

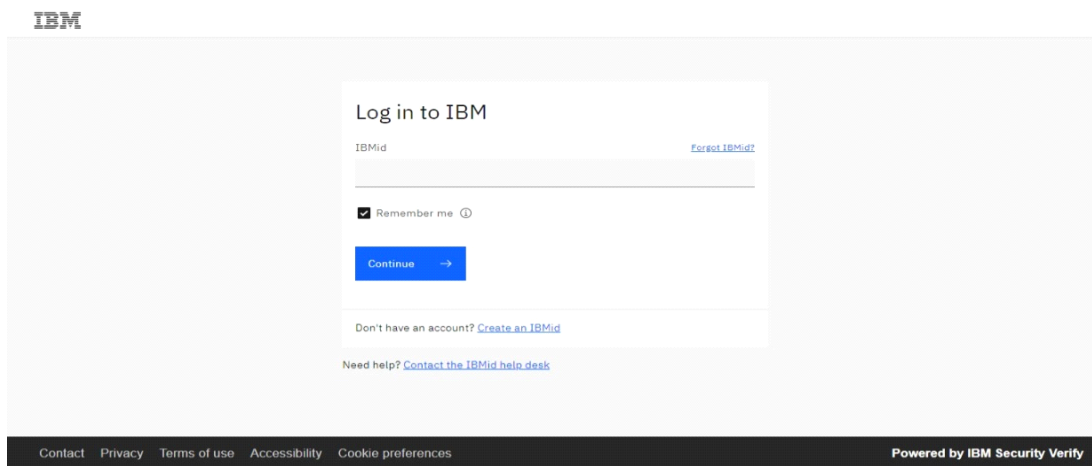
Domain: DATA ANALYTICS [ASSIGNMENT 2]

NAME: PAUL PANDIYAN K

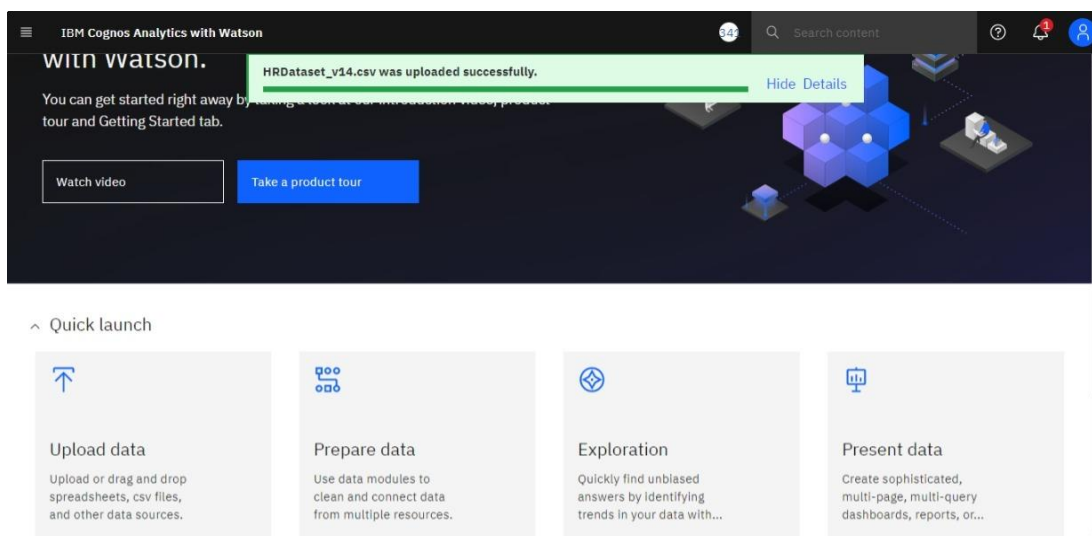
REG NO: 731120104034 [20CSE34]

COLLEGE: Government College of Engineering-Erode [638316]

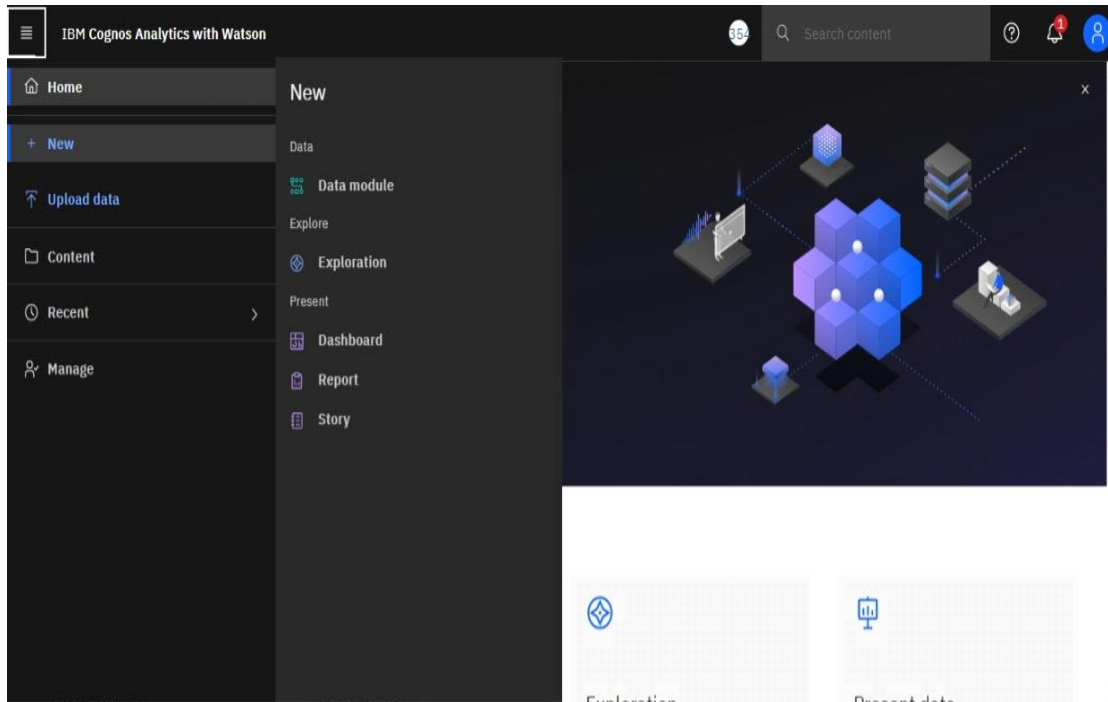
STEP:1 After downloaded the HRDataset_v14(Dataset),then login to IBM cognos account.



STEP:2 Then upload the dataset which was downloaded.



STEP:3 Then In menu select New->Data module->My content



STEP:4 : Select source and add it ,open data module and select GRID.

The screenshot shows the IBM Cognos Analytics with Watson interface. The 'Data module' is selected, and the 'Grid' view is active. The table displays employee data with columns: Row Id, Employee_Name, EmpID, MarriedID, and MaritalStatusID.

Row Id	Employee_Name	EmpID	MarriedID	MaritalStatusID
1	Adinolfi, Wilson K	10026	0	0
2	Ait Sidi, Karthikeyan	10084	1	1
3	Akinkuolle, Sarah	10196	1	1
4	Alagbe, Trina	10088	1	1
5	Anderson, Carol	10069	0	2
6	Anderson, Linda	10002	0	0
7	Andreola, Colby	10194	0	0
8	Athwal, Sam	10062	0	4
9	Bachiochi, Linda	10114	0	0
10	Bacong, Alejandro	10250	0	2

STEP:5 Remove the unnecessary columns.

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists various fields: # FromDive...obFairID, Salary, Termd, # PositionID, Position, State, Zip, DOB, Sex, MaritalDesc, CitizenDesc, HispanicLatino, and RaceDesc. The main grid displays a table with columns: DeptID, PerfScoreID, FromDiversityJobFairID, and Termd. A context menu is open over the 'FromDiversityJobFairID' column, showing options: Filter..., Create calculation..., Create data group..., Create navigation path..., Hide from users, Remove, Format data..., Clean..., Sort descending, Sort ascending, and Properties. The 'Remove' option is highlighted.

DeptID	PerfScoreID	FromDiversityJobFairID	Termd
4	4	0	0
3	3	0	1
3	3	0	1
3	3	0	0
3	3	0	1
4	4	0	0
3	3	0	0
3	3	0	0
3	3	1	0
3	3	0	0

STEP:6 After removing then save the data module as “HR Dataset data module”

The screenshot shows the IBM Cognos Analytics interface after saving the data module as 'HR Dataset data module'. The 'Data module' pane on the left now only lists: # FromDive...obFairID, Salary, and Termd. The main grid displays a table with columns: DeptID, PerfScoreID, FromDiversityJobFairID, Salary, and Termd. The 'FromDiversityJobFairID' column is highlighted.

DeptID	PerfScoreID	FromDiversityJobFairID	Salary	Termd
4	4	0	62506	0
3	3	0	104437	1
3	3	0	64955	1
3	3	0	64991	0
3	3	0	50825	1
4	4	0	57568	0
3	3	0	95660	0
3	3	0	59365	0
3	3	1	47837	0
3	3	0	50178	0

STEP:7 After saving, In menu Select->New->Exploration.

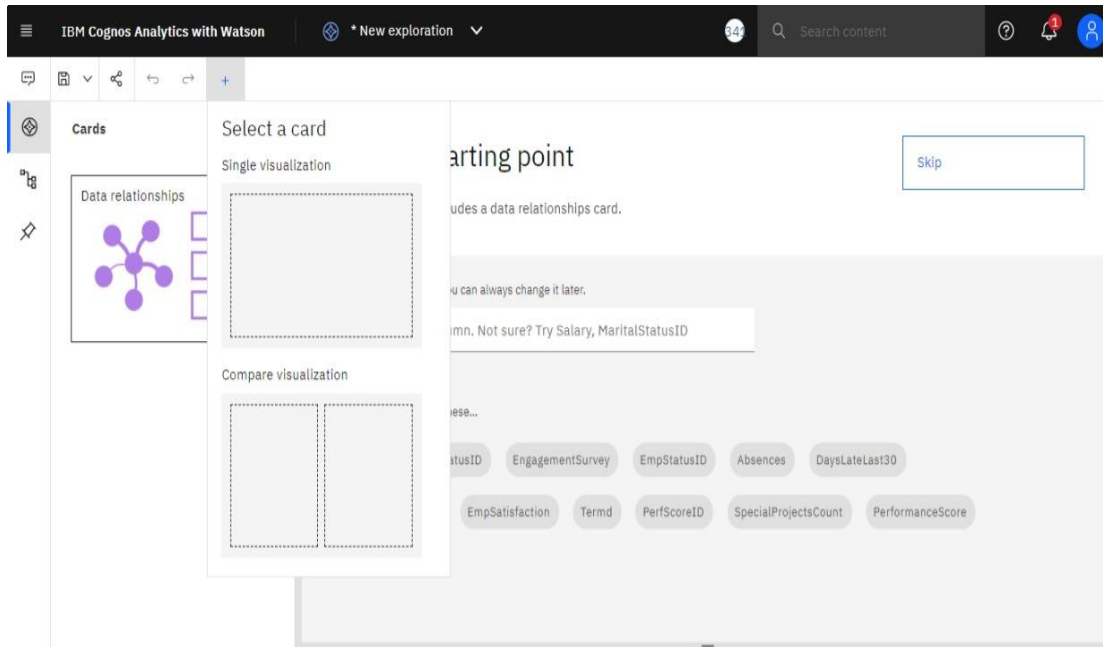
The screenshot shows the IBM Cognos Analytics interface. On the left, a sidebar contains navigation options: Home, New, Upload data, Content, Recent, and Manage. The 'New' menu is expanded, showing options: Data module, Explore, Exploration, Present, Dashboard, Report, and Story. The 'Exploration' option is selected. In the background, a table is visible with columns: PerfScoreID, FromDiversityJobFairID, Salary, and Termd. The table contains 10 rows of data.

PerfScoreID	FromDiversityJobFairID	Salary	Termd
4	0	62506	0
3	0	104437	1
3	0	64955	1
3	0	64991	0
3	0	50825	1
4	0	57568	0
3	0	95660	0
3	0	59365	0
3	1	47837	0
3	0	50178	0

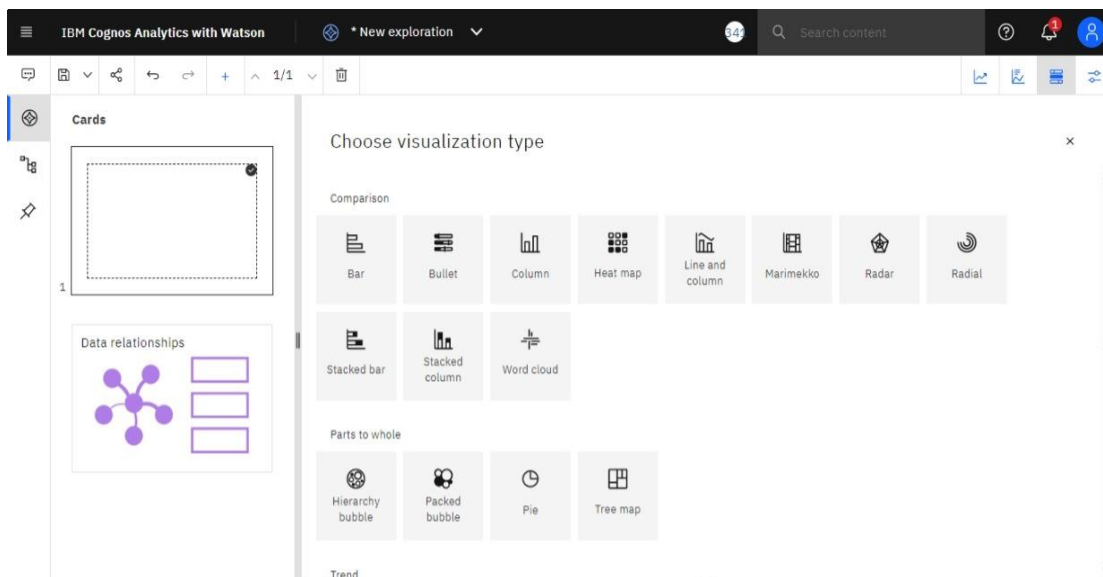
STEP:8 Then it will take time to starting page of exploration

The screenshot shows the 'Select a starting point' page in IBM Cognos Analytics. The page title is 'Select a starting point'. Below the title, it says 'Every exploration includes a data relationships card.' There is a 'Skip' button in the top right corner. A search bar is present with the placeholder text 'Enter data column. Not sure? Try Salary, MaritalStatusID'. Below the search bar, it says 'Try starting with one of these...'. There are two rows of buttons representing different data columns: Salary, MaritalStatusID, EngagementSurvey, EmpStatusID, Absences, DaysLateLast30, EmploymentStatus, EmpSatisfaction, Termd, PerfScoreID, SpecialProjectsCount, and PerformanceScore.

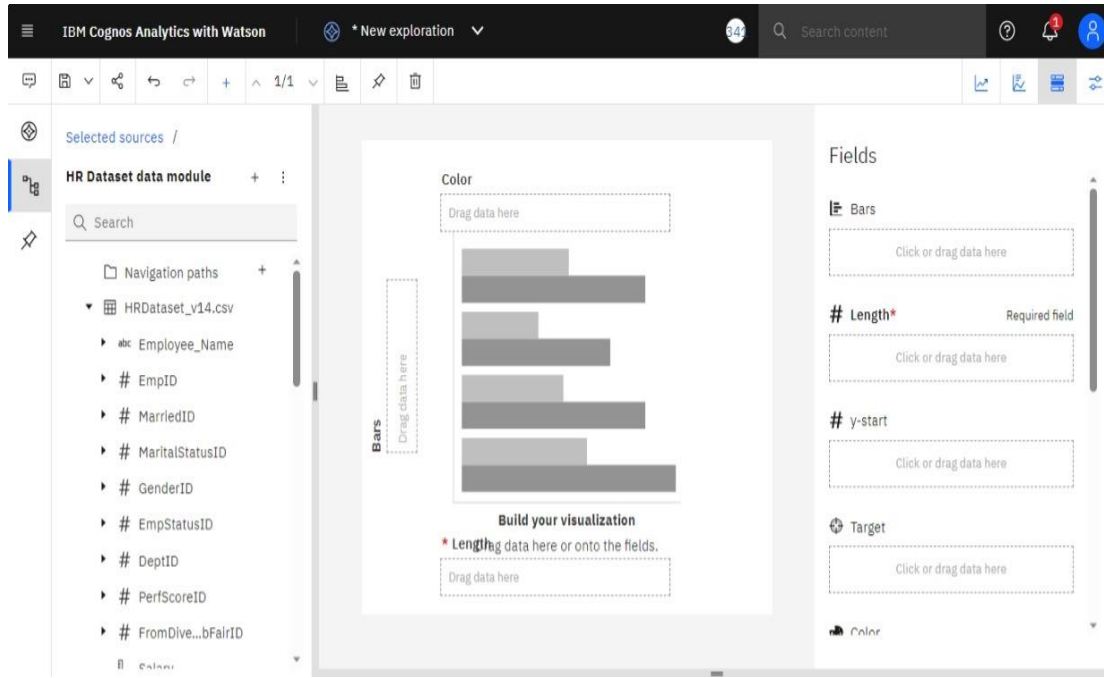
STEP:9 Select any visualization as your wish.



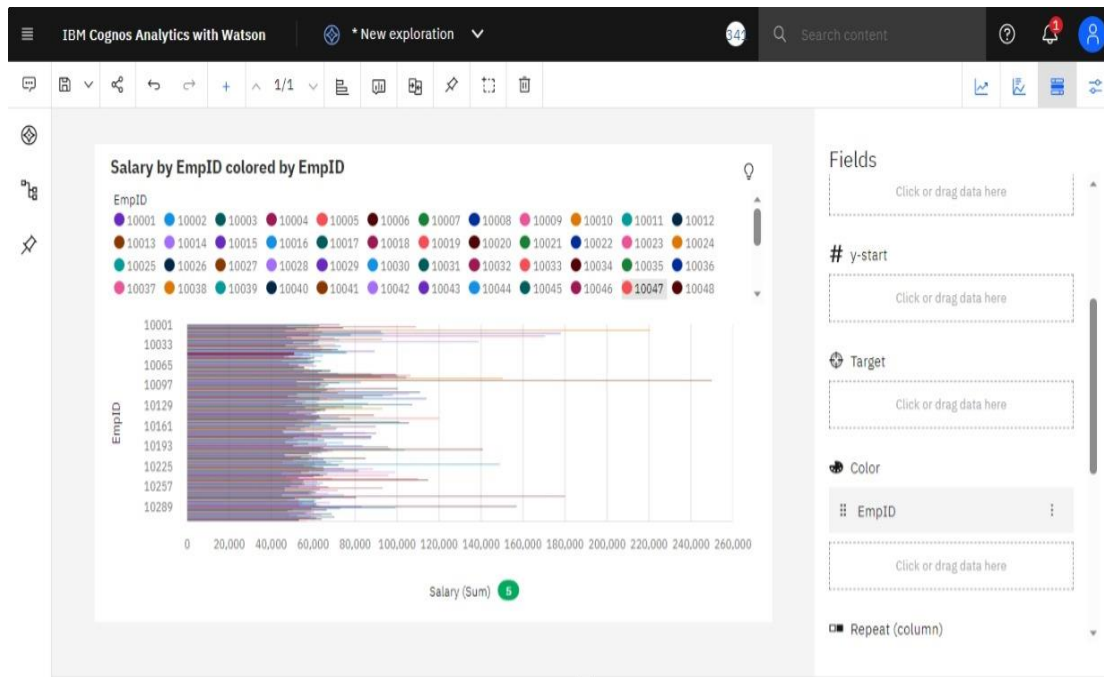
STEP:10 Then we have to choose visualization type by clicking choose type button.

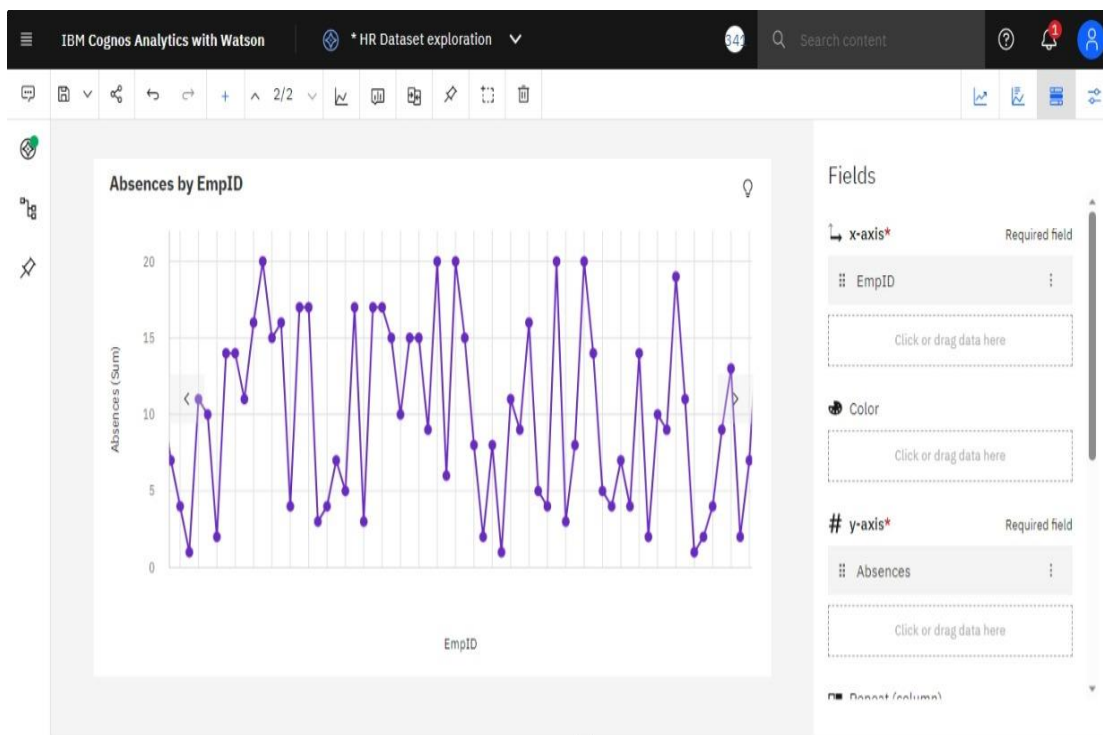
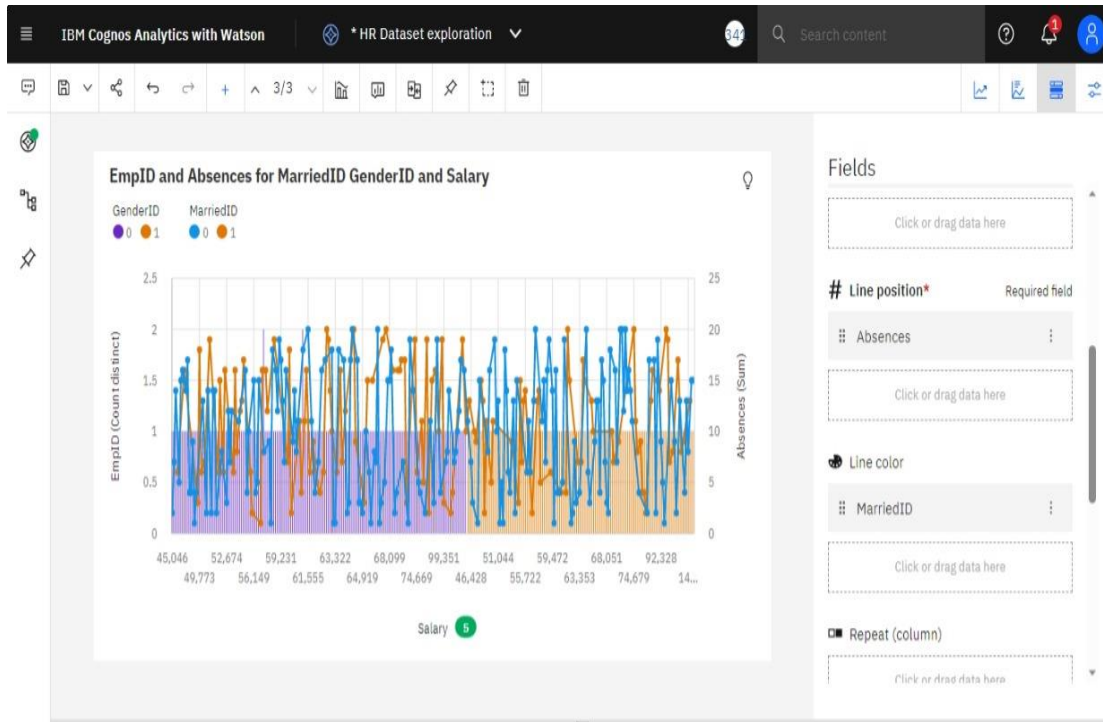


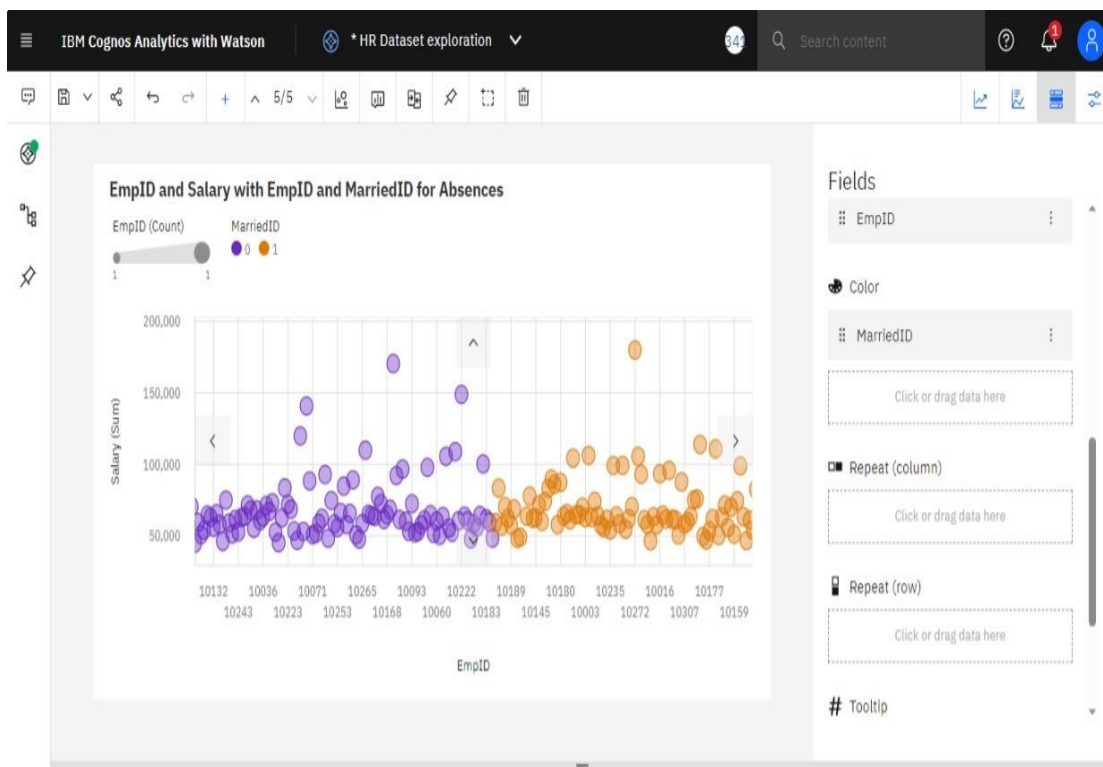
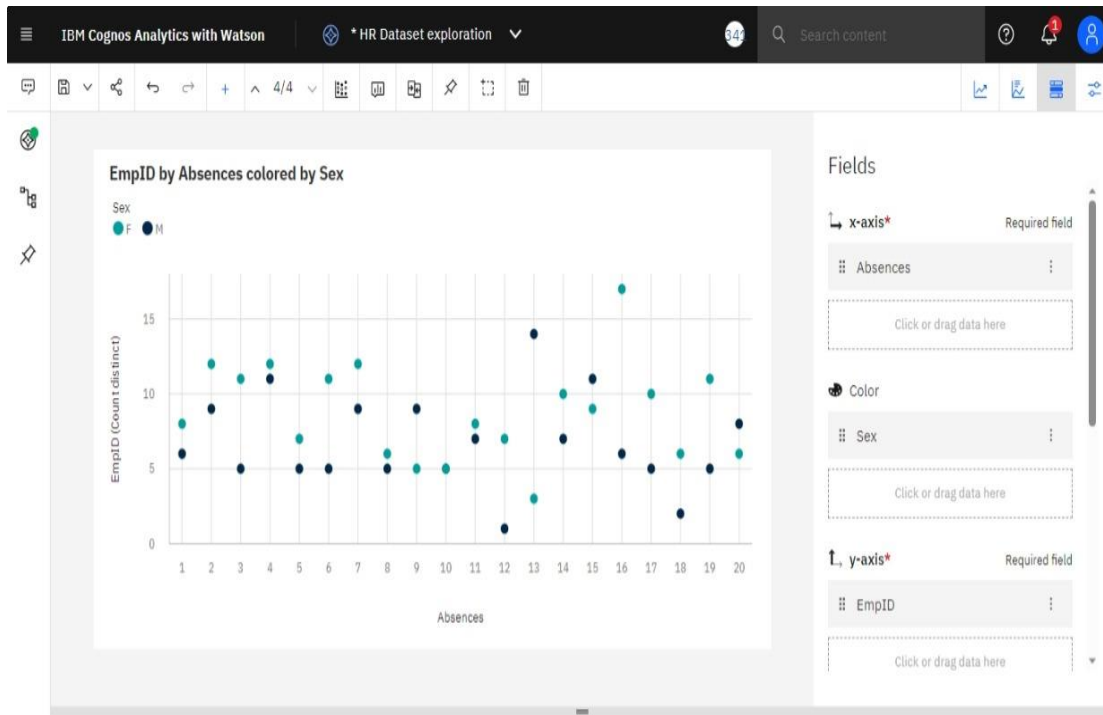
STEP:11 After selecting visualization type, you can create visualization by drag and drop.

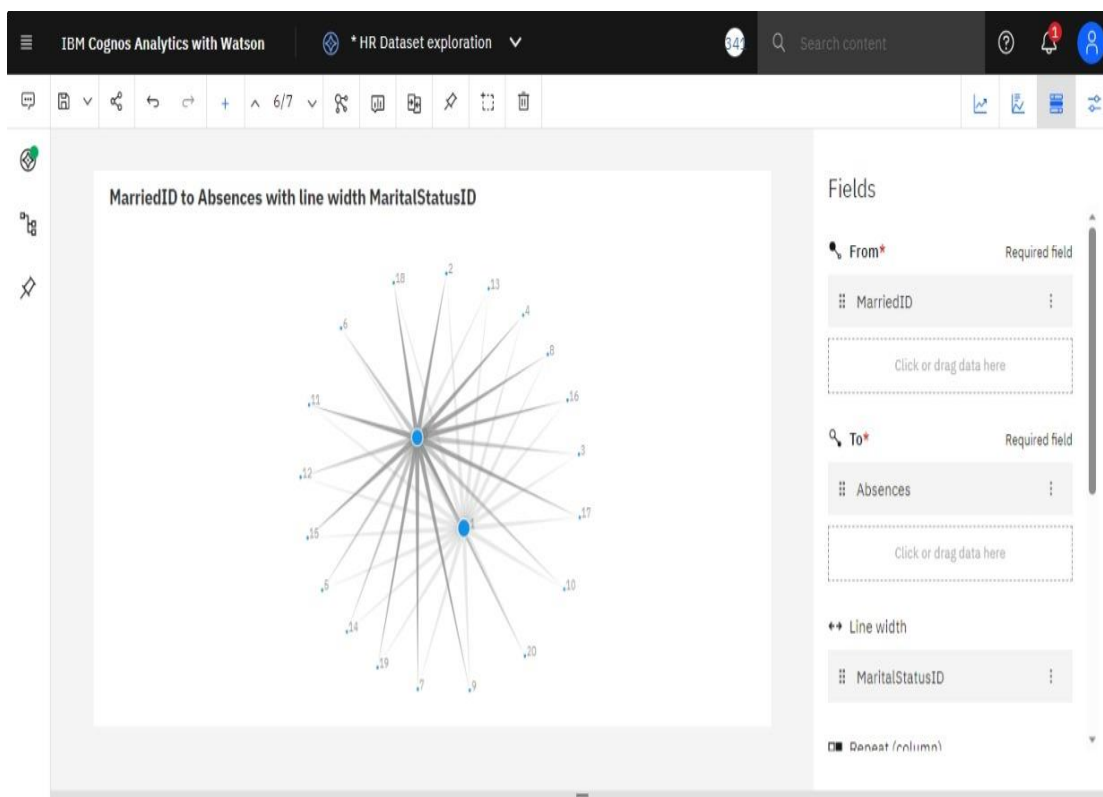
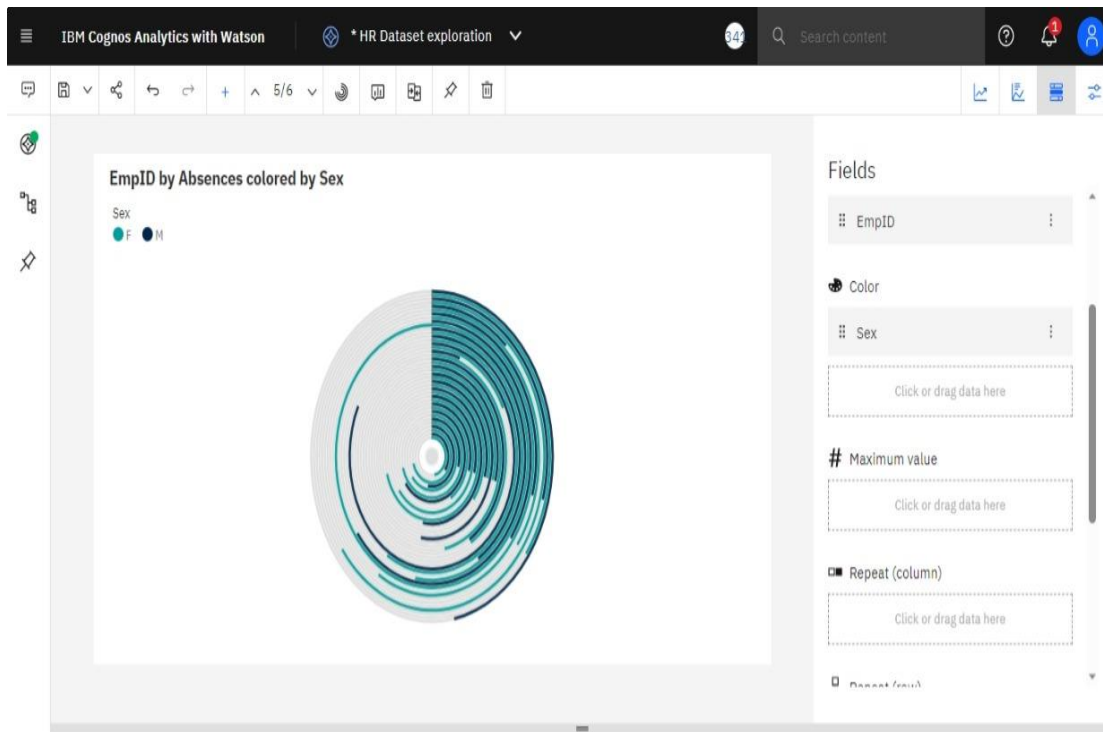


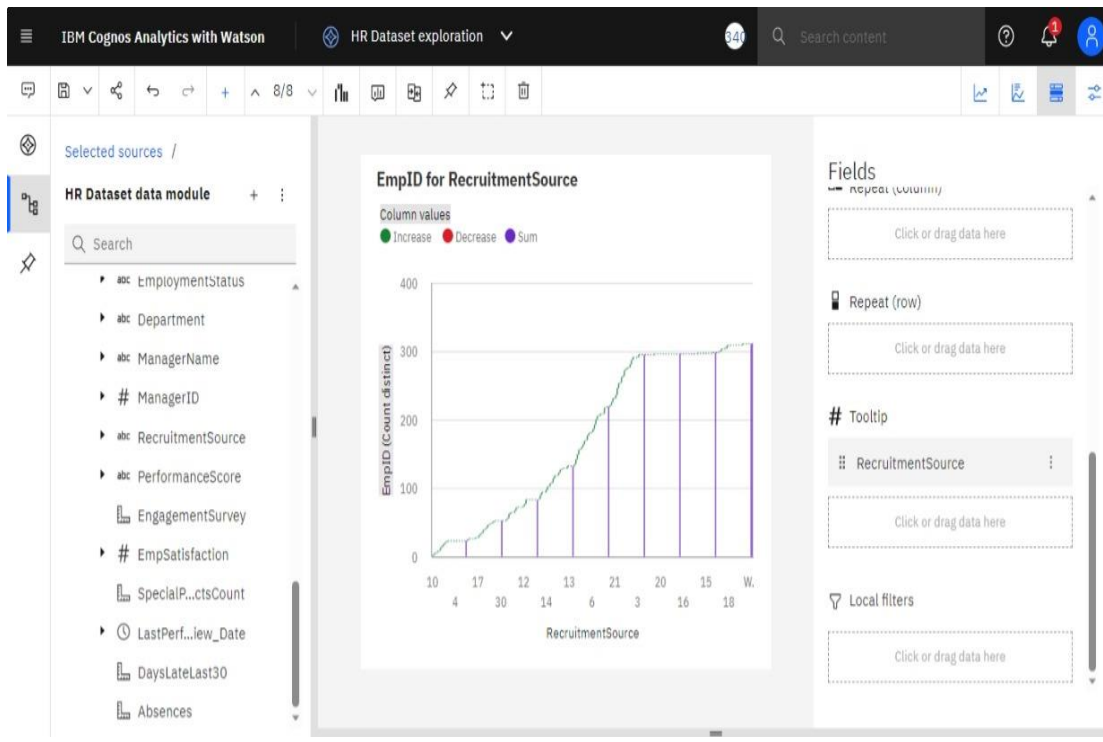
STEP:12 Then you need to create atleast 5 different visualization.





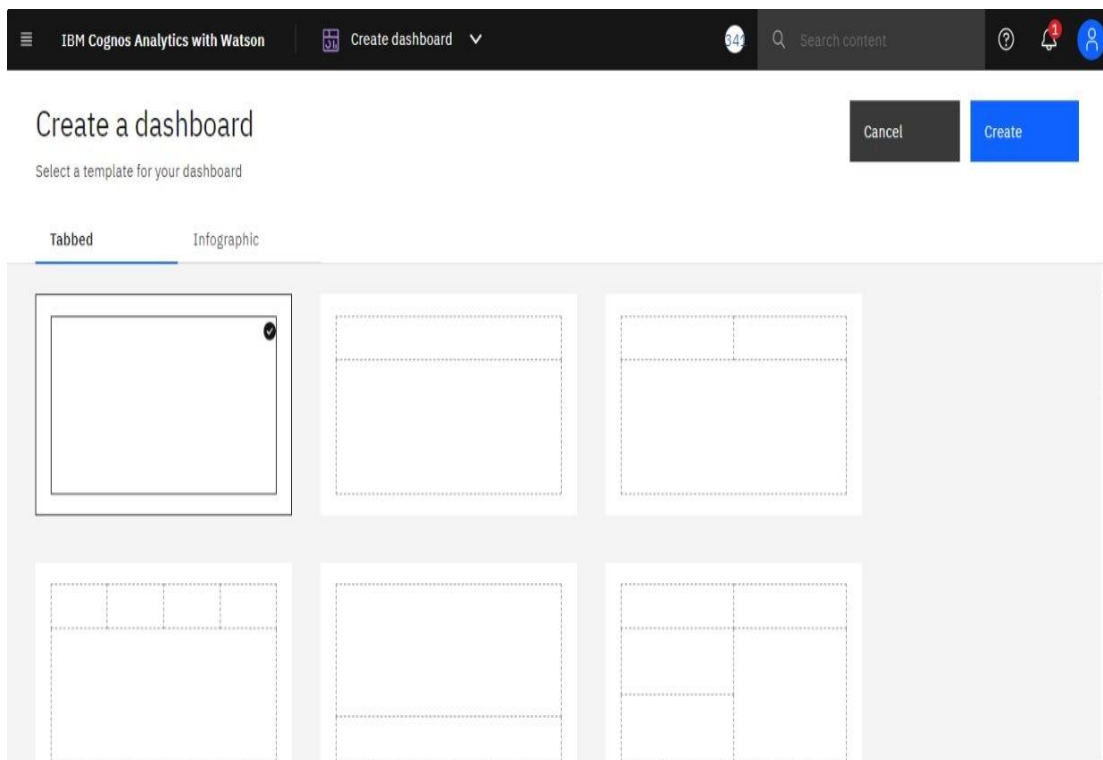






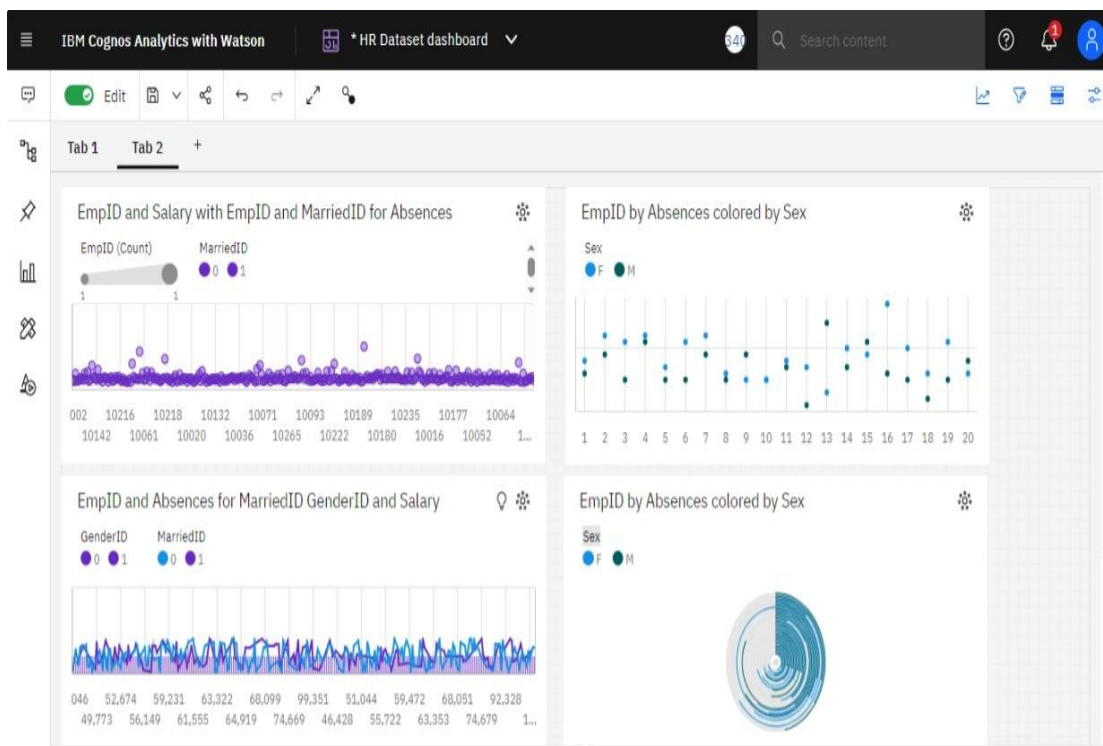
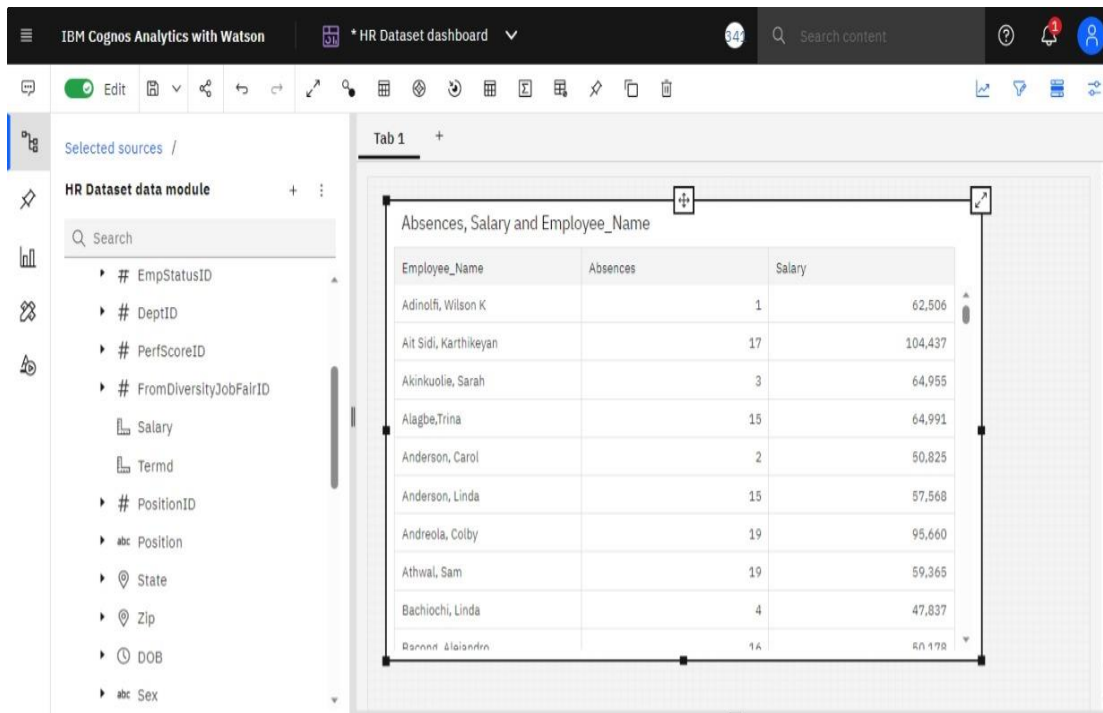
STEP:13

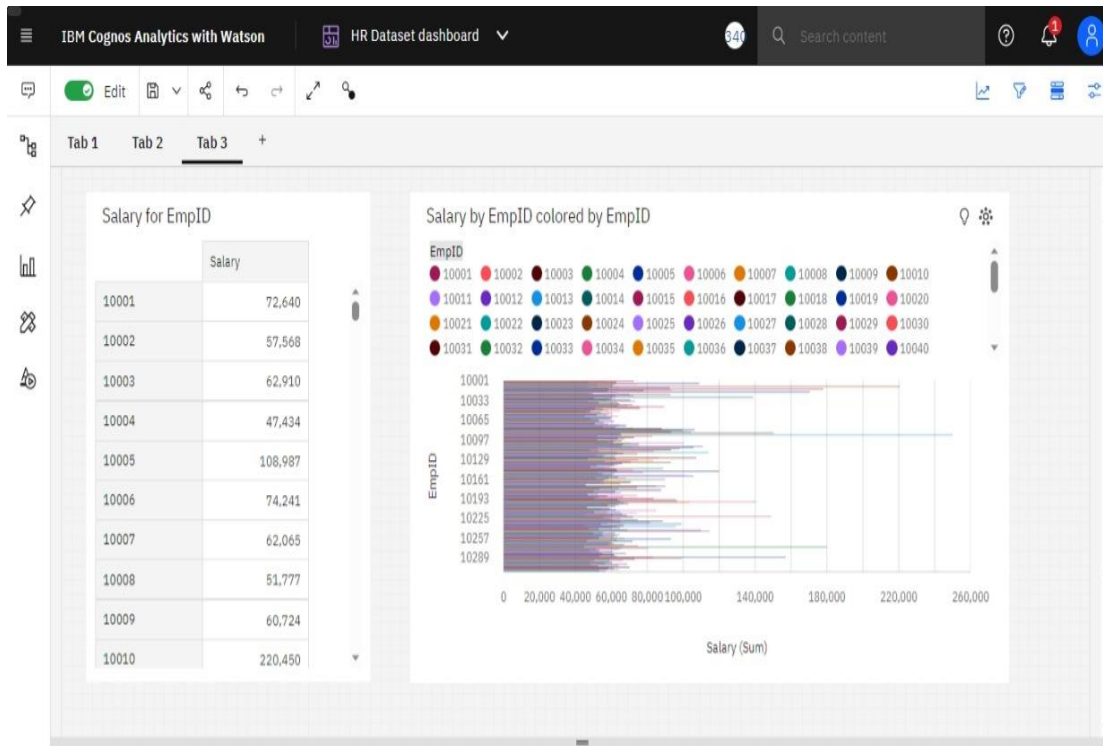
After creating visualization and save it ,then create a dashboard.



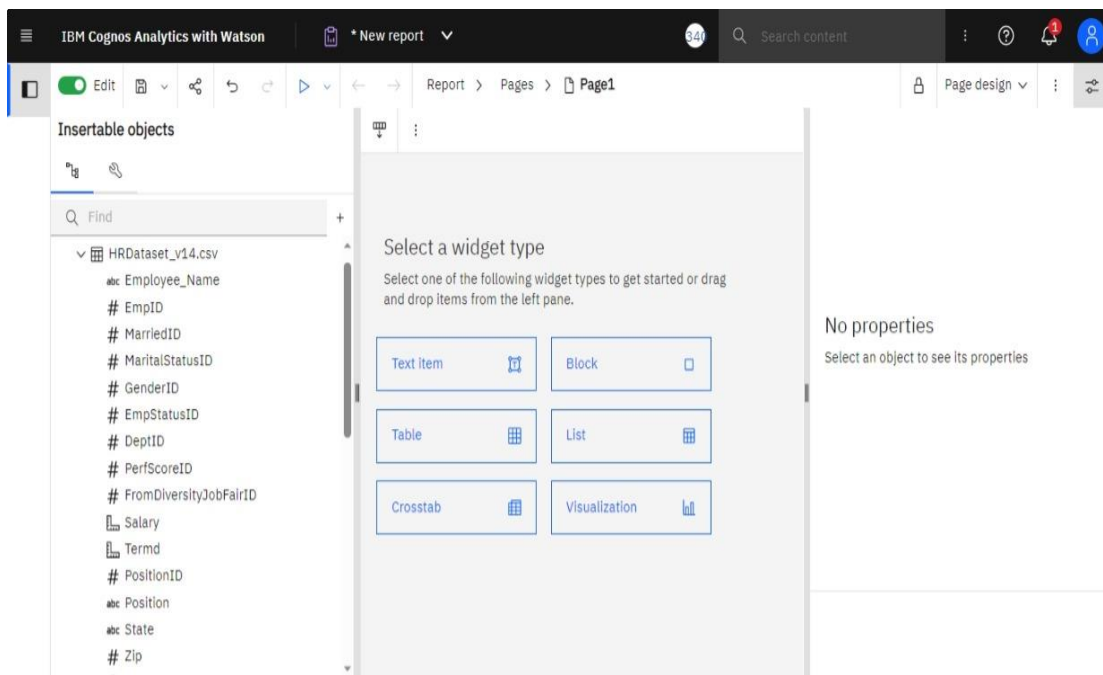
STEP:14

Then create 2 or 3 Dashboard.



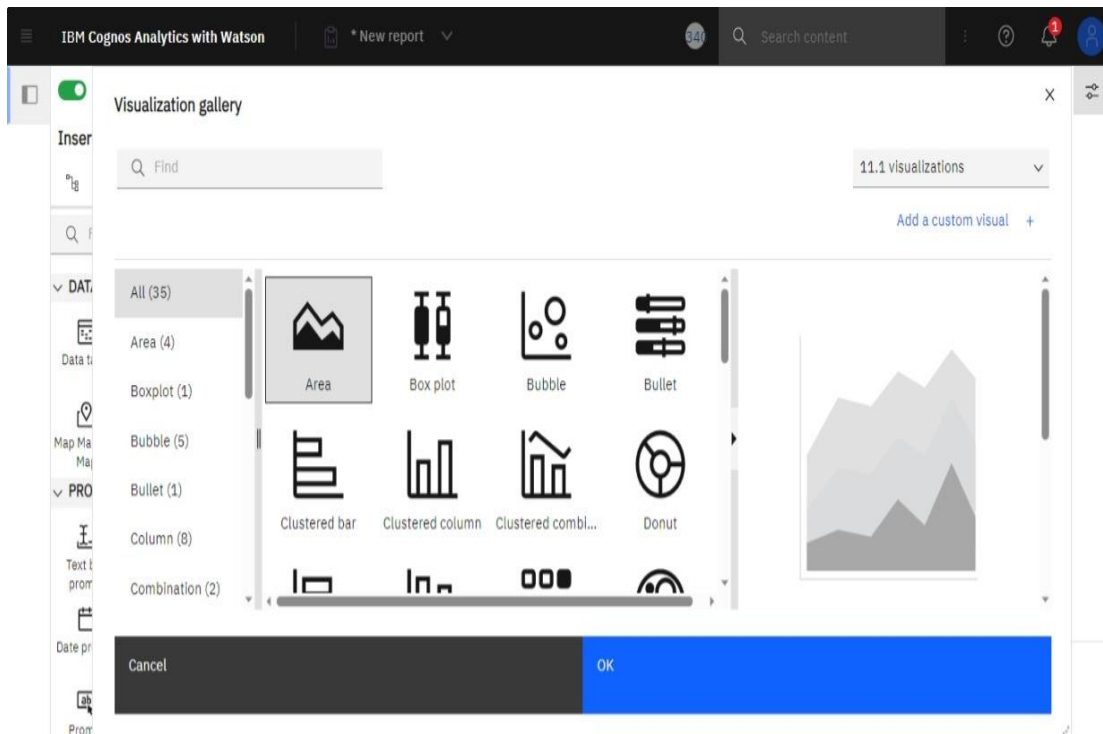
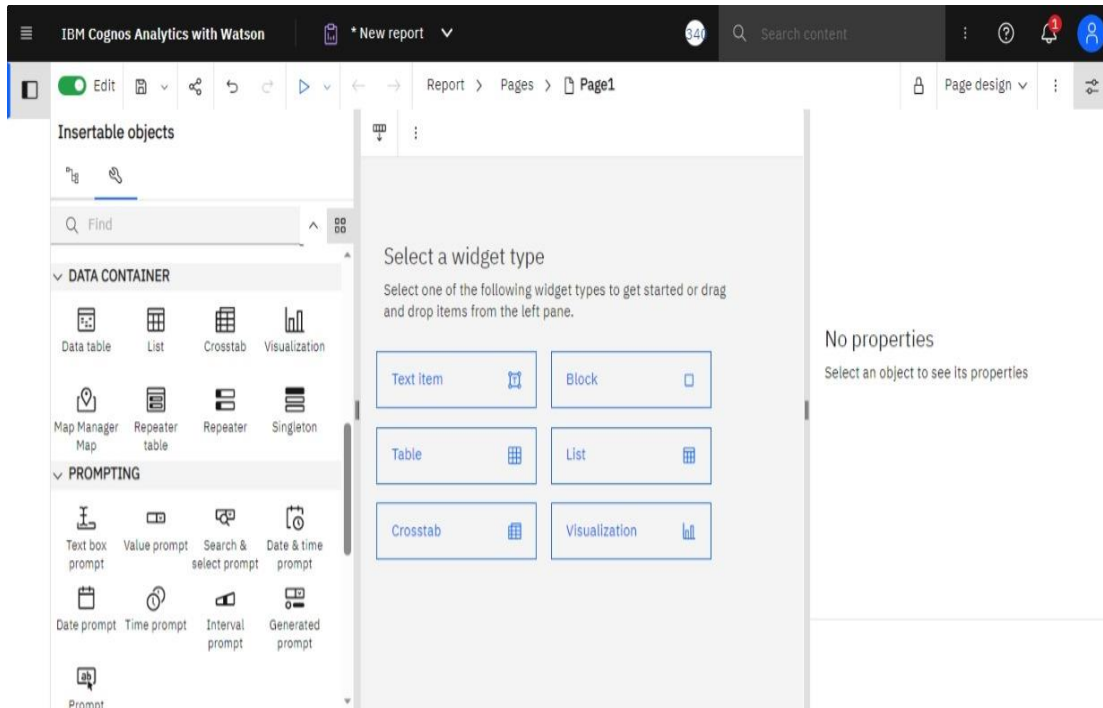


STEP:15 After creating dashboards then save it,Then create Report New->Report and select source->My content-> then click OK.



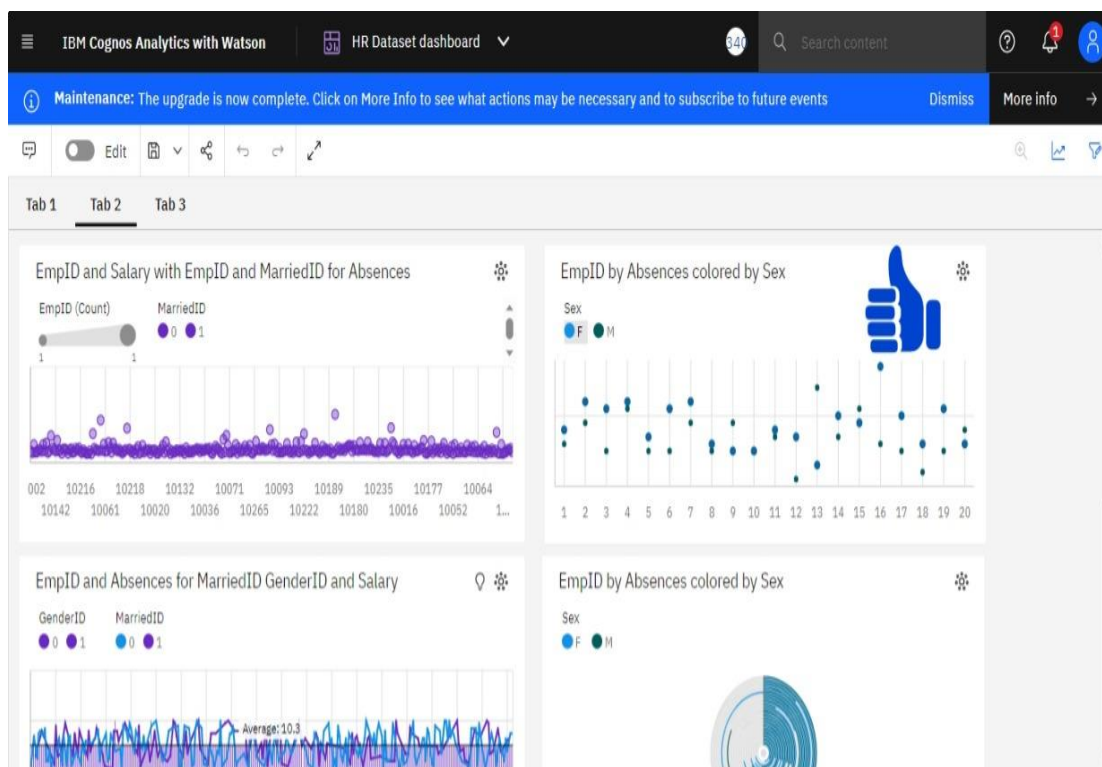
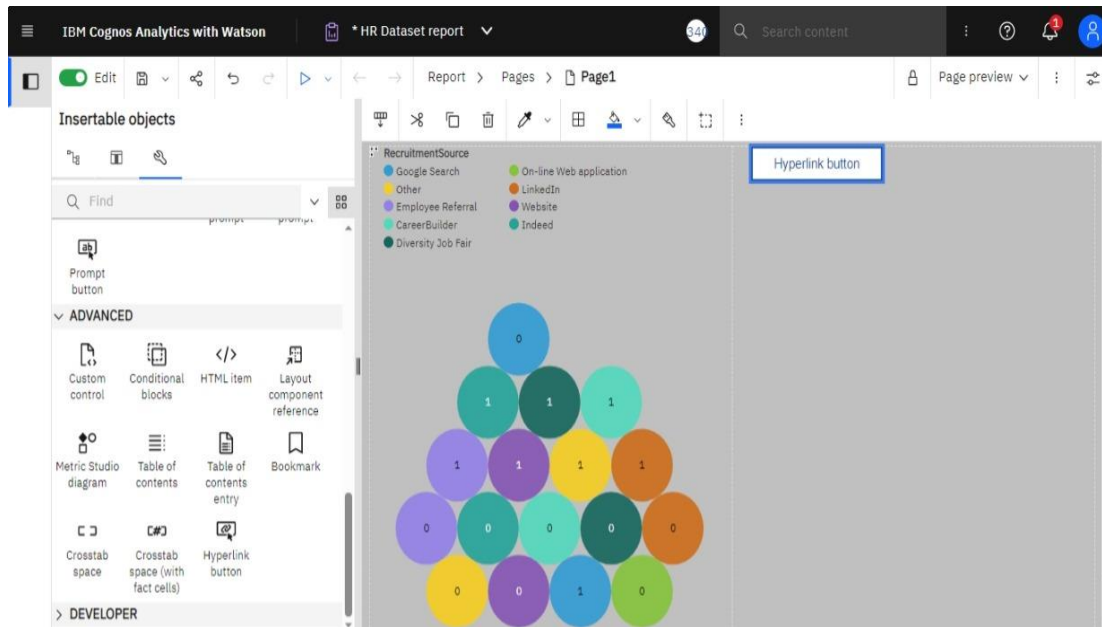
STEP:16

Then Click Tools on left side now you can select the visualization

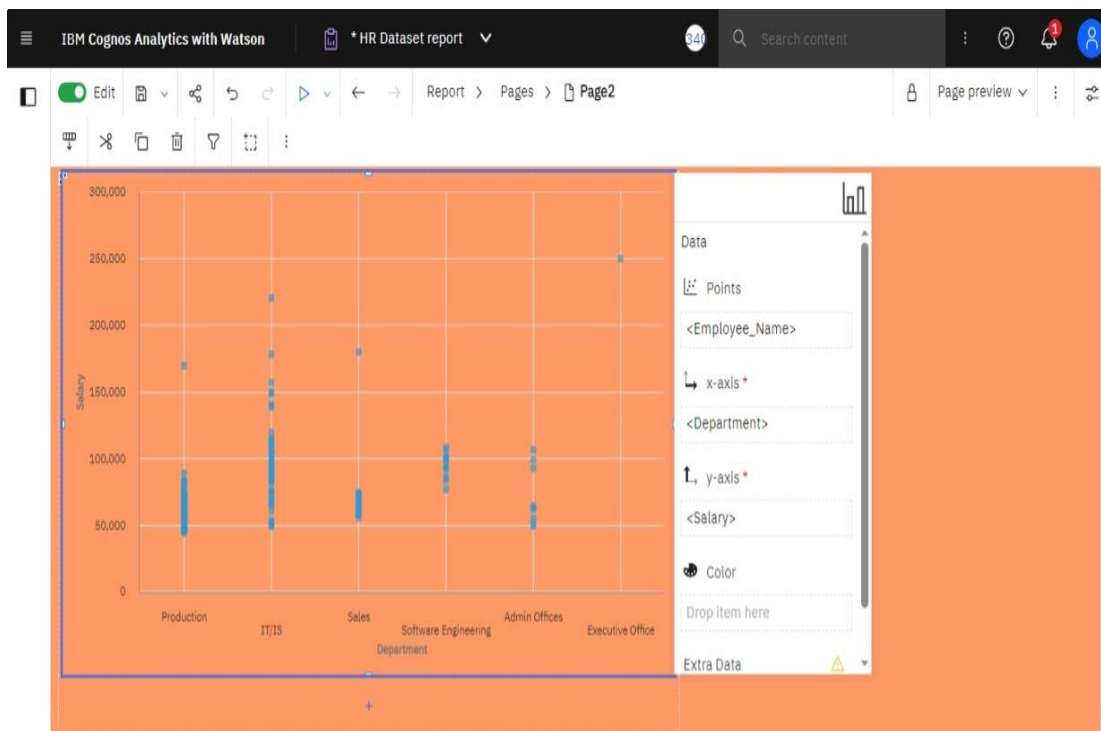
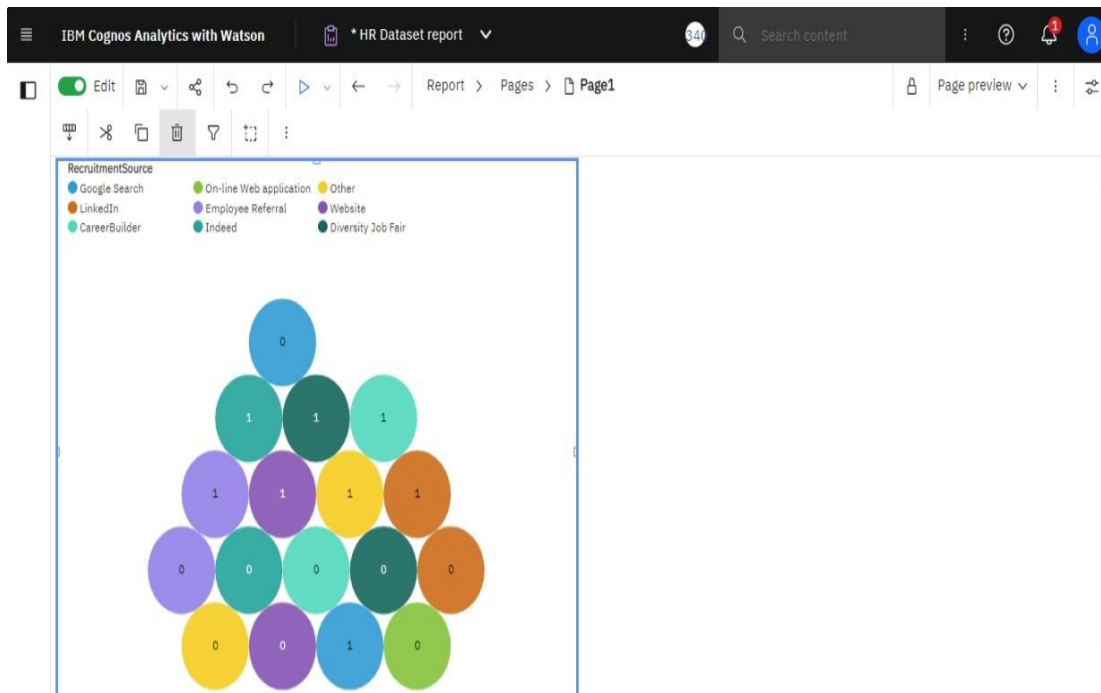


STEP:17

Now you can share the link via Hyperlink button it will go to the respective url, I given to dashboard.

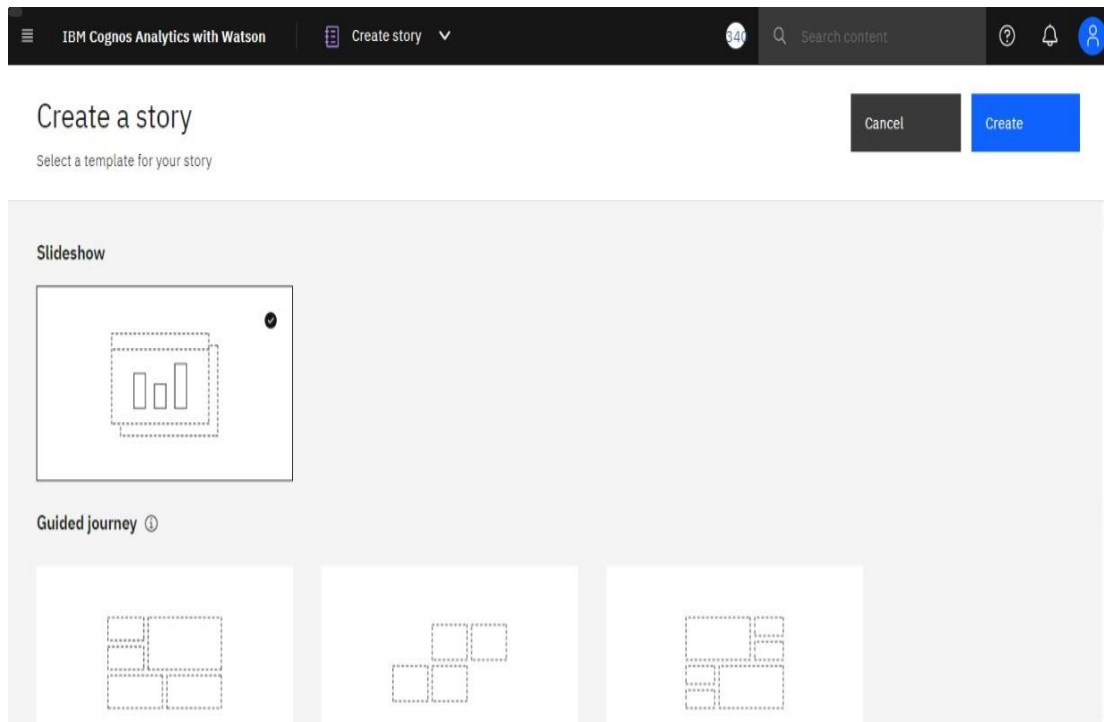


STEP:18 Now you can create Pages like below-



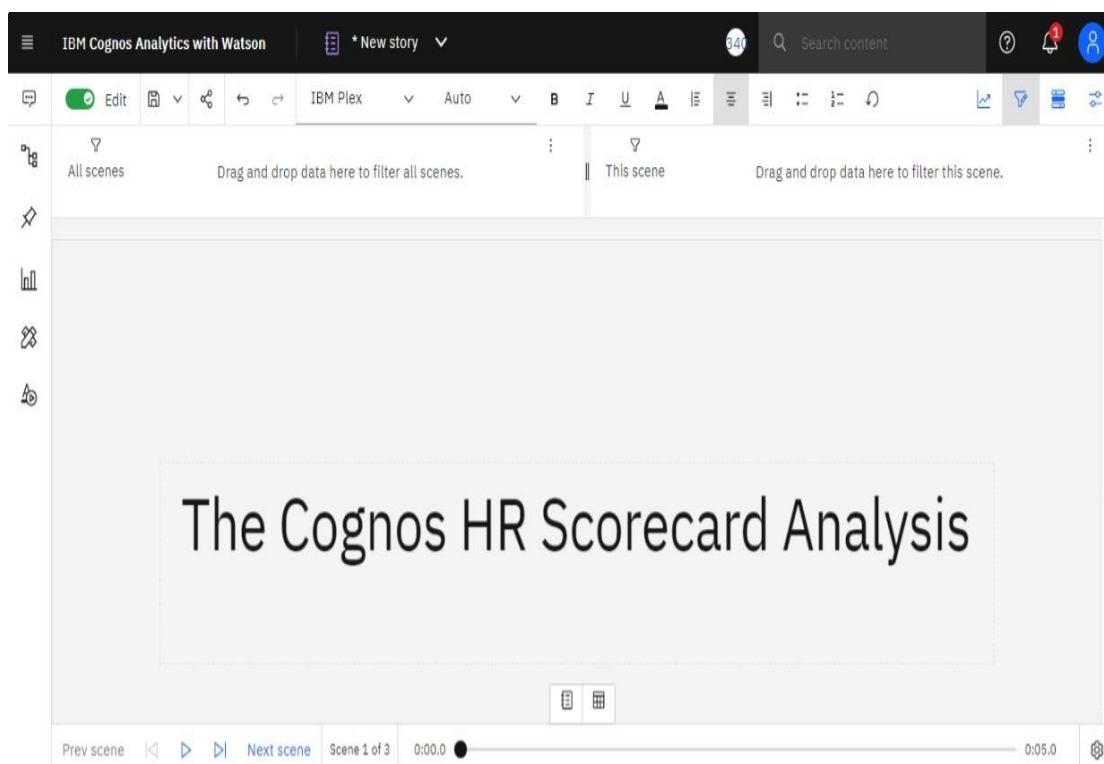
STEP:19

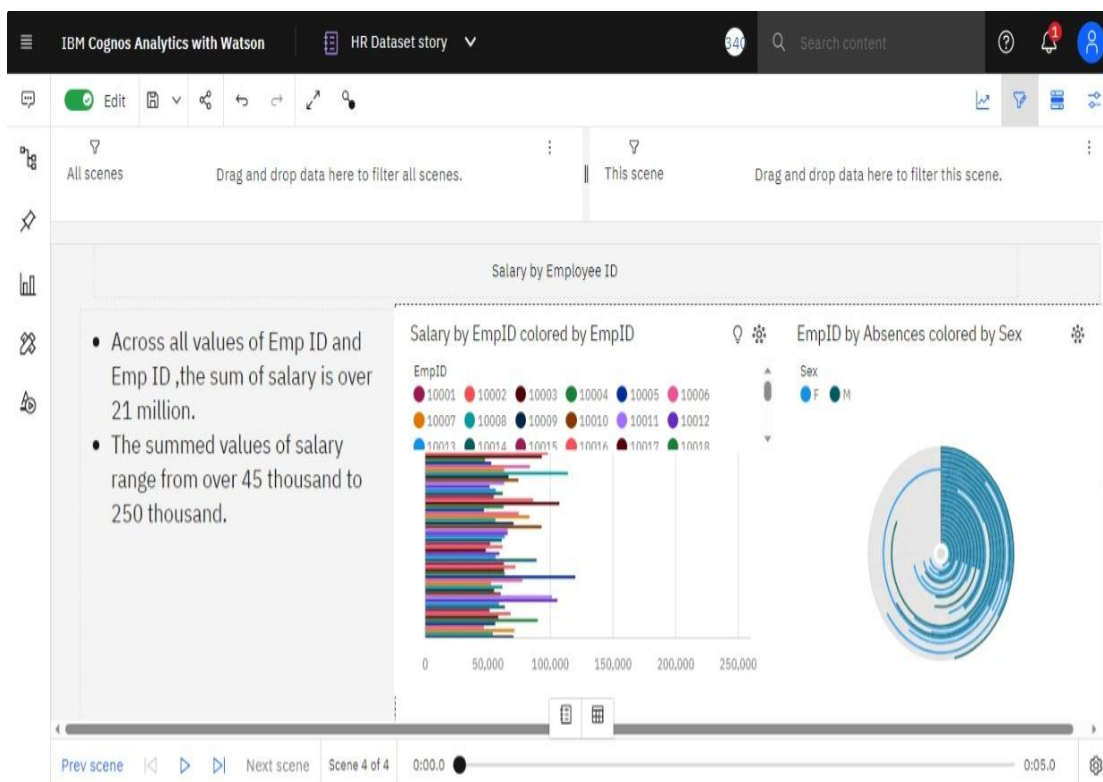
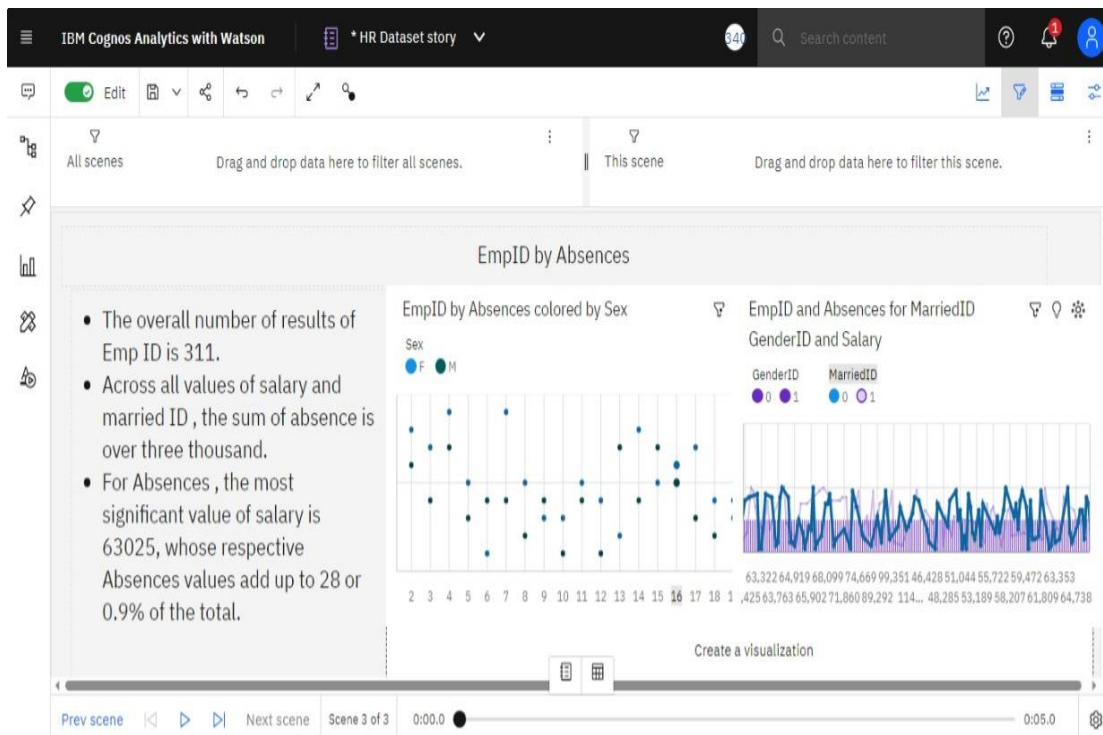
Then create 1 or 2 story.



STEP:20

After creating two or three visualization then you can do slide show.





IBM Cognos Analytics with Watson

* New story

340

Search content

?

1

Edit

All scenes

Drag and drop data here to filter all scenes.

This scene

Drag and drop data here to filter this scene.

Employee with salary, Married ID for Absences

EmpID and Salary with EmpID and MarriedID for Absences

EmpID (Count)

MarriedID

1

0

1

10142 10216 10061 10218 10020 10132 10036 10071 10265 10093 10222 10189 10180 10235 10016 10177 10052 10064

10085 10208 10086 10292 10079 10072 10243 10223 10253 10168 10060 10183 10145 10003 10272 10307 10159 10091 10057

Prev scene

Next scene

Scene 2 of 2

0:00.0

0:05.0

- Here is the employee ID and their Salary with comparison of Married ID for Absense.
- Across all values of Emp ID and Married ID, the sum of Salary is over 21 million

EmpID and Salary with EmpID and MarriedID for Absences

EmpID (Count) MarriedID

10142 10216 10061 10218 10020 10132 10036 10071 10265 10093 10222 10189 10180 10235 10016 10177 10052 10064
10085 10208 10086 10292 10079 10072 10243 10223 10253 10168 10060 10183 10145 10003 10272 10307 10159 10091 10057