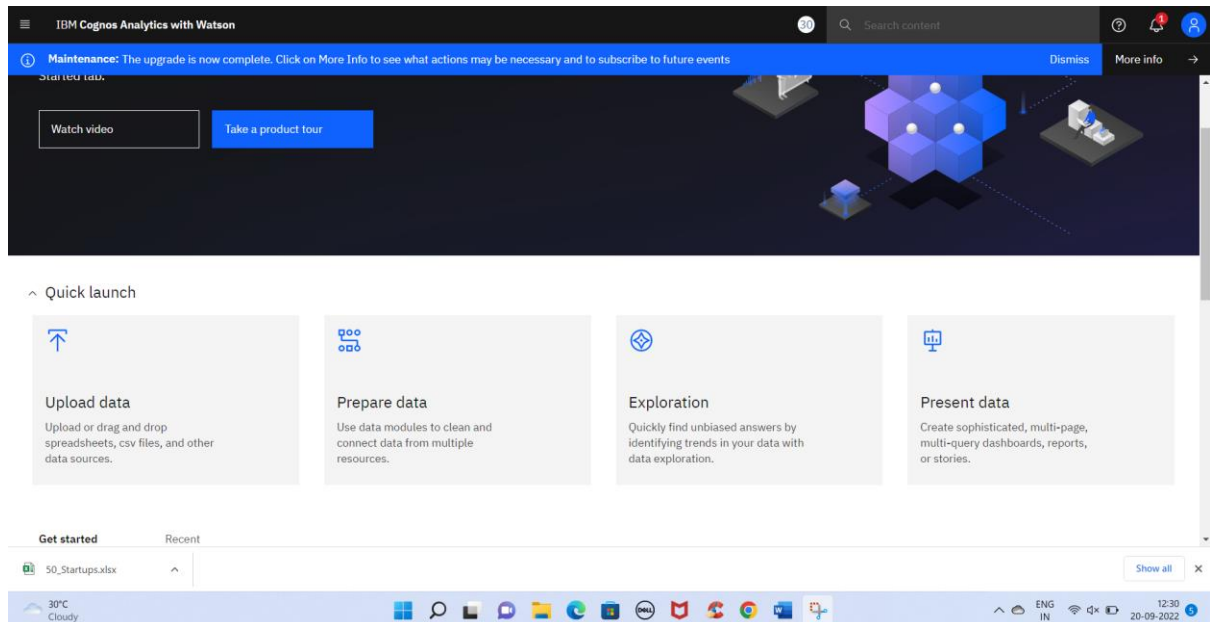


## Assignment - 1

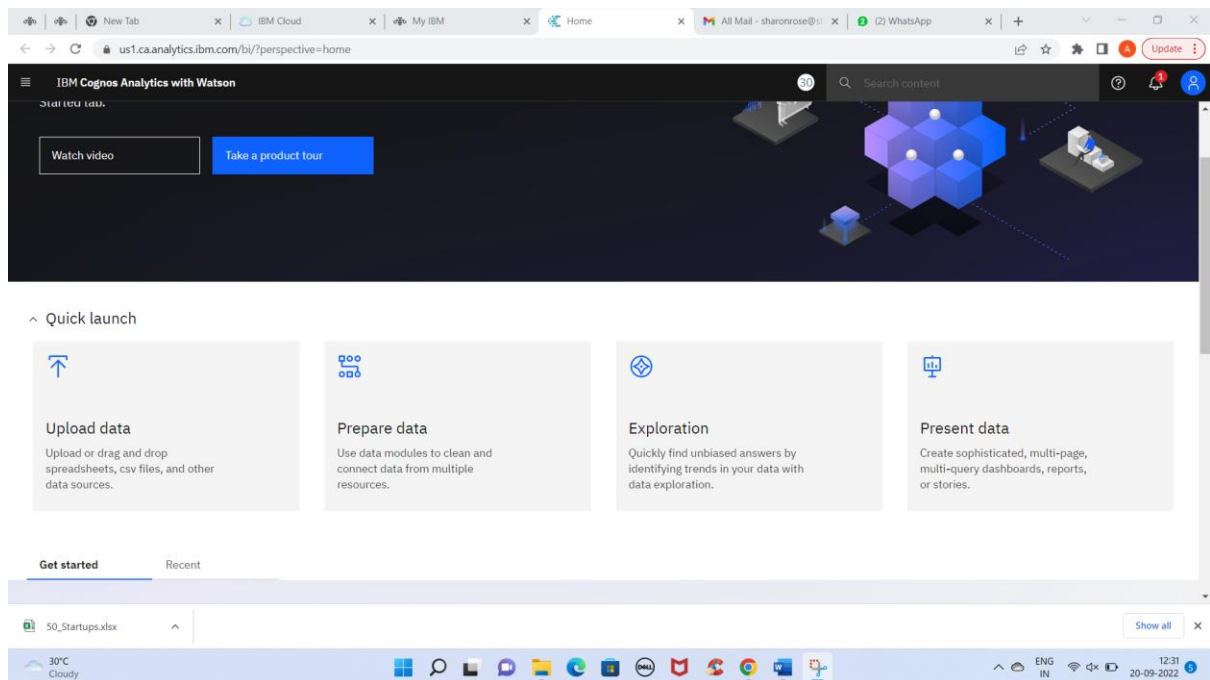
### The case of 50 Start-up's

**Dataset:** [50-Startup-Dataset](#)

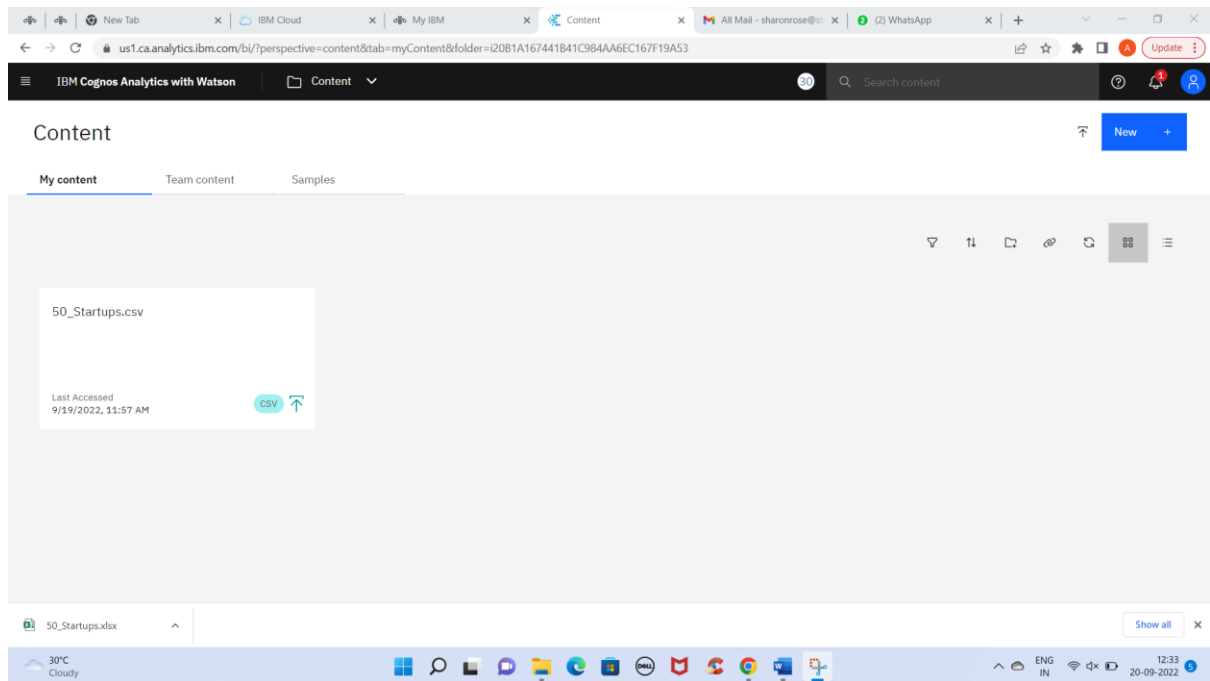
- ➔ Login to the IBM Cognos Analytics
- ➔ Select Launch from the product



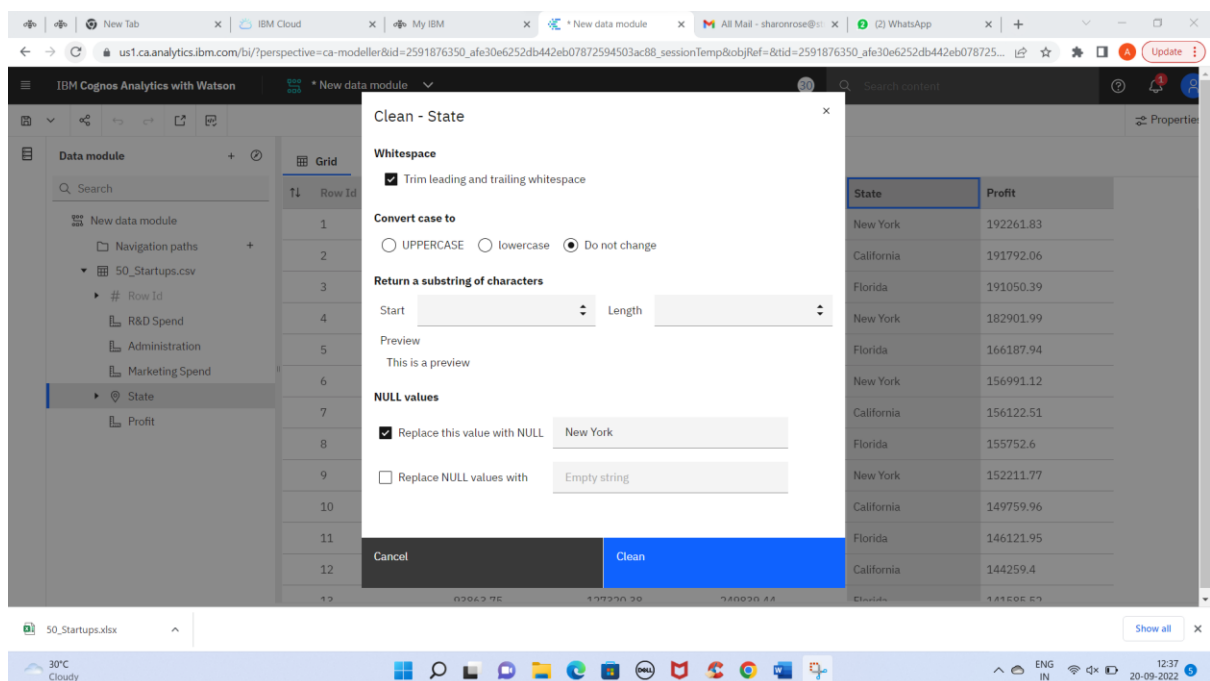
- ➔ Upload the 50 startup dataset from the local system



- ➔ The uploaded dataset can be viewed in My Content page
- ➔ Or you can also upload the dataset directly in my content page



- ➔ Clean the data for attribute state:-
- ➔ Replace New York with null value



➔ Again replacing Null with Los Vegas

**Clean - State**

**Whitespace**

- ☒ Trim leading and trailing whitespace

**Convert case to**

- ☐ UPPERCASE
- ☐ lowercase
- ☒ Do not change

**Return a substring of characters**

Start:  Length:

Preview  
This is a preview

**NULL values**

- ☒ Replace this value with NULL:
- ☒ Replace NULL values with:

Cancel Clean

State	Profit
Null	192261.83
California	191792.06
Florida	191050.39
Null	182901.99
Florida	166187.94
Null	156991.12
California	156122.51
Florida	155752.6
Null	152211.77
California	149759.96
Florida	146121.95
California	144259.4

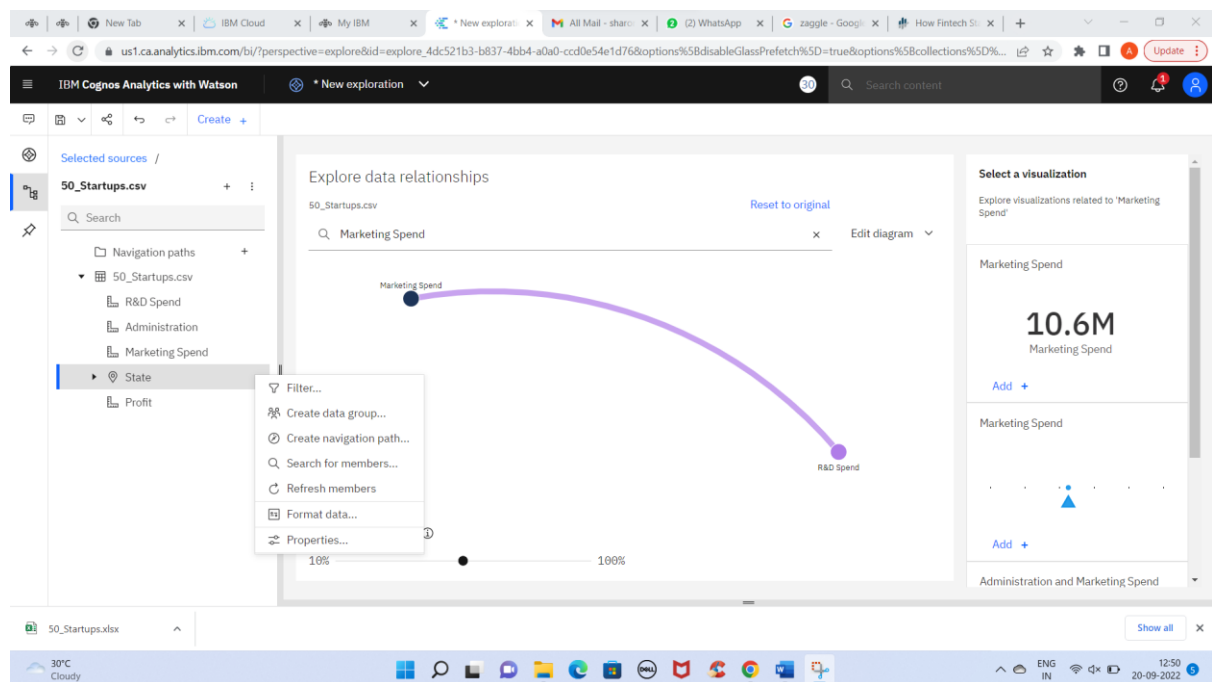
**Grid**

Row Id	R&D Spend	Administration	Marketing Spend	State	Profit
1	165349.2	136897.8	471784.1	Los Vegas	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	Los Vegas	182901.99
5	142107.34	91391.77	366168.42	Florida	166187.94
6	131876.9	99814.71	362861.36	Los Vegas	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	Los Vegas	152211.77
10	123334.88	108679.17	304981.62	California	149759.96
11	101913.08	110594.11	229160.95	Florida	146121.95
12	100671.96	91790.61	249744.55	California	144259.4

➔ To save the module in newly created folder

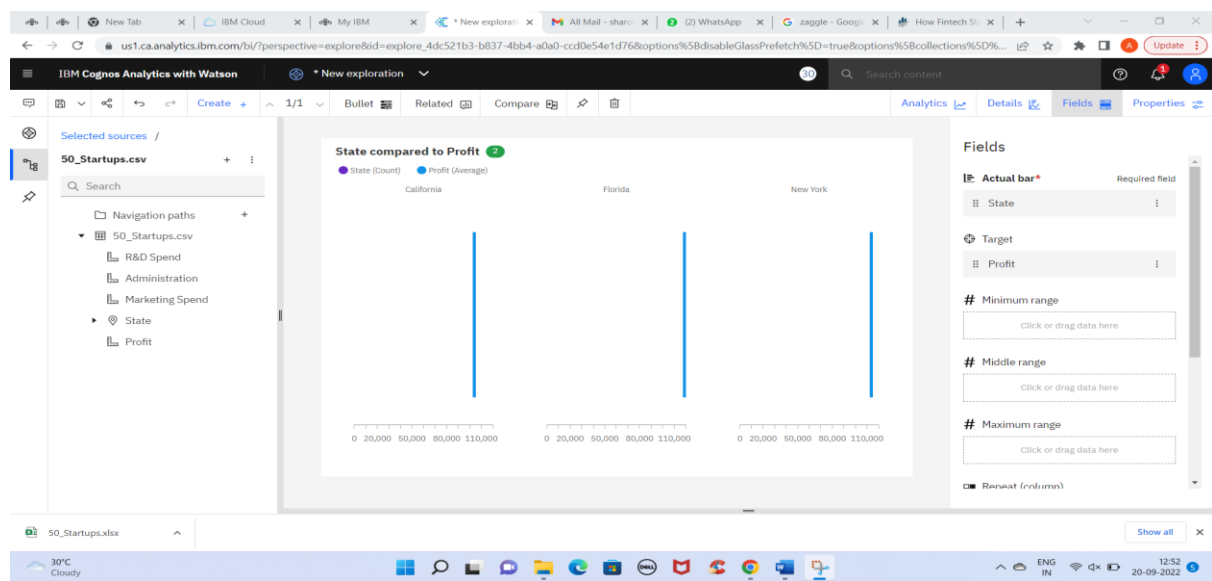
## DATA EXPLORATION

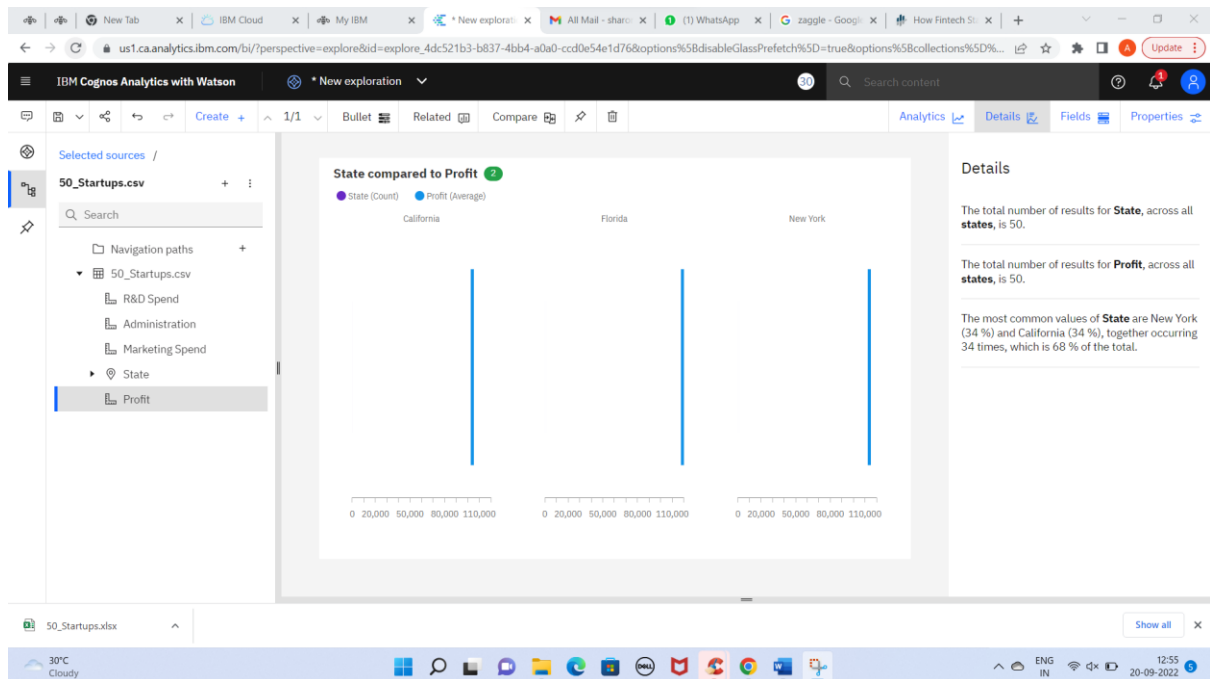
➔ Exploring recommended attribute profit



## VISUALIZATION

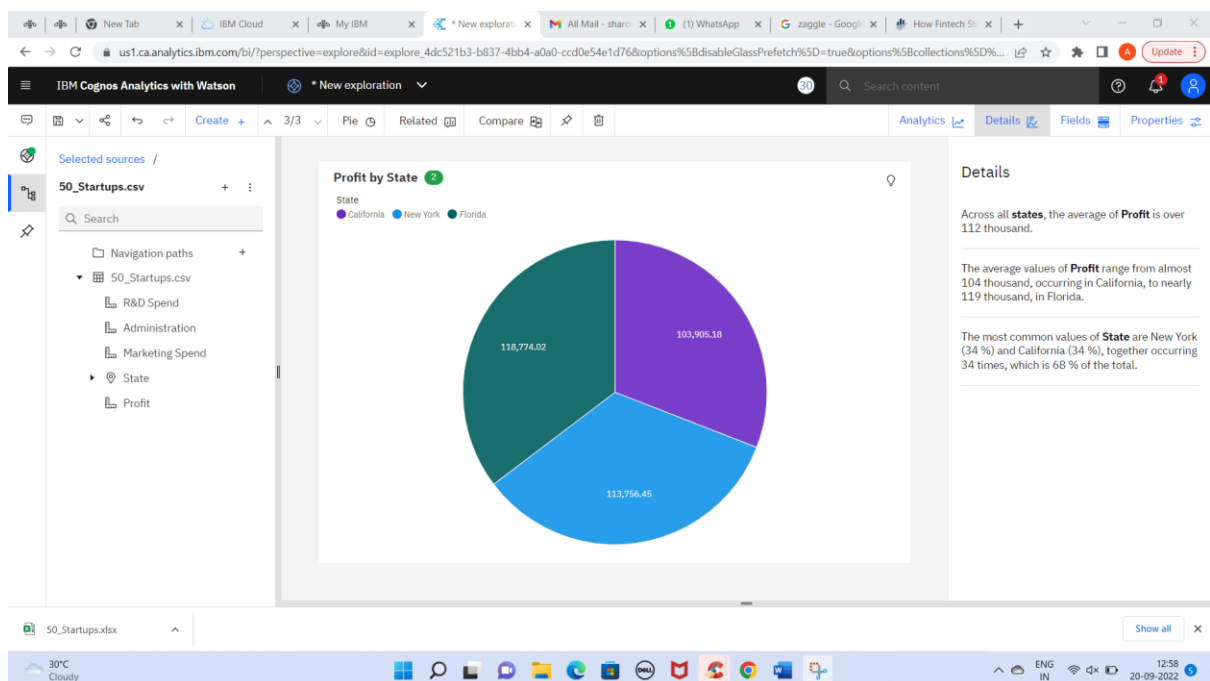
### 1.Bar Graph State compared to Profit



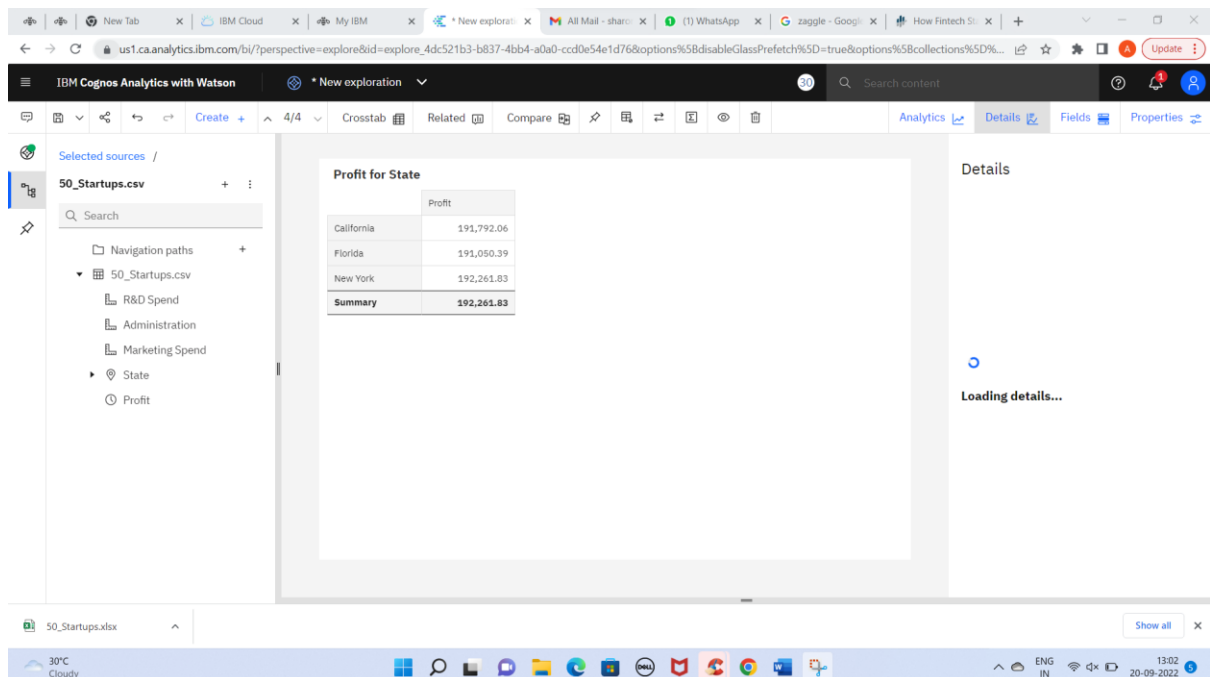


## 2. Pie Chart

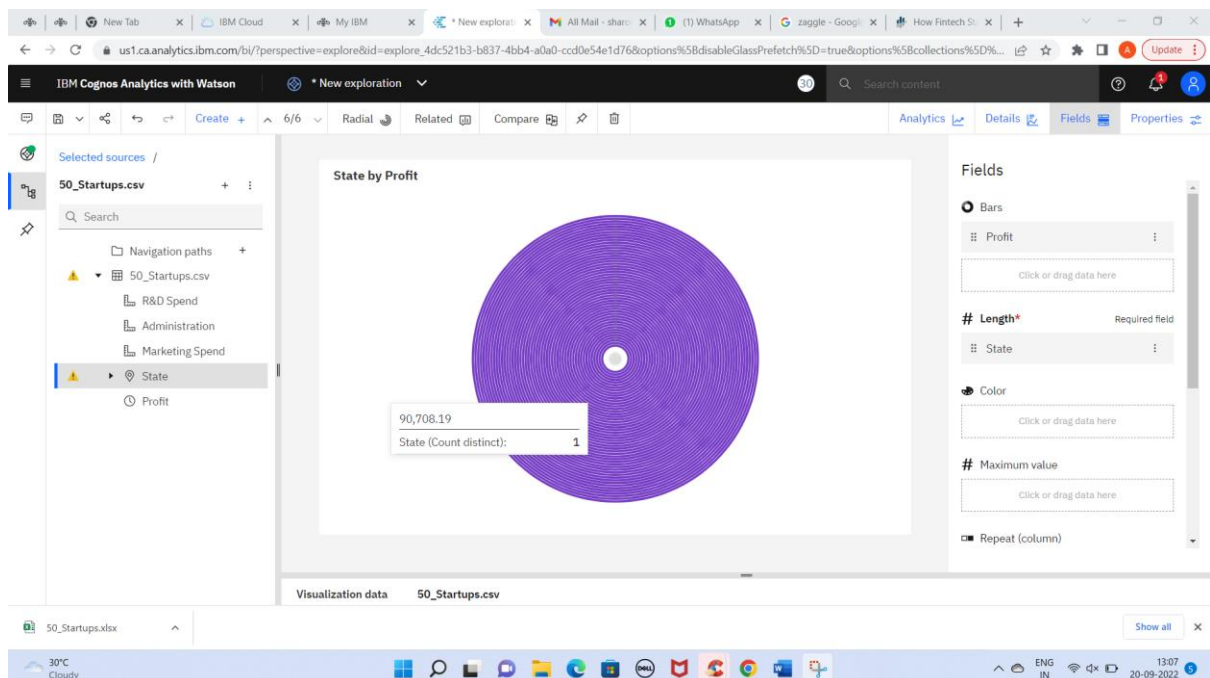
### Profit by state



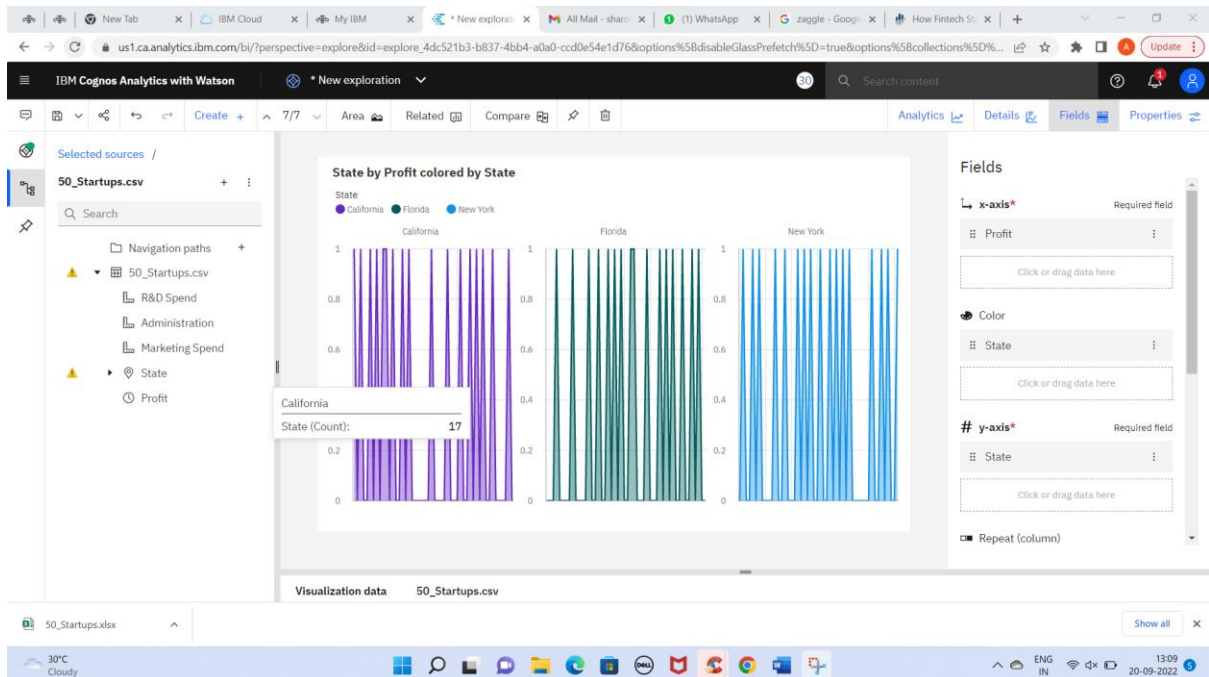
### 3. Crosstab



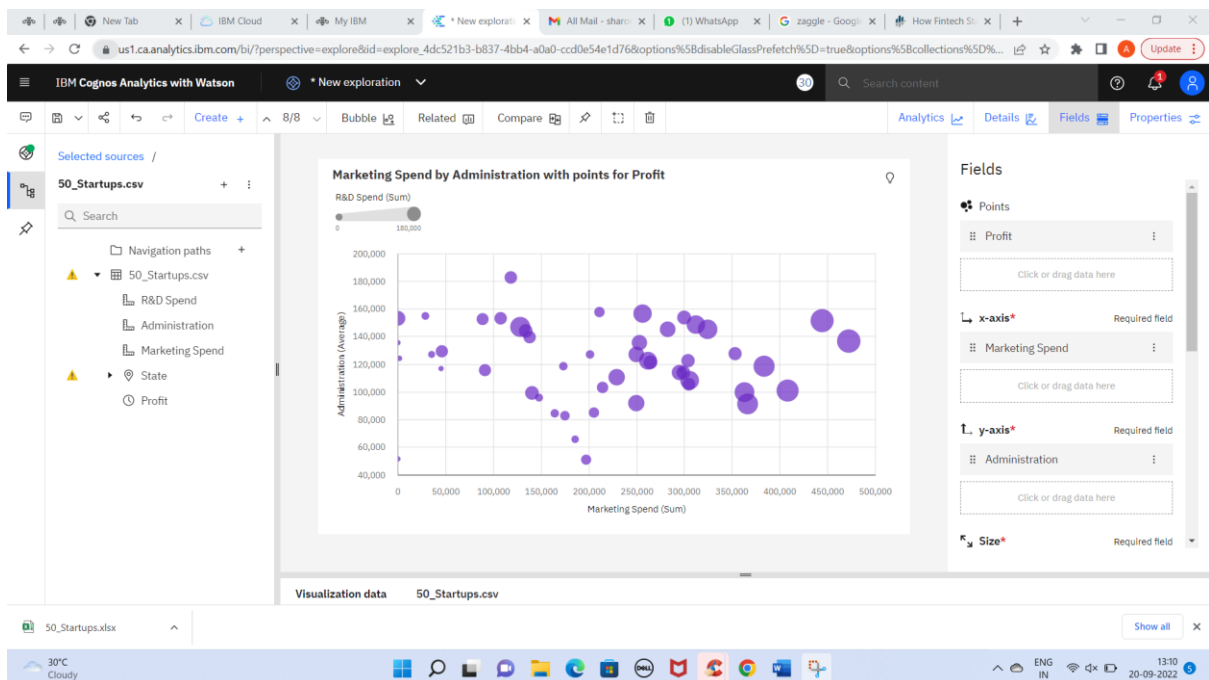
### 4. Radial



## 5. Area



## 6. Bubble



## 7. Line graph

