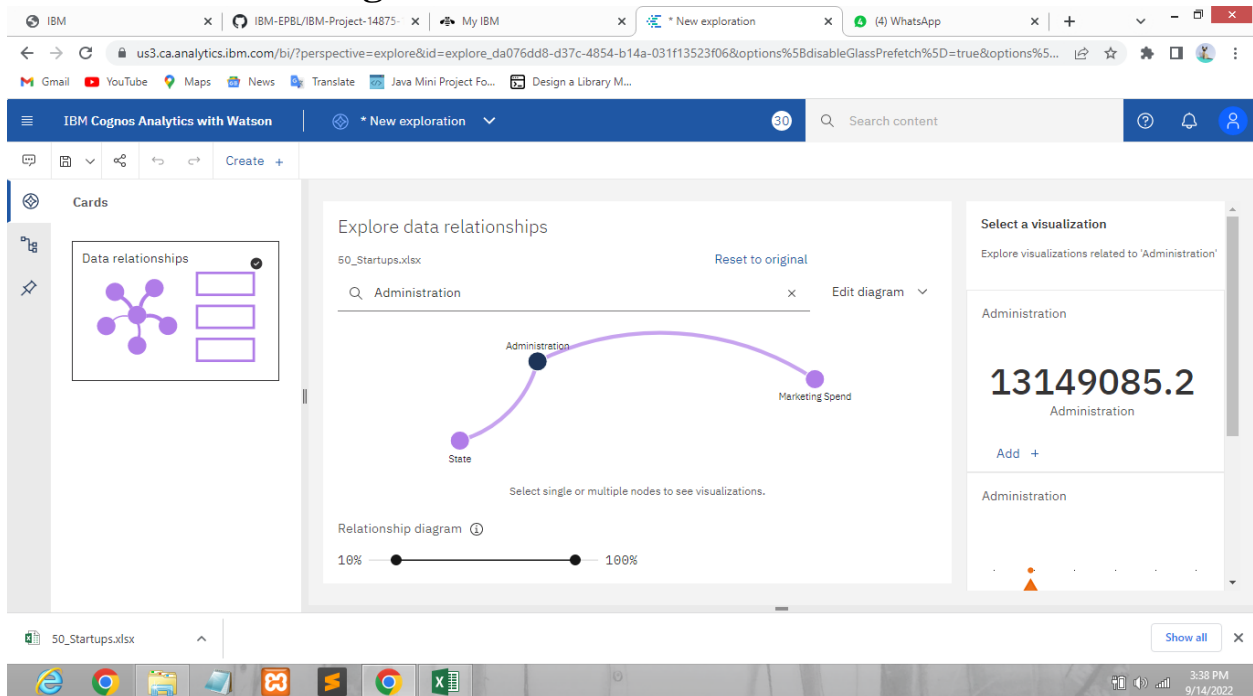
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## Administration:

## State, Marketing, Profit:



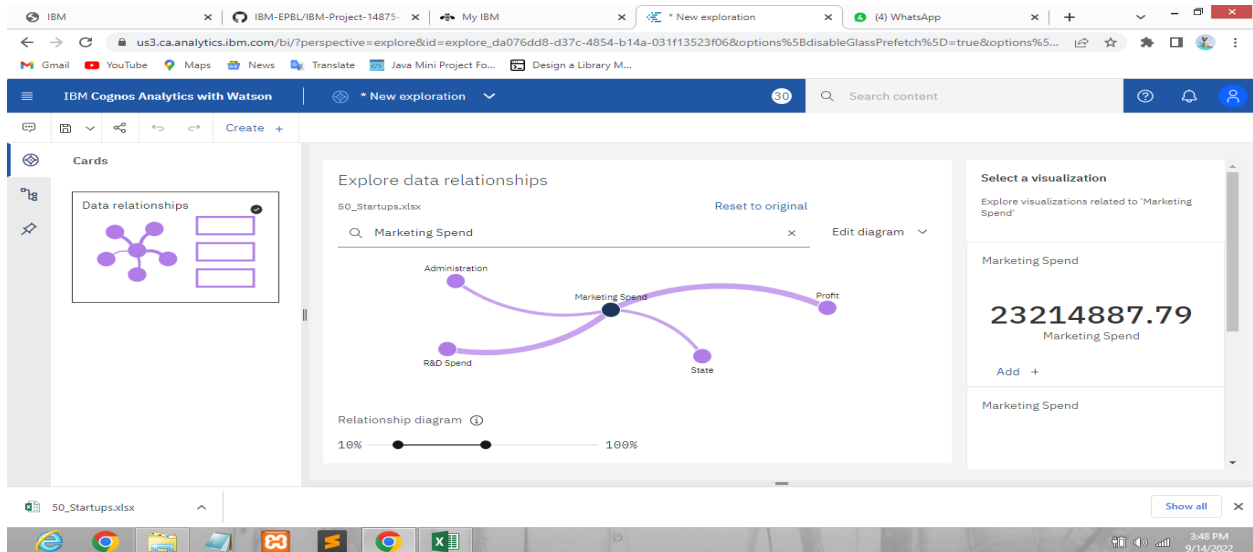
## State and Marketing:



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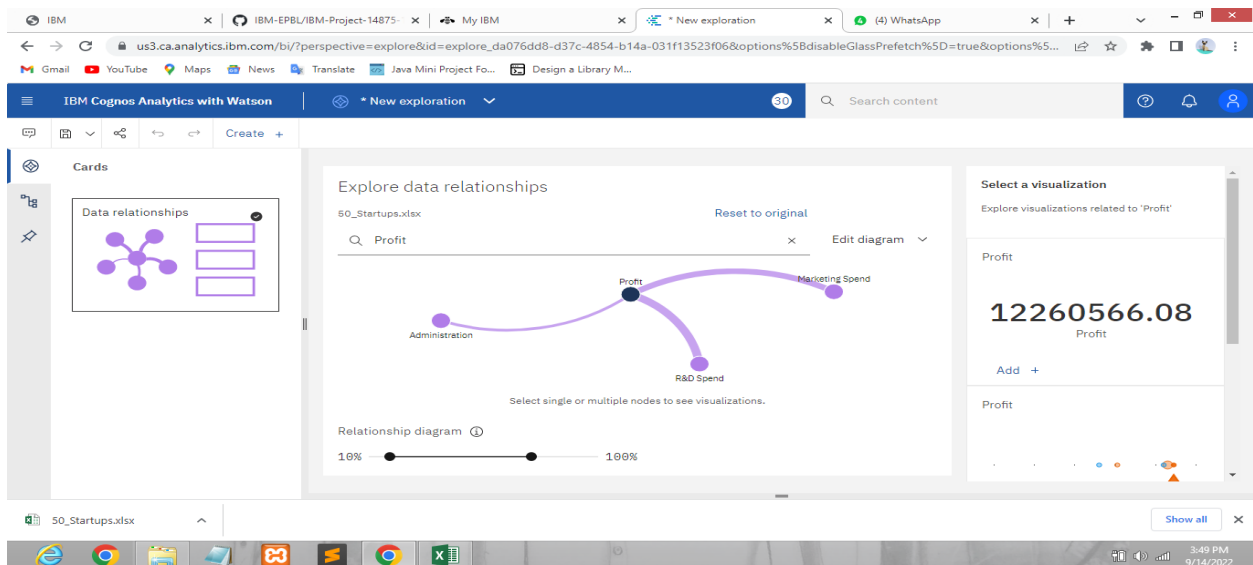
## Marketing:

## Administration, R&D Spend, State, Profit:



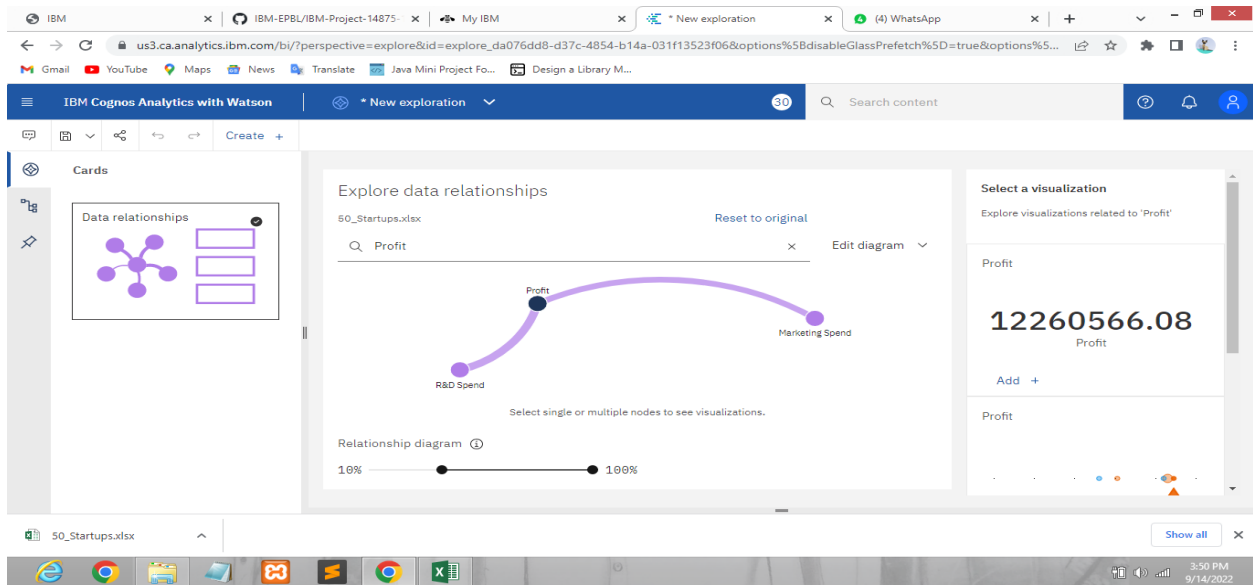
## Profit:

## Administration, R&D Spend, Marketing Spend:



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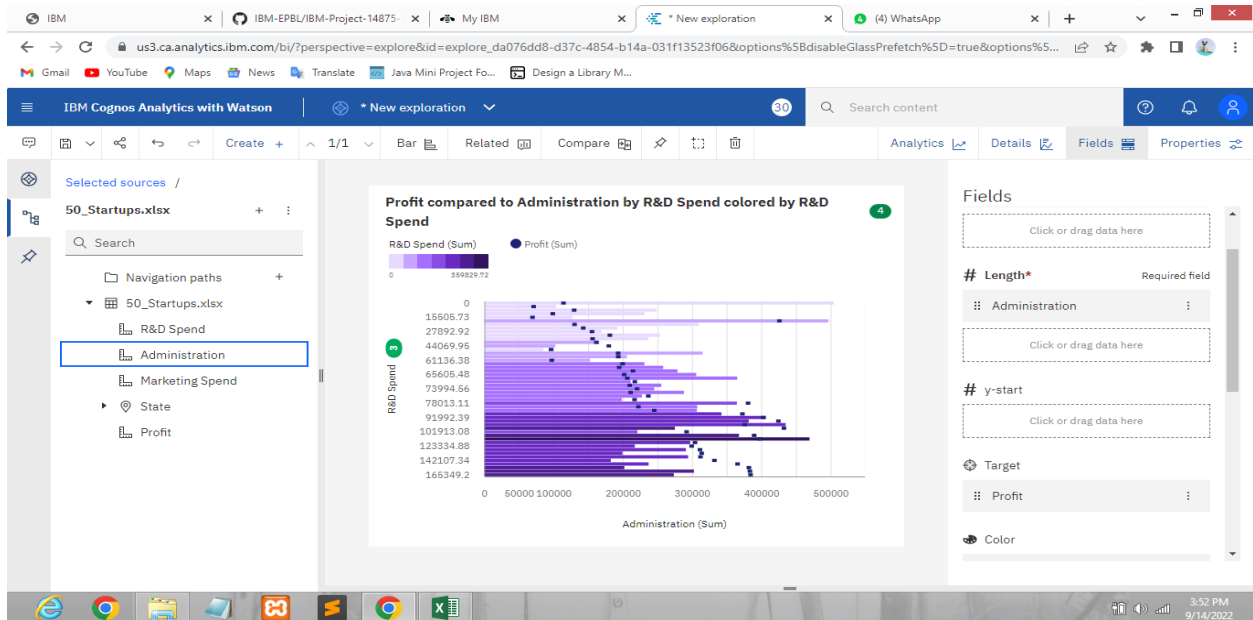
## R&D Spend and Marketing:



## Bar chart:

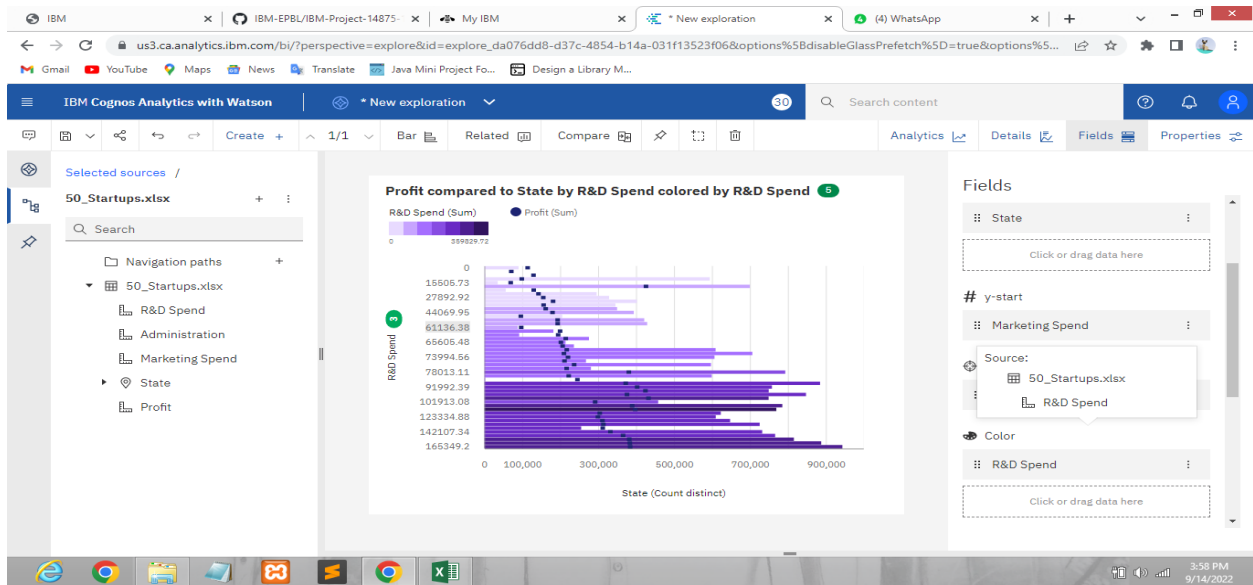
## Profit compare:

## Administration by R&D Spend colored by R&D Spend:

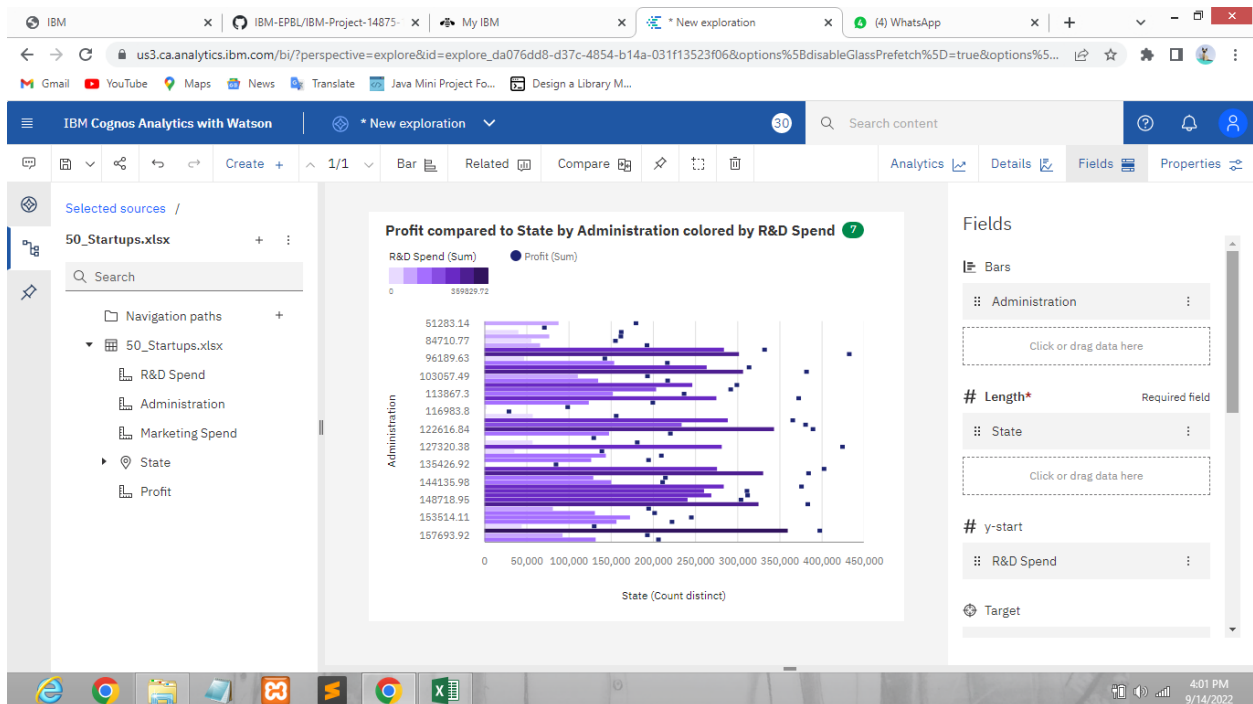


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## State by R&D Spend colored by R&D Spend:

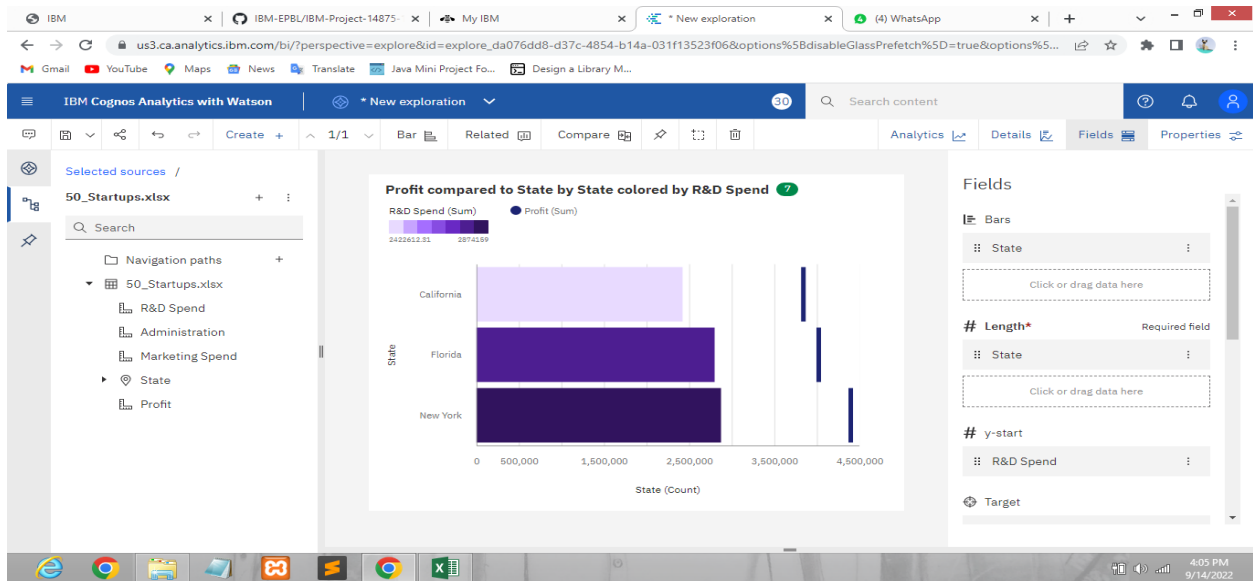


## State by Administration colored by R&D Spend:

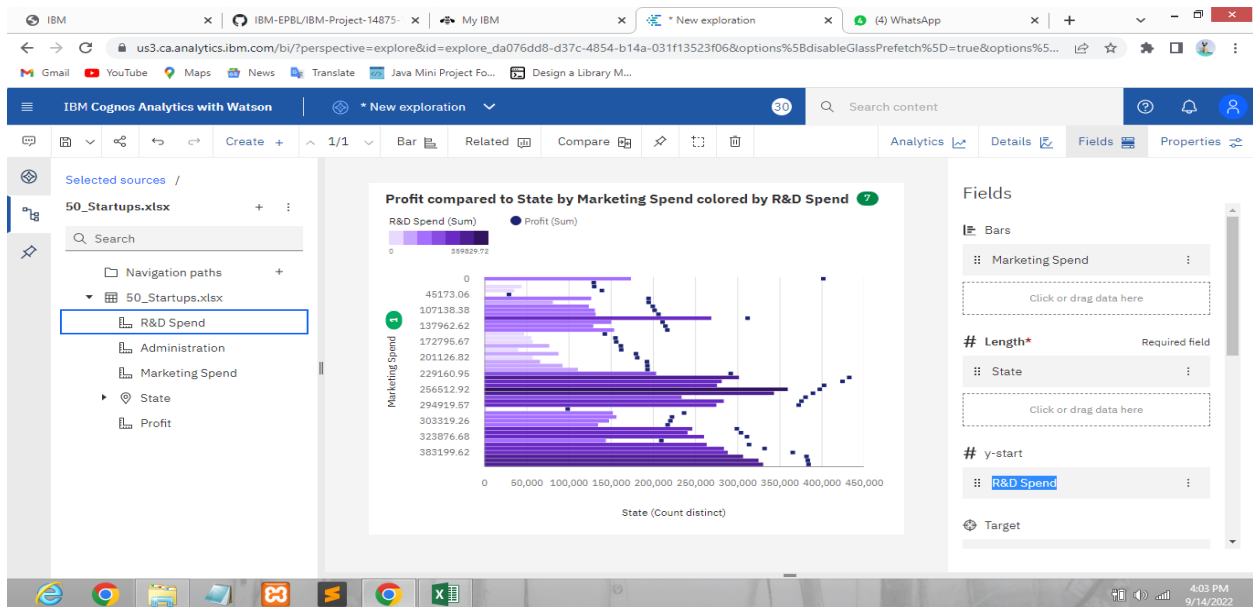


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## Marketing Spend colored by R&D Spend:

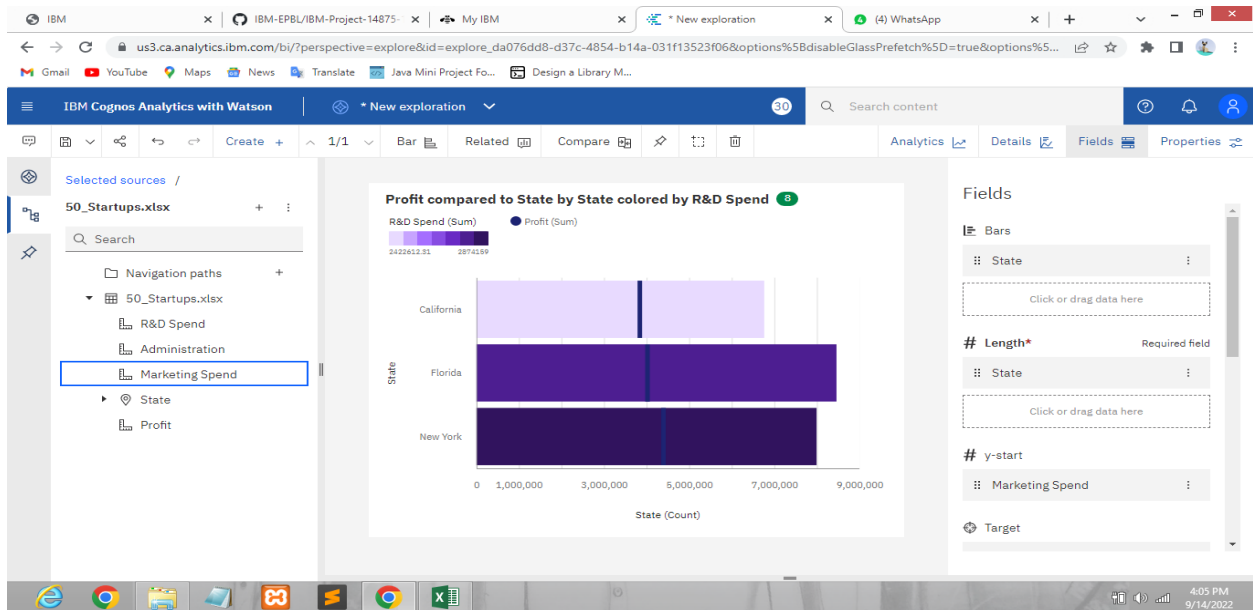


## State by marketing spend colored by R&D Spend:



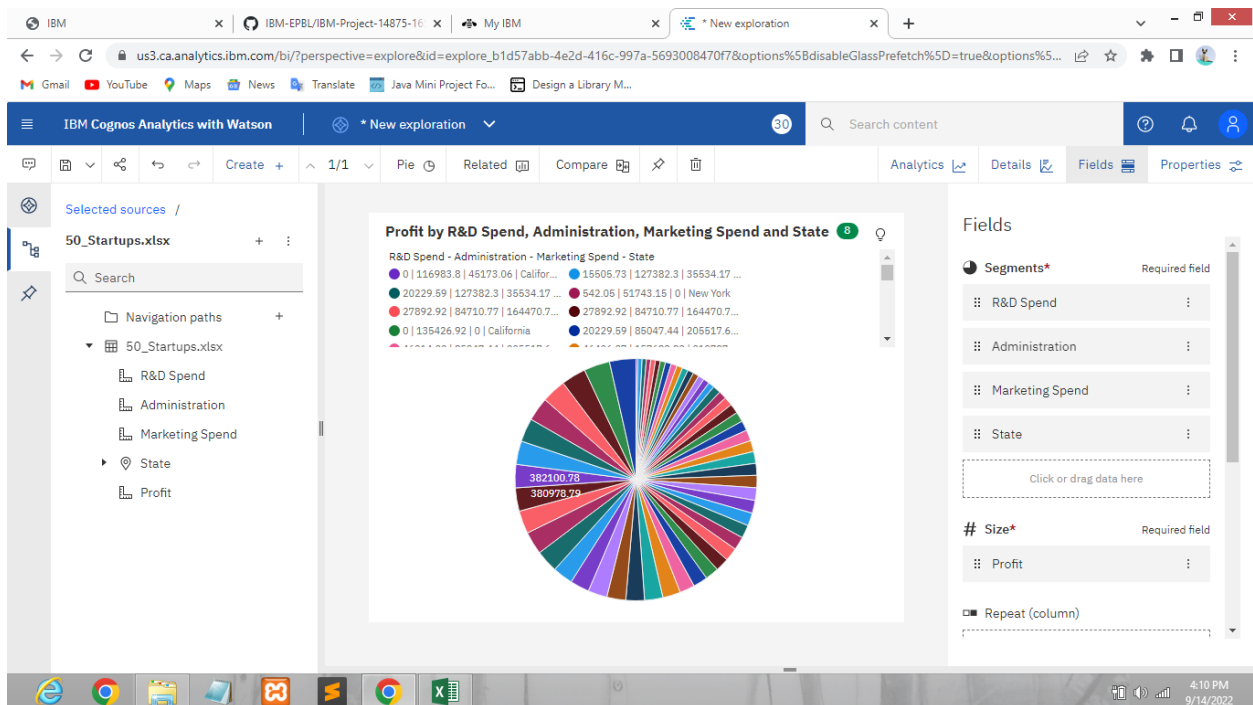
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## State by state colored by R&D Spend:



## Pie chart:

## Profit by R&D Spend, Administration, Marketing Spend and State:

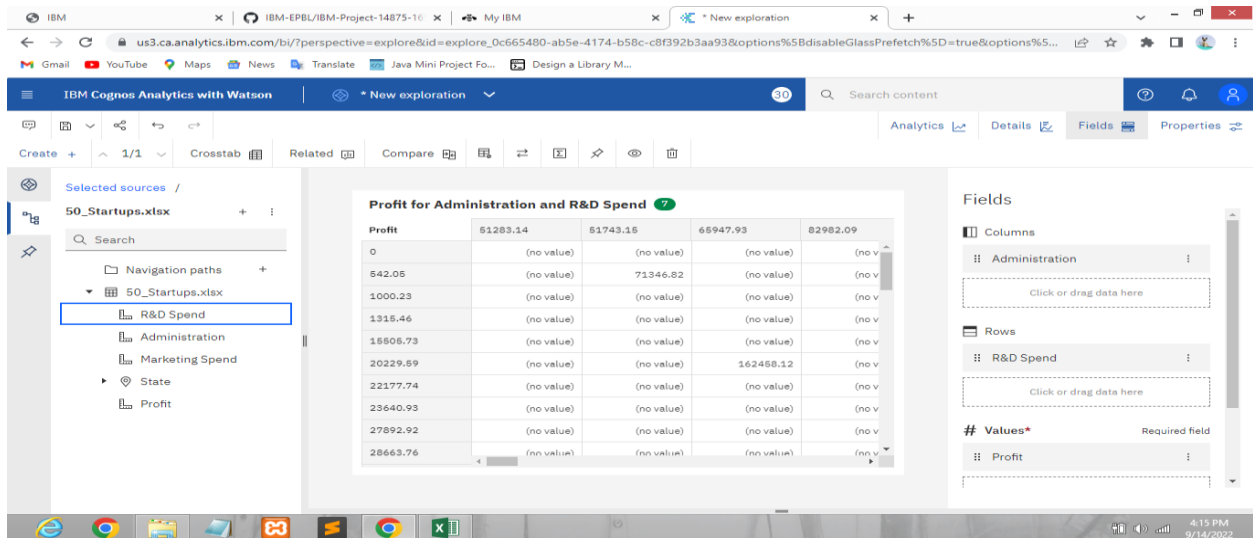




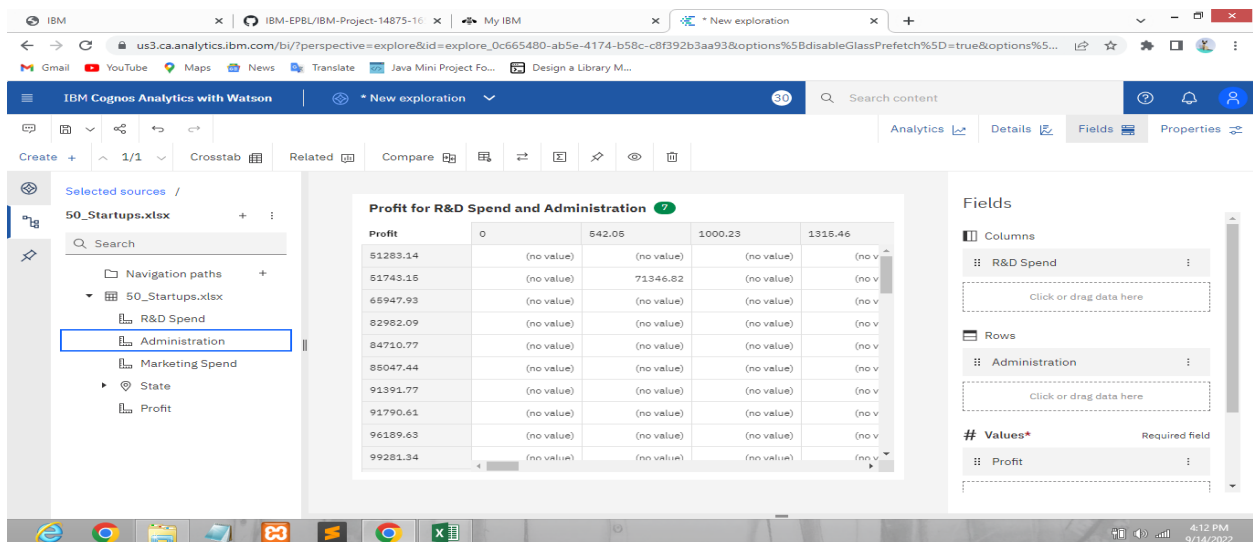
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## Crosstab:

### Profit for R&D Spend and administration:

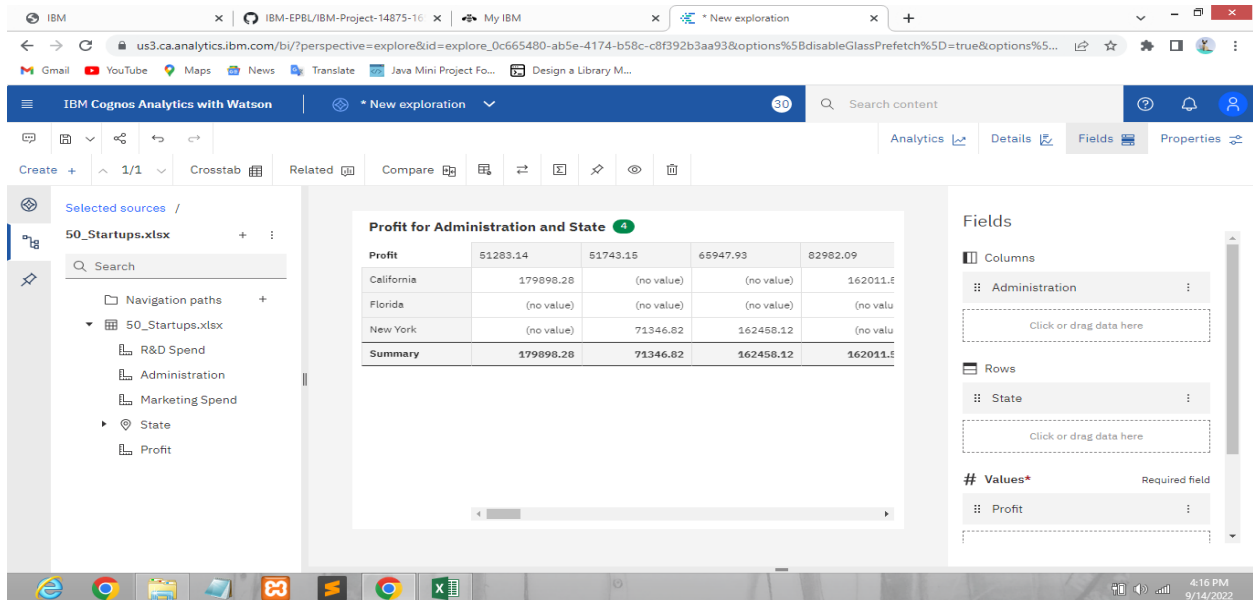


### Profit for R&D Spend and administration:

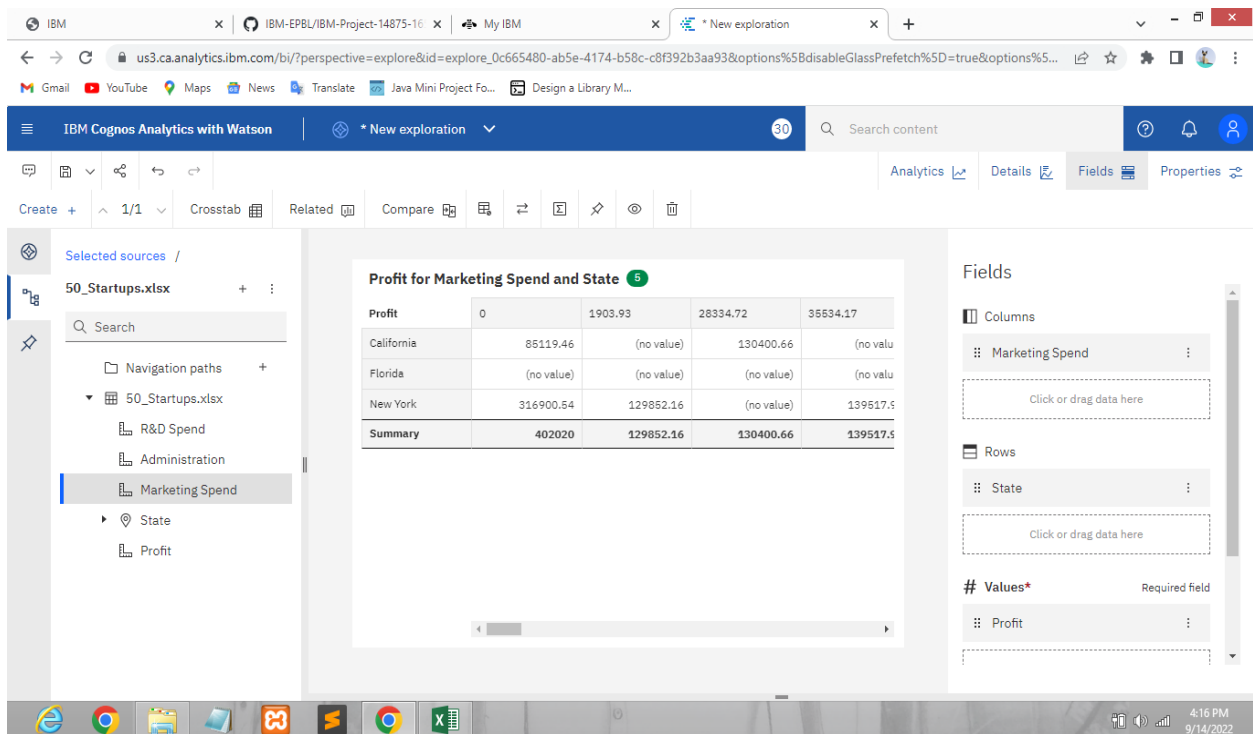


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## Profit for administration and marketing Spend:



## Profit for marketing spend and state:



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## Profit for state and R&D Spend:

The screenshot displays the IBM Cognos Analytics interface. On the left, a navigation pane shows the file '50\_Startups.xlsx' with a tree structure including 'Navigation paths', 'R&D Spend', 'Administration', 'Marketing Spend', 'State', and 'Profit'. The main area features a pivot table titled 'Profit for State and R&D Spend'. The table has columns for 'Profit', 'California', 'Florida', 'New York', and 'Summary'. The 'Summary' column contains totals for each row. A context menu is open over the 'R&D Spend' field in the 'Fields' panel on the right, showing options: 'Sort', 'Filter', 'Auto-group', 'Format data', and 'Remove column'. The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 4:18 PM on 9/14/2022.

Profit	California	Florida	New York	Summary
0	114482.26	(no value)	(no value)	11448
542.05	(no value)	(no value)	71346.82	7134
1000.23	(no value)	(no value)	129852.16	12985
1315.46	(no value)	98981.5	(no value)	989
15505.73	(no value)	(no value)	69755.98	6975
20229.59	(no value)	(no value)	426180.17	42618
22177.74	130400.66	(no value)	(no value)	13040
23640.93	142996.98	(no value)	(no value)	14299
27892.92	(no value)	77798.83	77798.83	15559
28663.76	(no value)	181416.38	(no value)	18141