

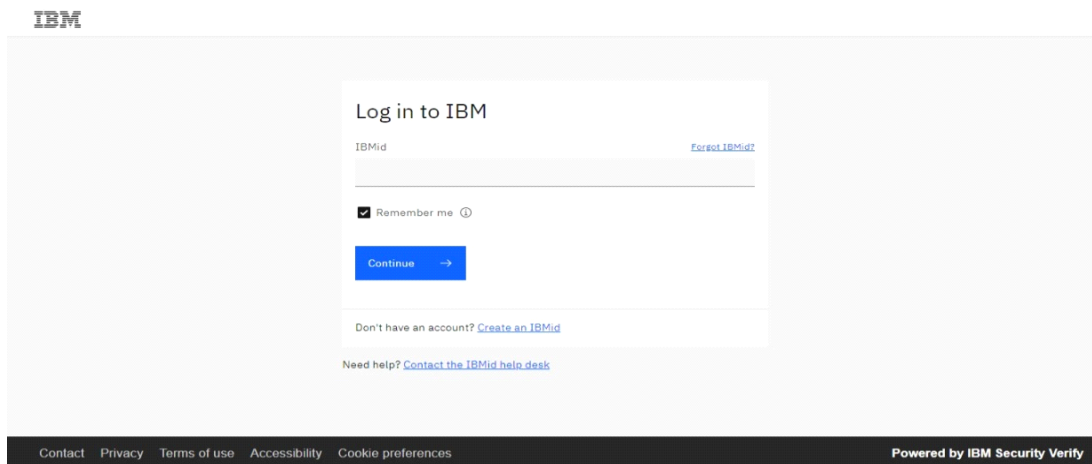
## Domain: DATA ANALYTICS [ASSIGNMENT 2]

**NAME:** DHANAPAL M

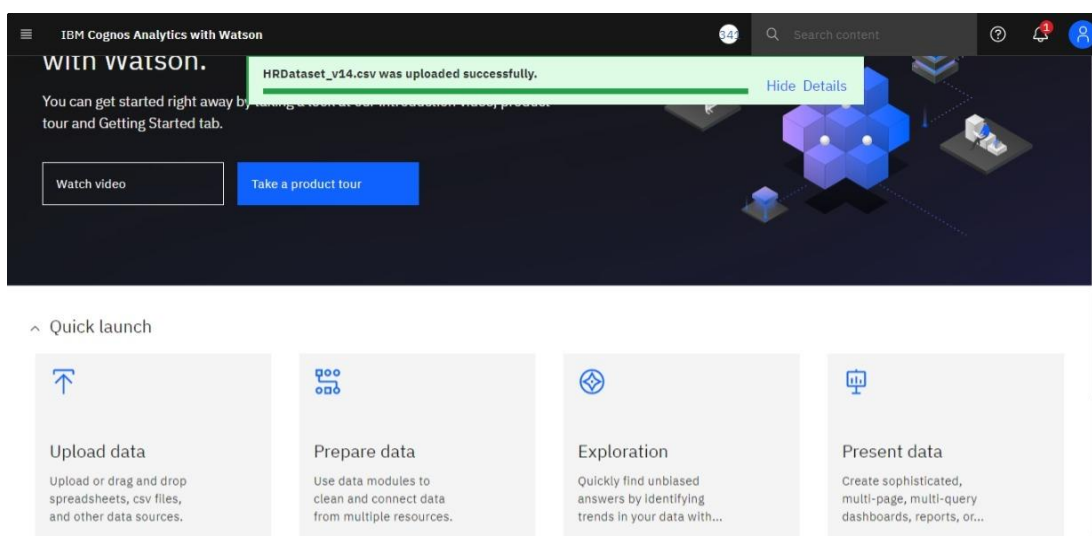
**REG NO:** 731120104008 [20CSE08]

**COLLEGE:** Government College of Engineering-Erode [638316]

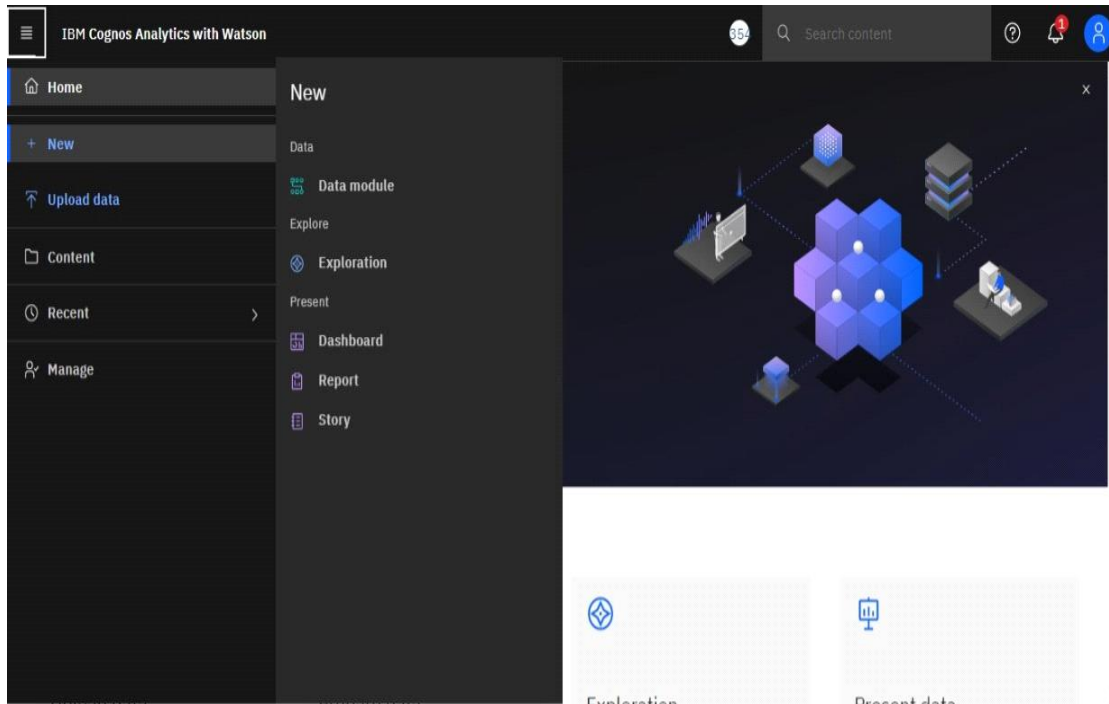
**STEP:1** After downloaded the HRDataset\_v14(Dataset),then login to IBM cognos account.



**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 10 rows of 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	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 removing the 'FromDiversityJobFairID' column. The main grid now displays a table with columns: DeptID, PerfScoreID, Salary, and Termd. The 'Data module' pane on the left remains the same. The table data is as follows:

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

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

The screenshot shows the IBM Cognos Analytics with Watson interface. The 'New' menu is open, displaying options: Data, Data module, Explore, Exploration, Present, Dashboard, Report, and Story. The 'Exploration' option is highlighted. 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 for a new exploration in IBM Cognos Analytics with Watson. The page includes a 'Cards' sidebar with a 'Data relationships' card. The main content area has a 'Skip' button and a search bar for data columns. Below the search bar, there are buttons for various data columns to start with.

Select a starting point

Every exploration includes a data relationships card.

Start with any column. You can always change it later.

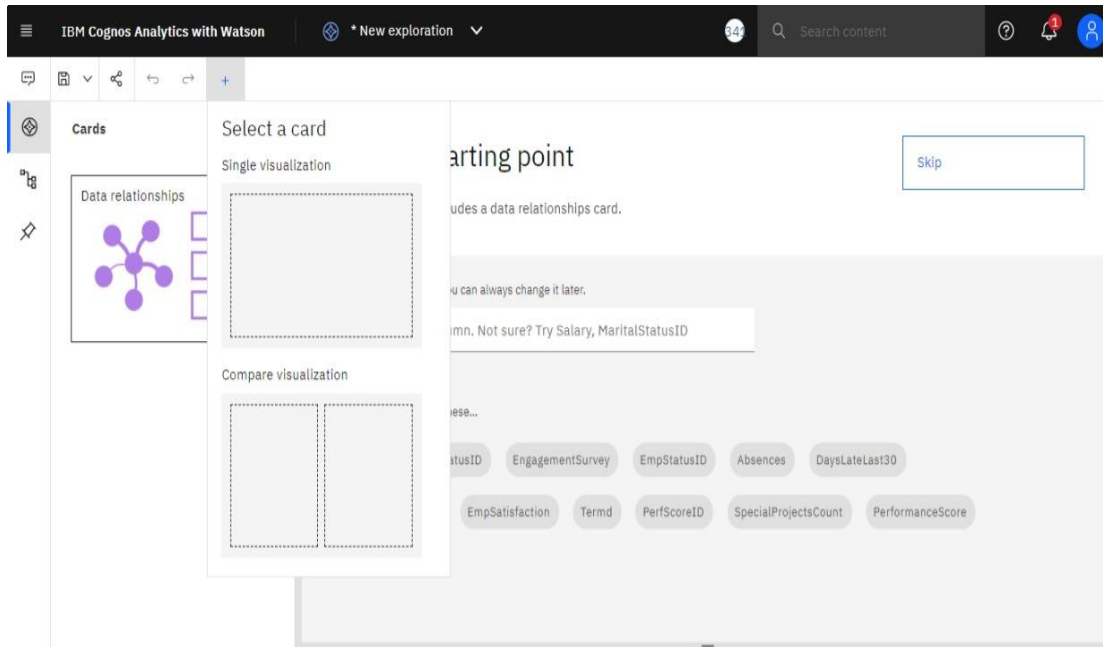
Q Enter data column. Not sure? Try Salary, MaritalStatusID

Try starting with one of these...

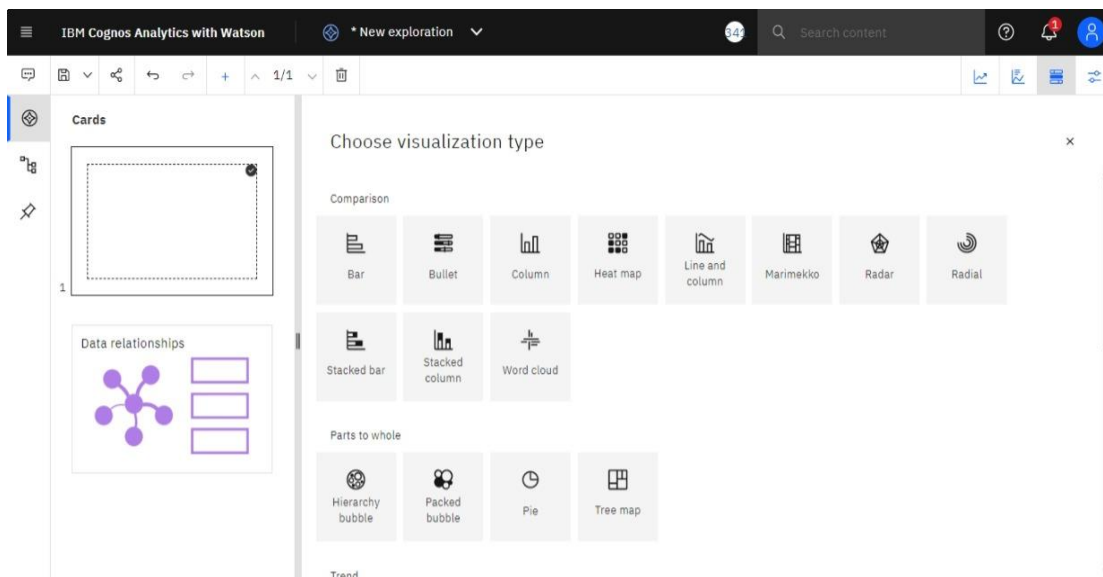
Salary MaritalStatusID EngagementSurvey EmpStatusID Absences DaysLateLast30

EmploymentStatus EmpSatisfaction Termd PerfScoreID SpecialProjectsCount PerformanceScore

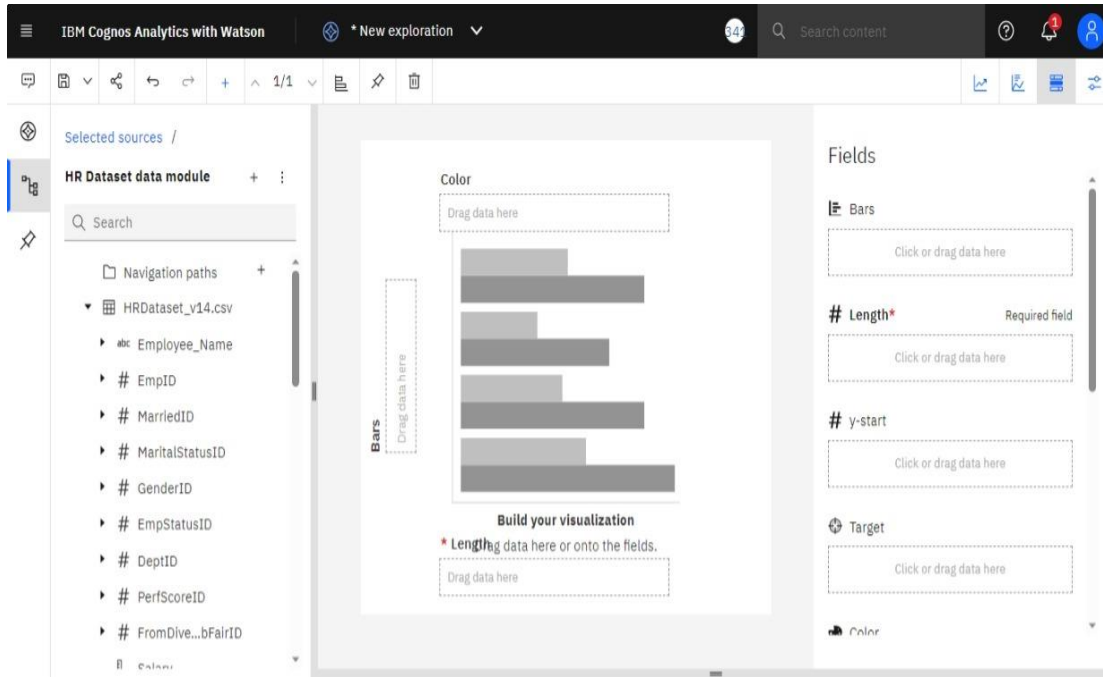
**STEP:9** Select any visualization as your wish.



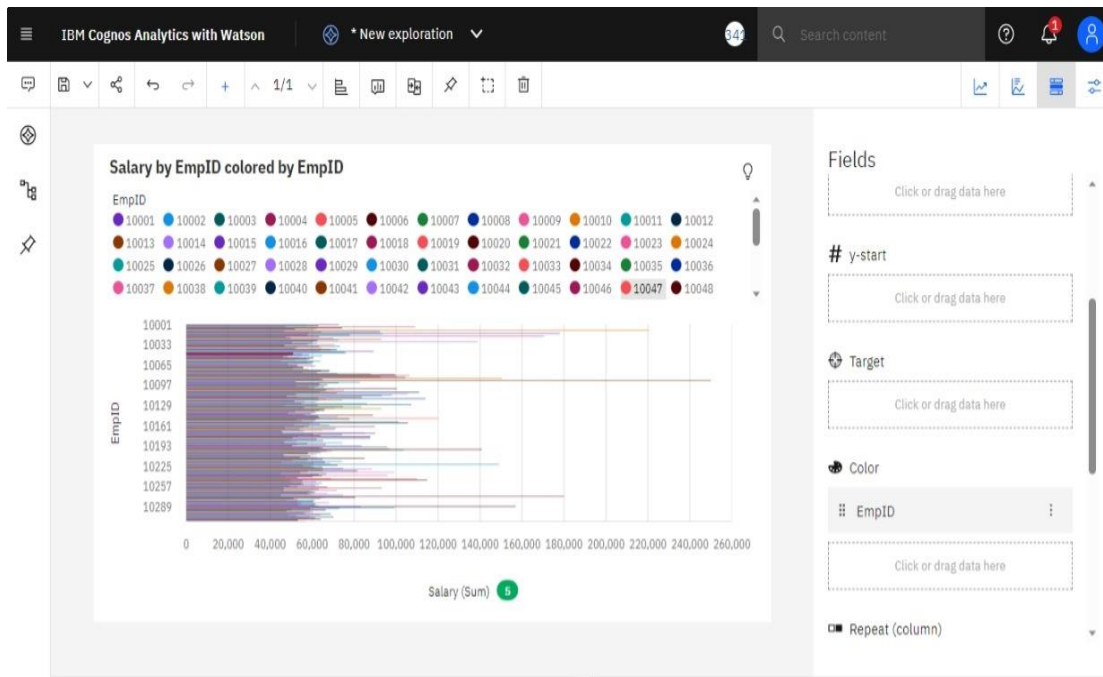
**STEP:10** Then we have to choose visualization type by clicking choose type button.

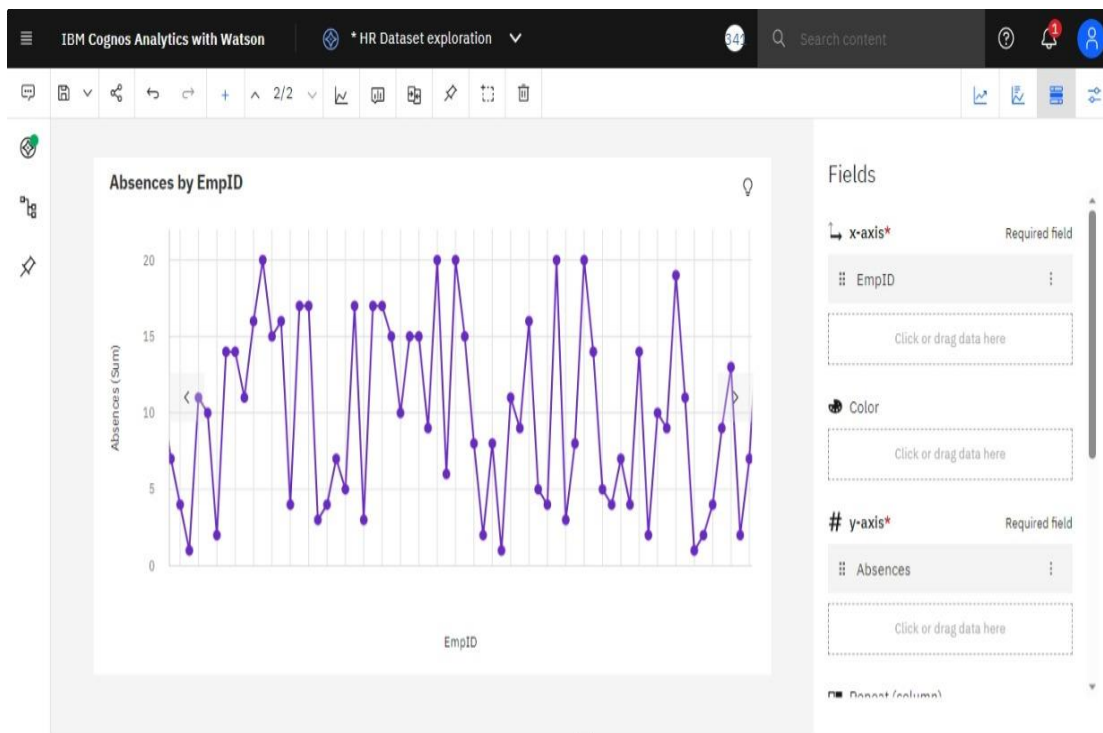
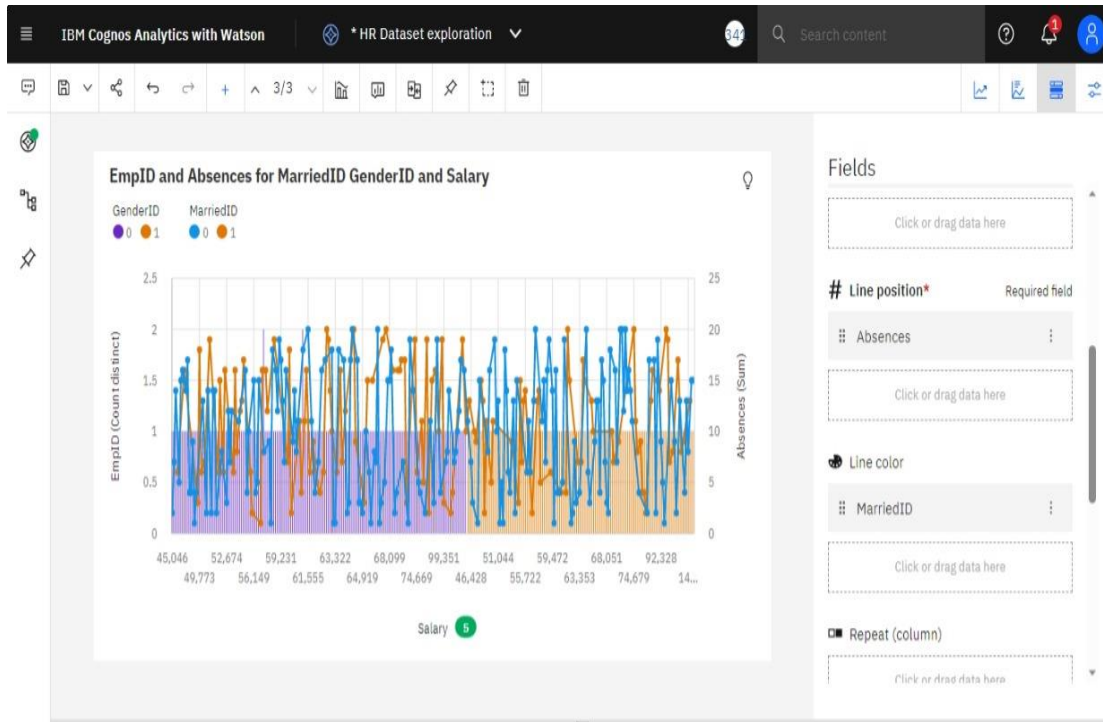


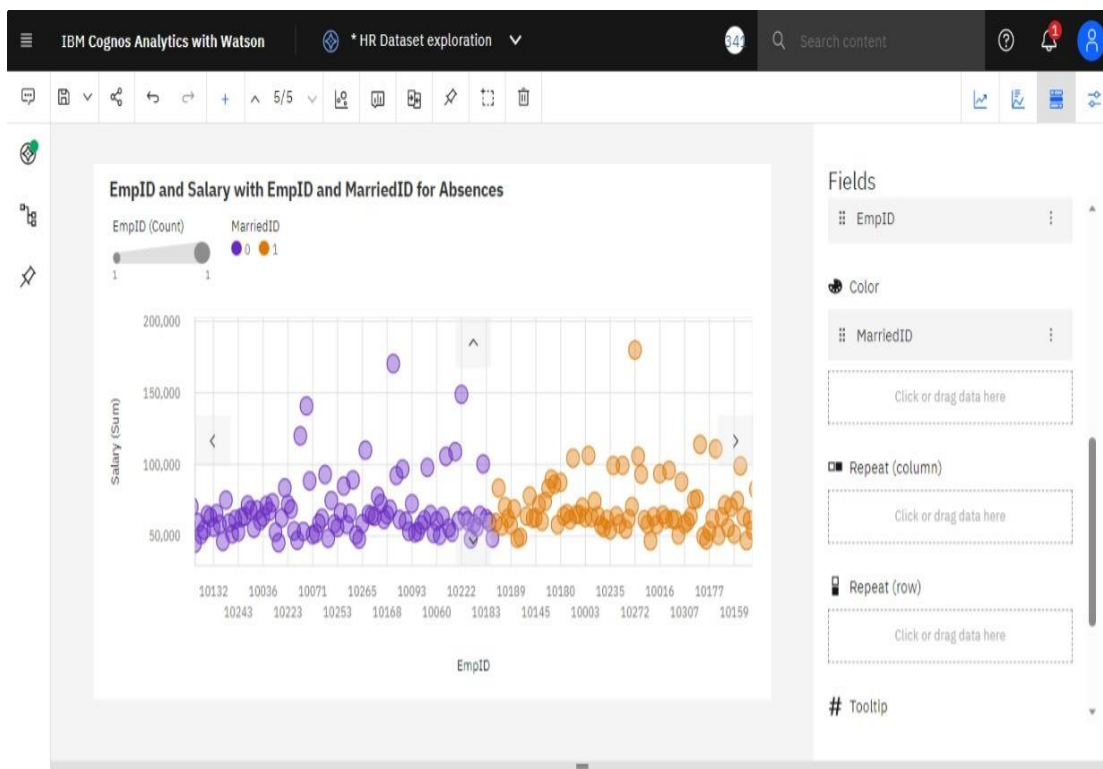
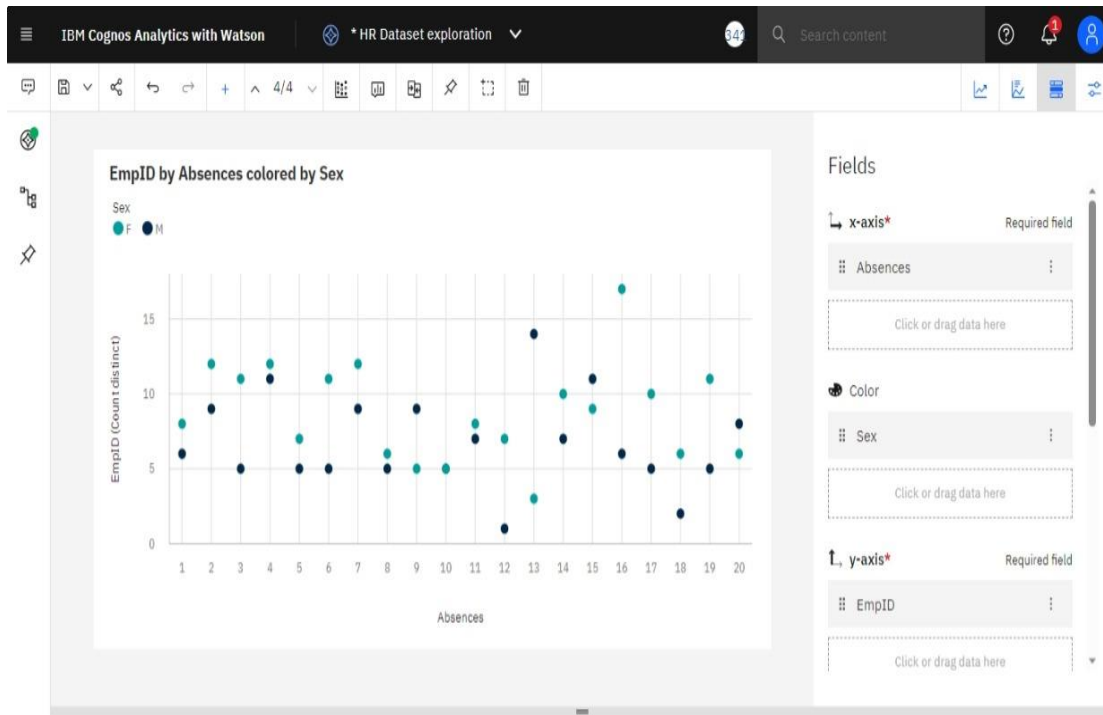
**STEP:11** After selecting visualization type,you can create visualization by drag and drop.



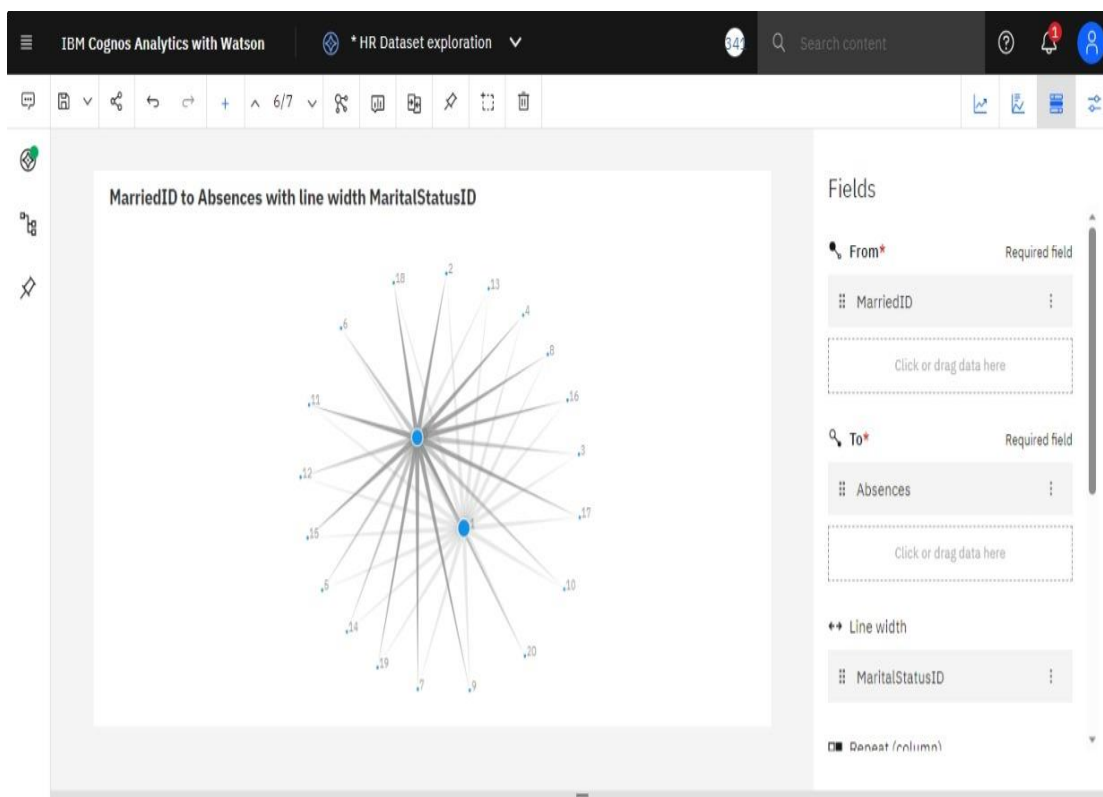
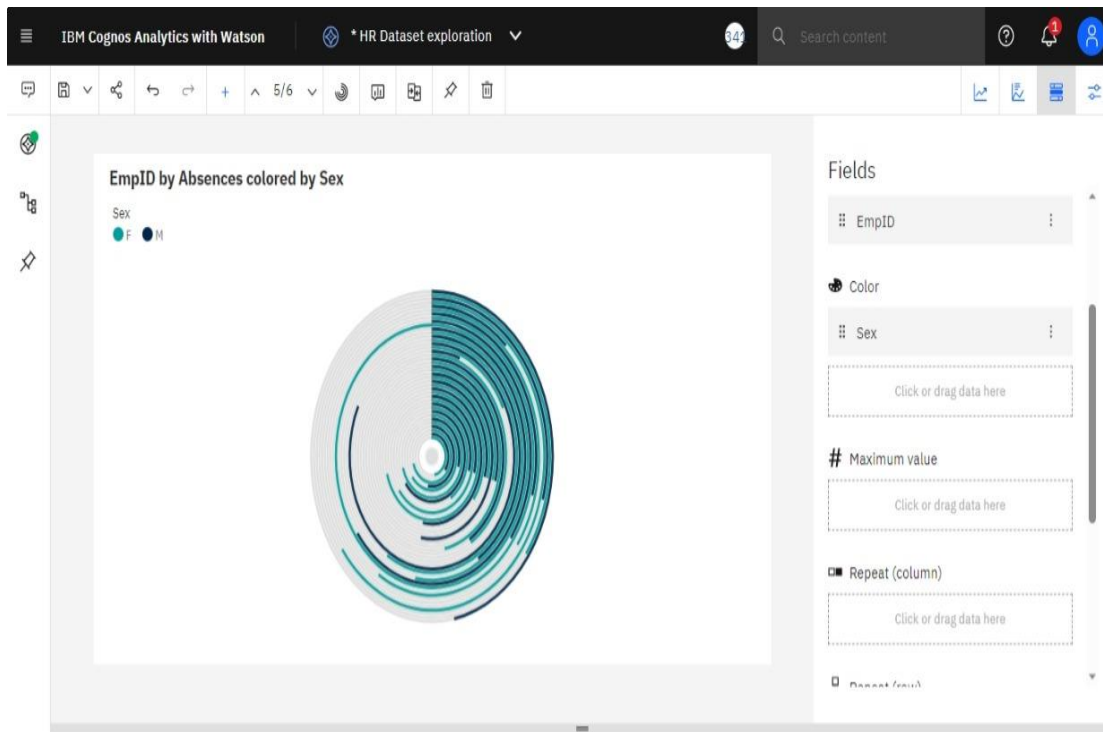
**STEP:12** Then you need to create atleast 5 different visualization.

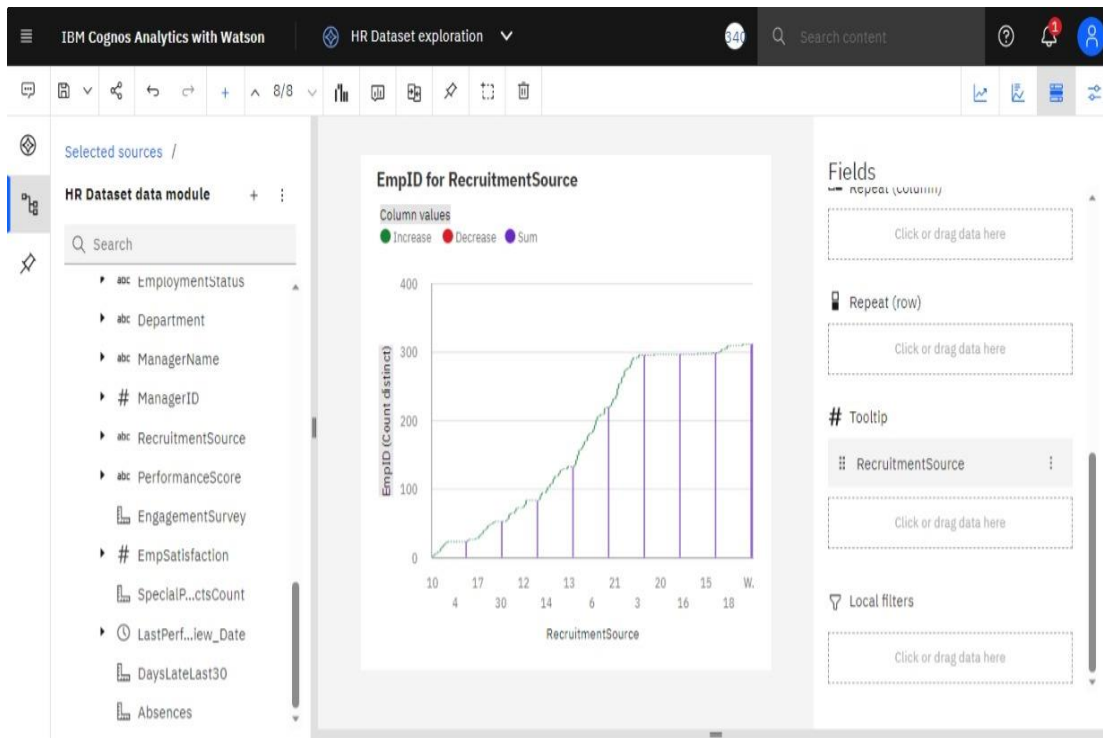




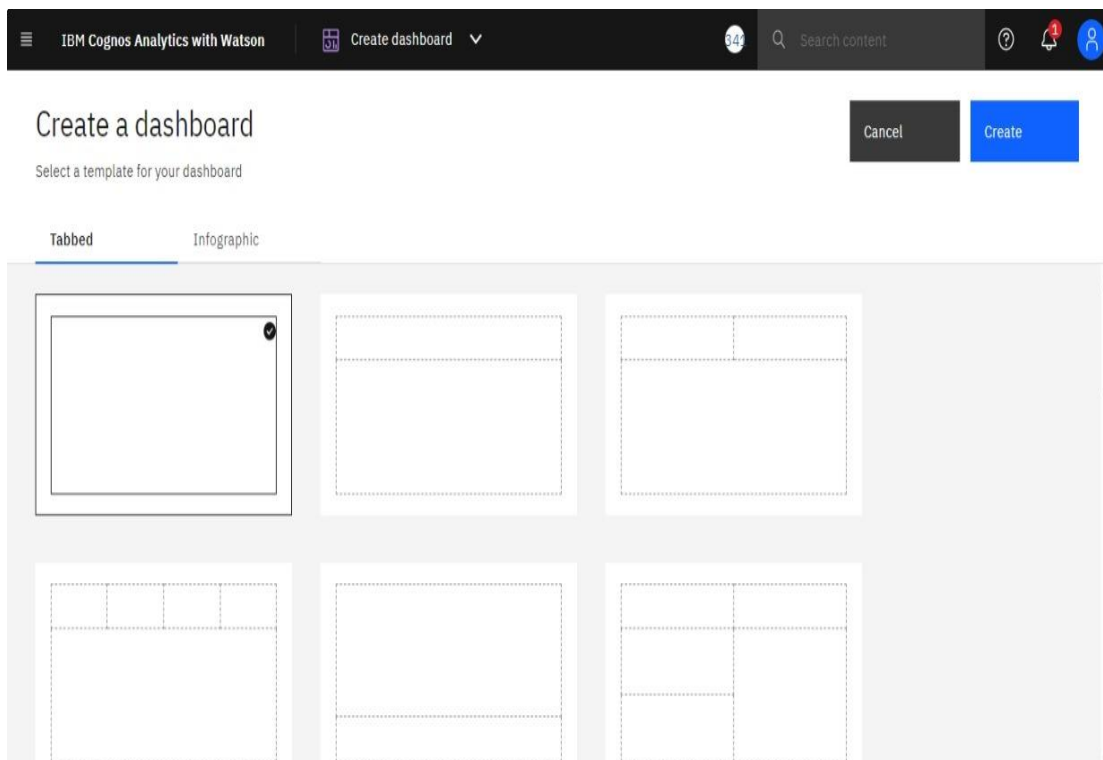






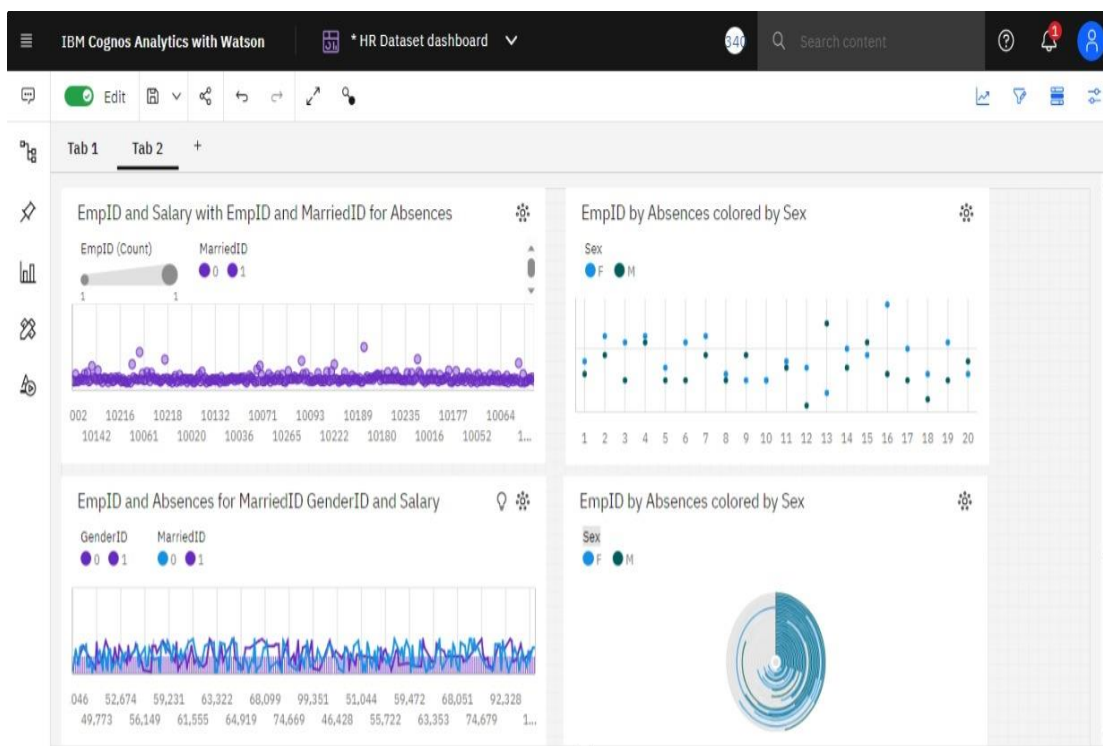
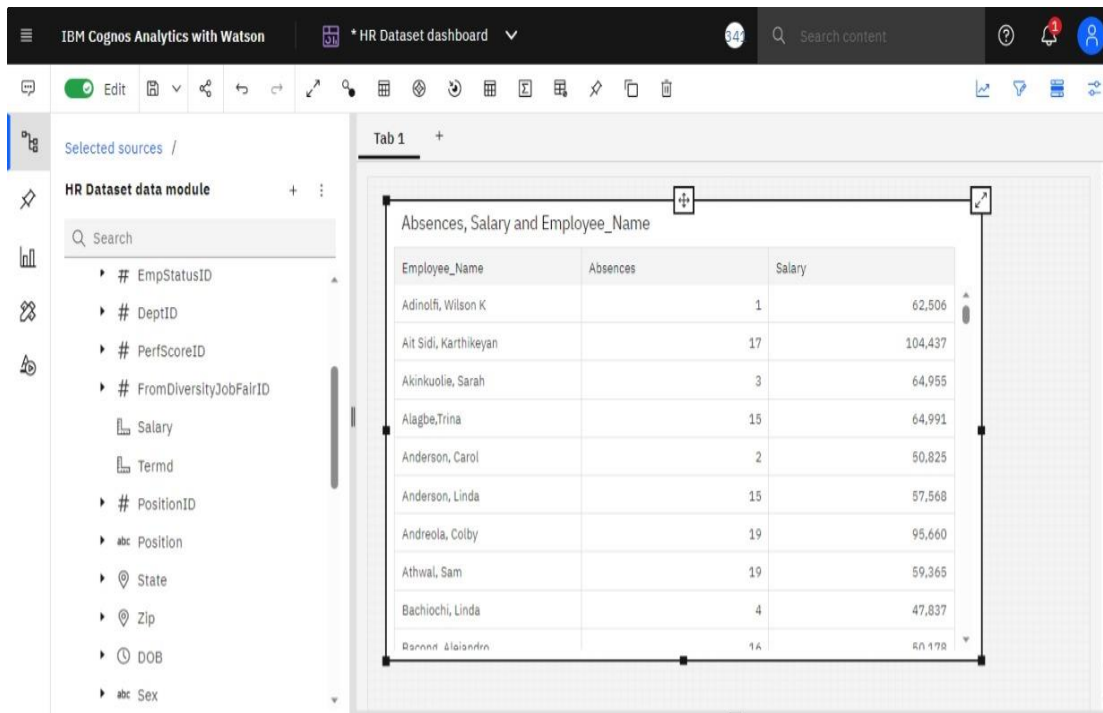


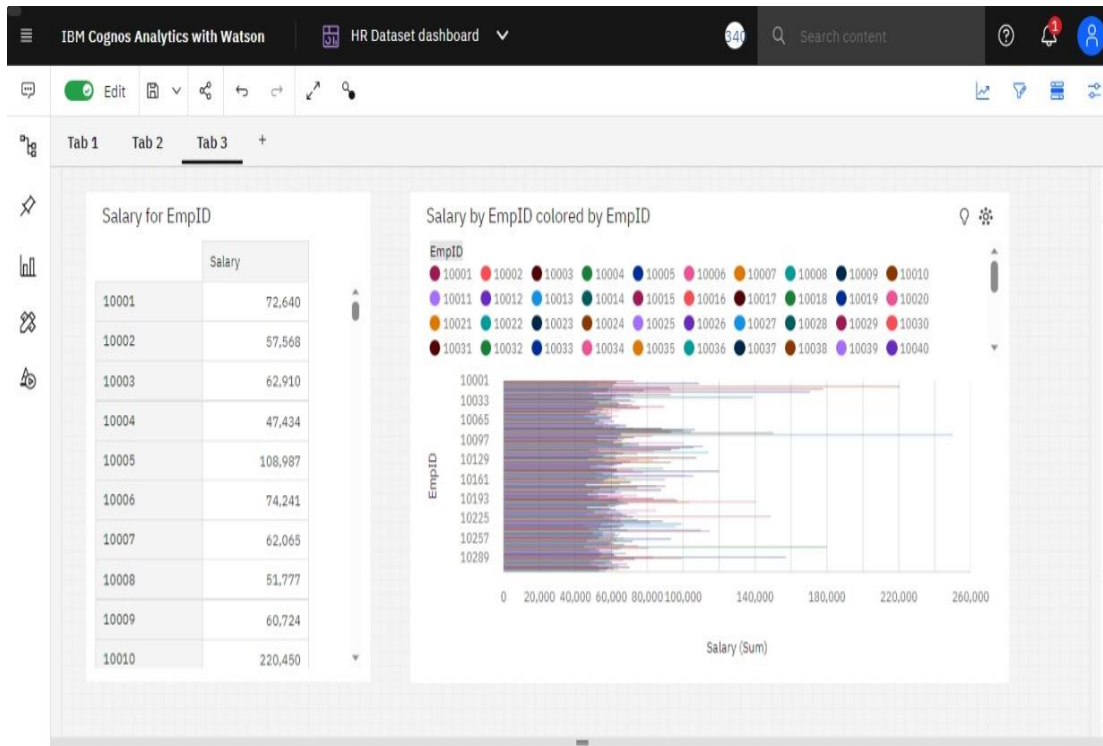
**STEP:13** After creating visualization and save it ,then create a dashboard.



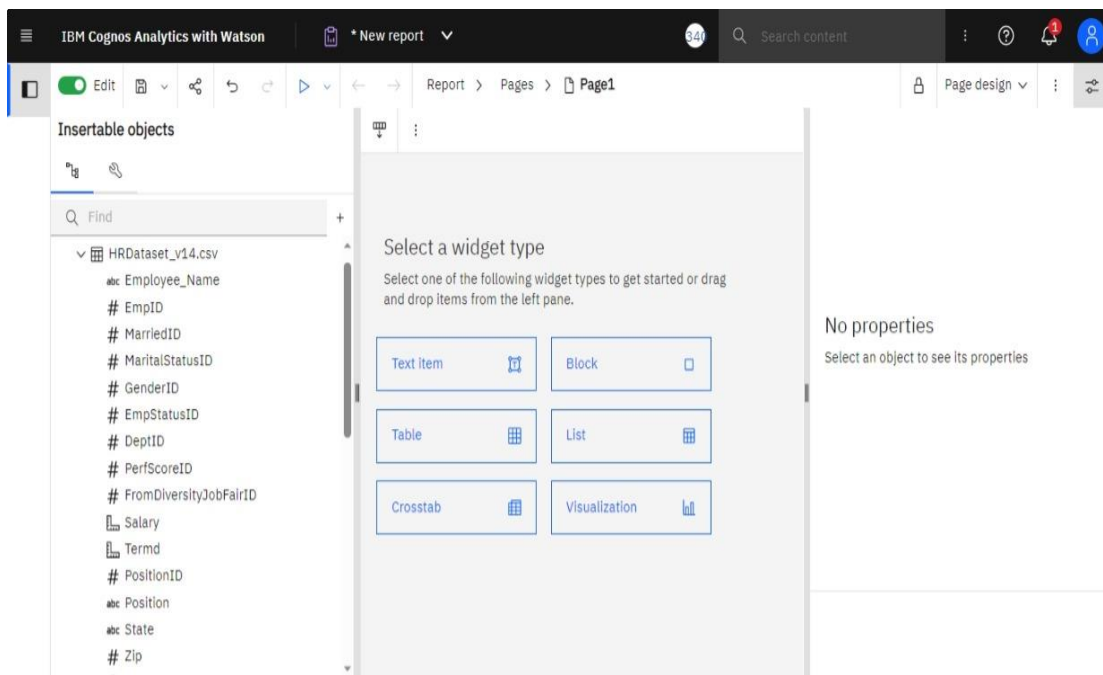
## STEP:14

Then create 2 or 3 Dashboard.



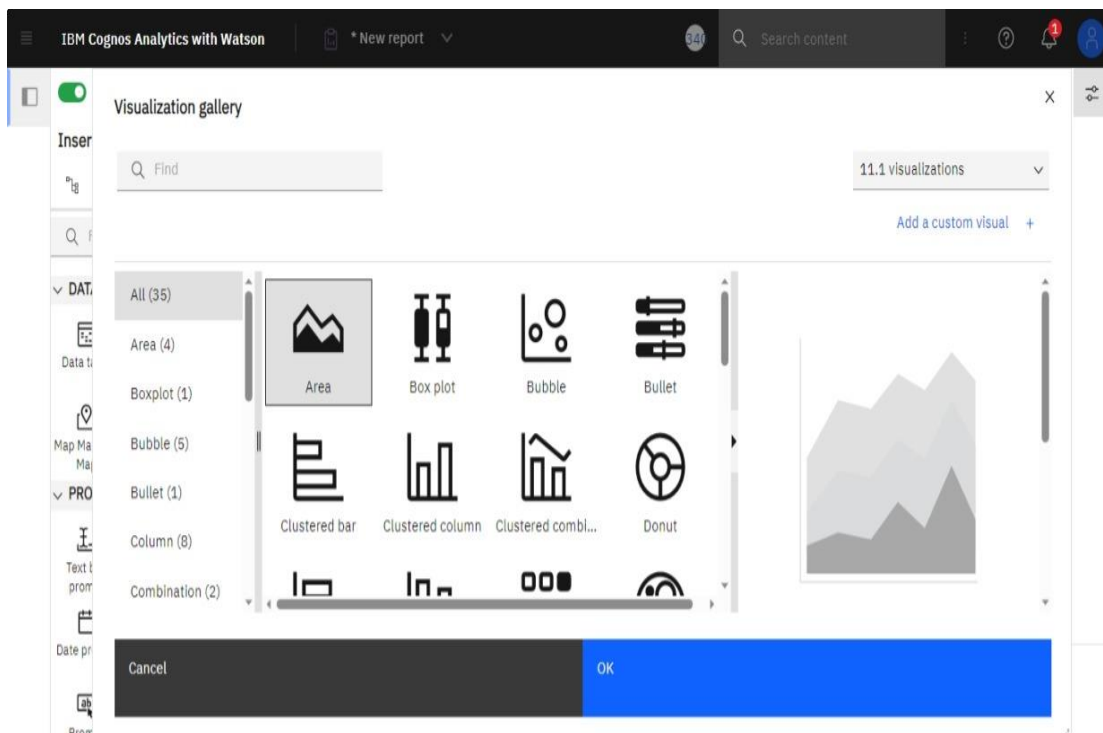
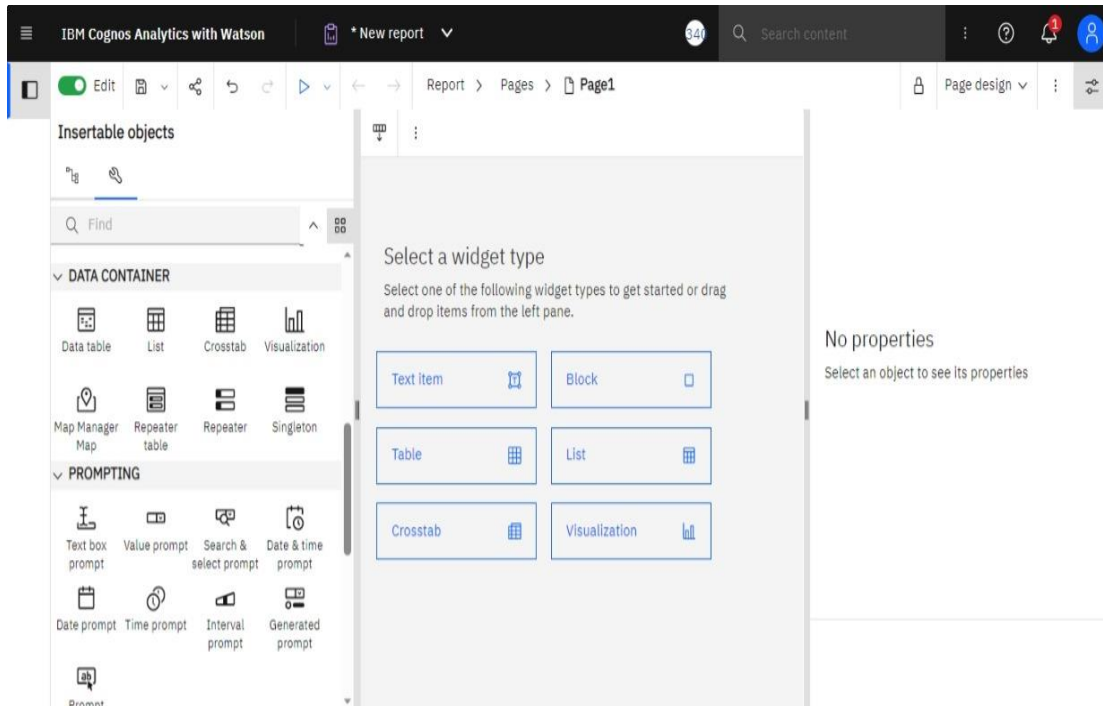


**STEP:15** After creating dashboards then save it,Then create Report New->Report and select source->My content-> then click OK.



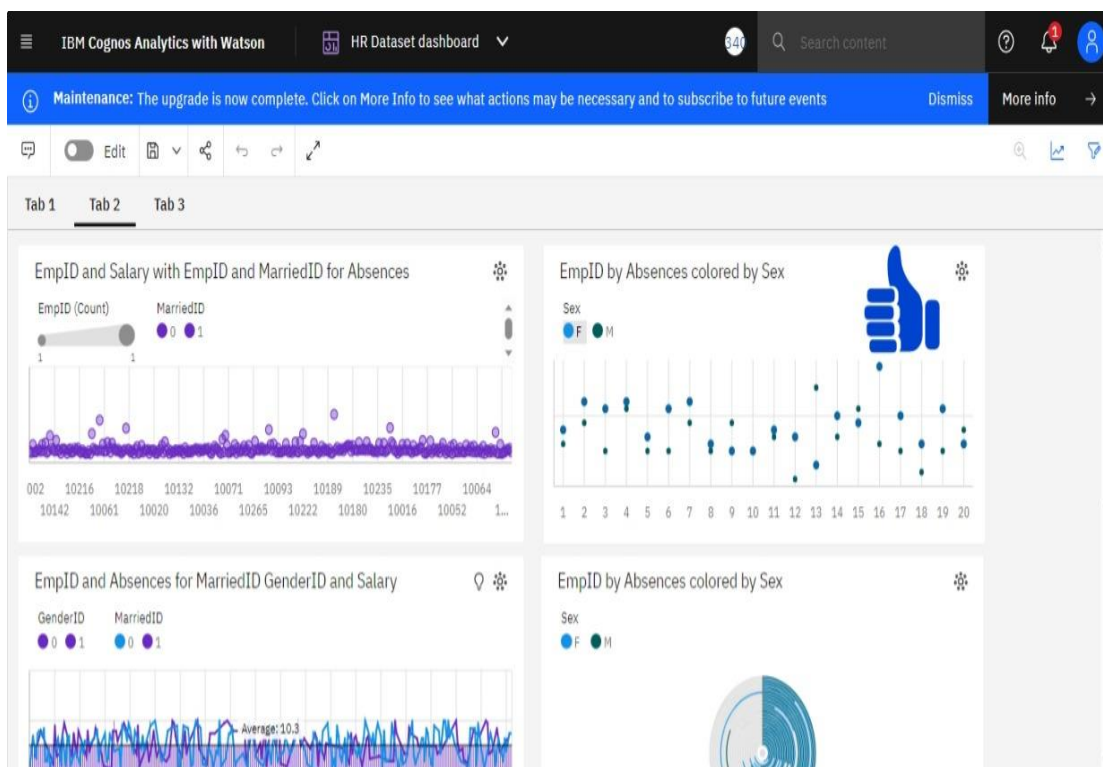
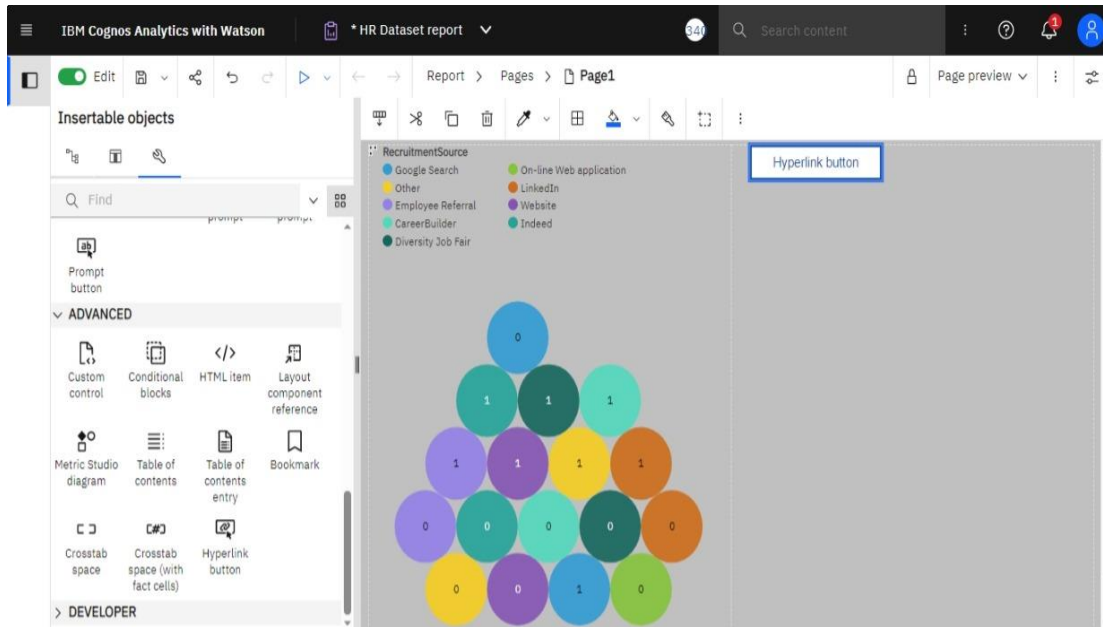
## **STEP:16**

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

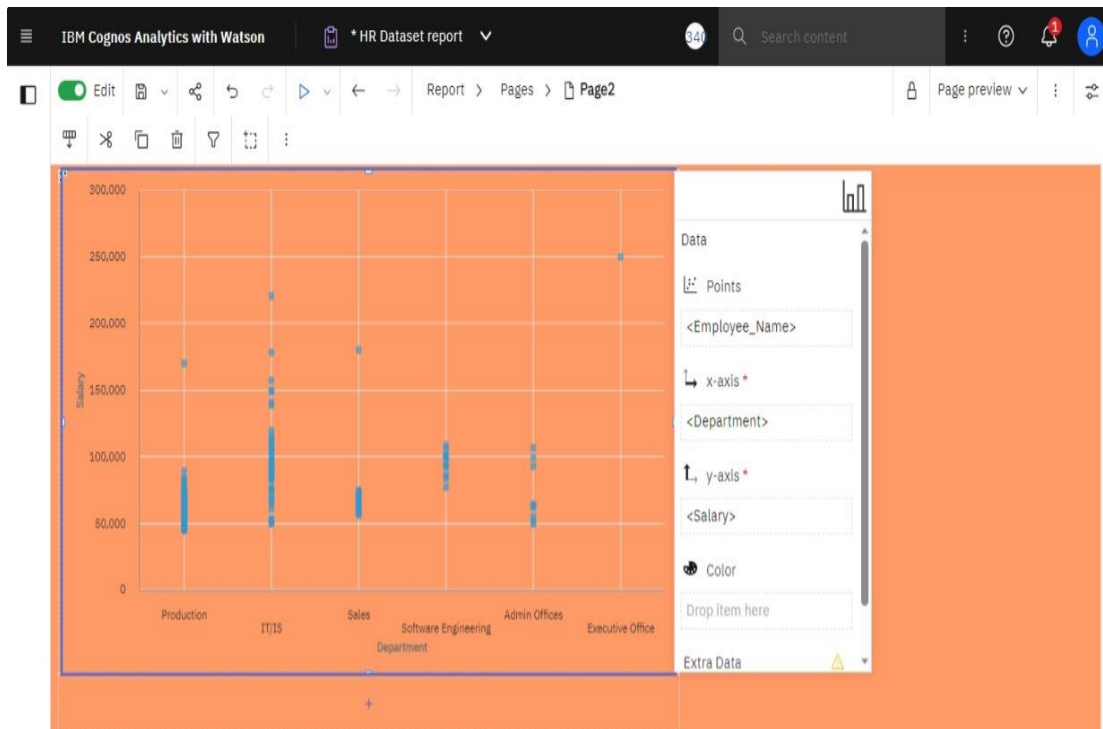
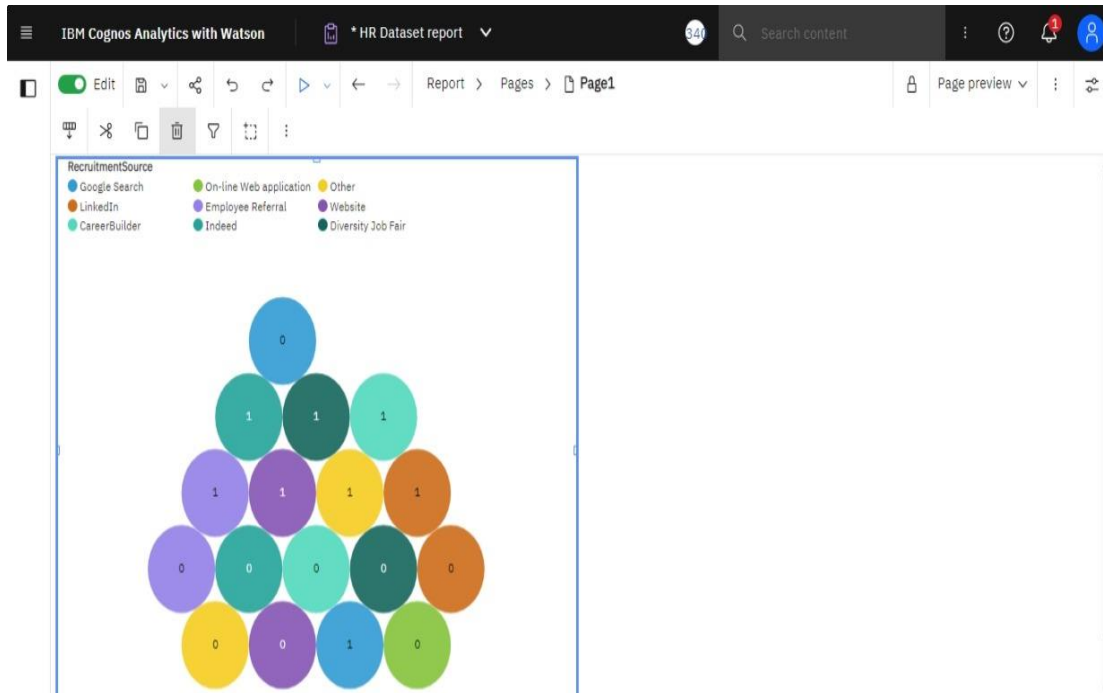


## STEP:17

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



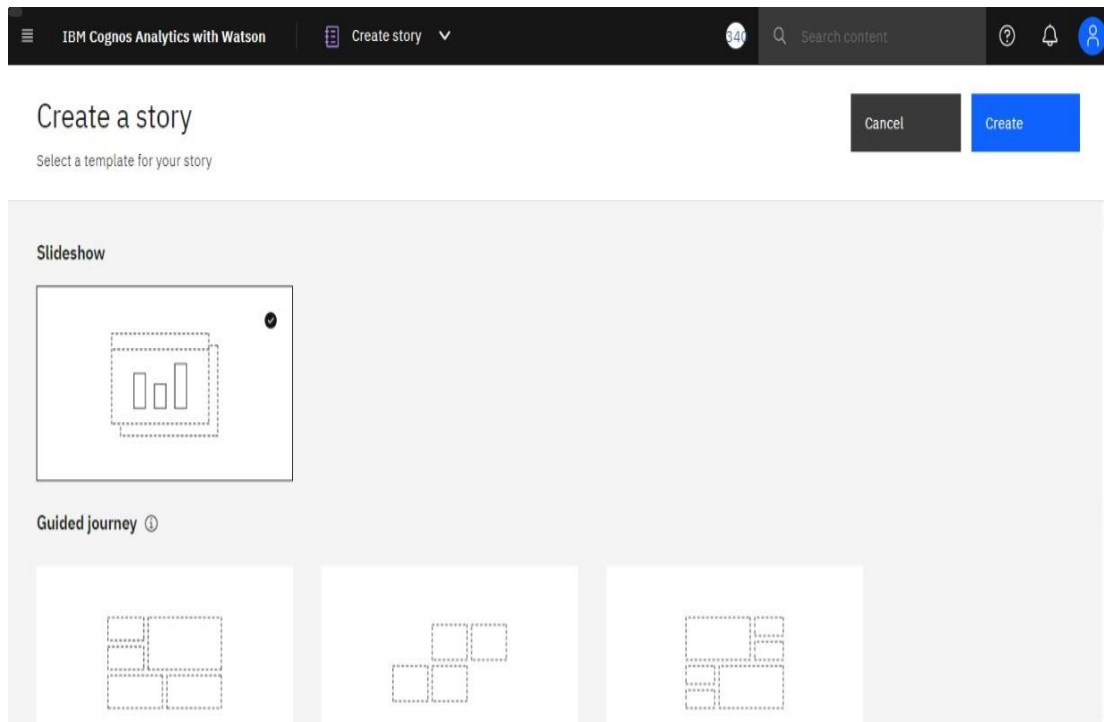
## STEP:18 Now you can create Pages like below-





## **STEP:19**

Then create 1 or 2 story.



## **STEP:20**

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

