

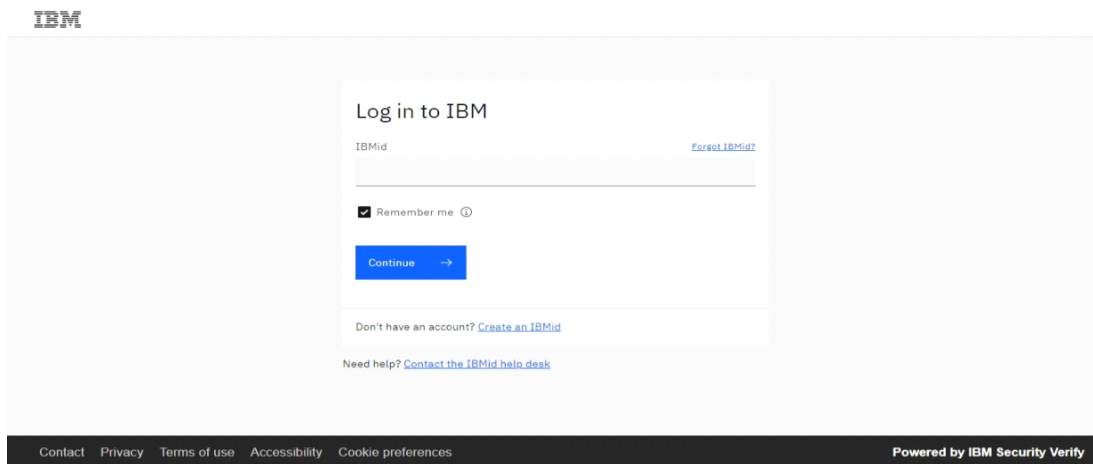
Domain: DATA ANALYTICS [ASSIGNMENT 2]

NAME: DHARANITHARAN R

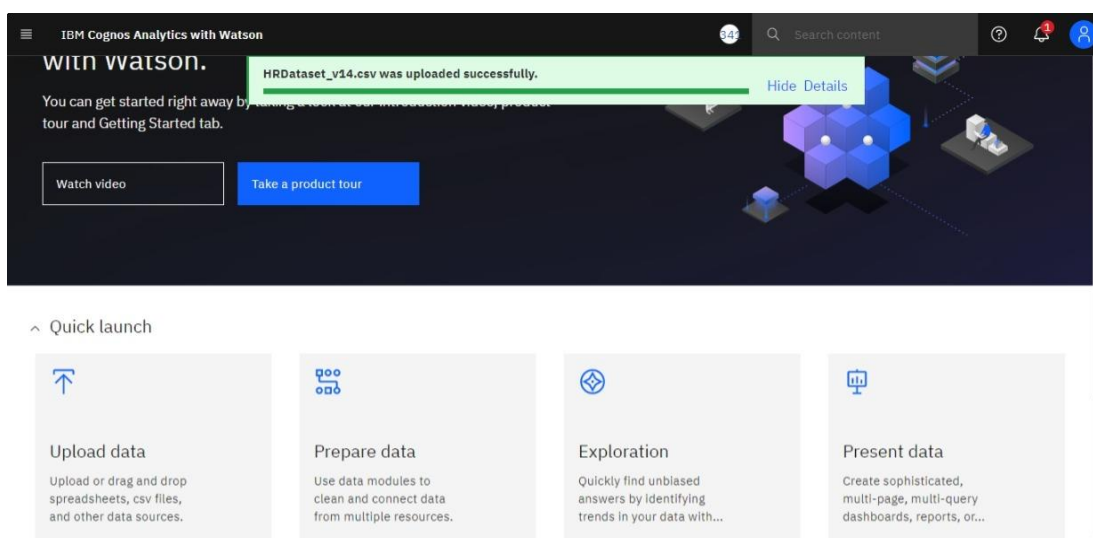
REG NO: 731120104009 [20CSE09]

COLLEGE: Government College of Engineering-Erode [638316]

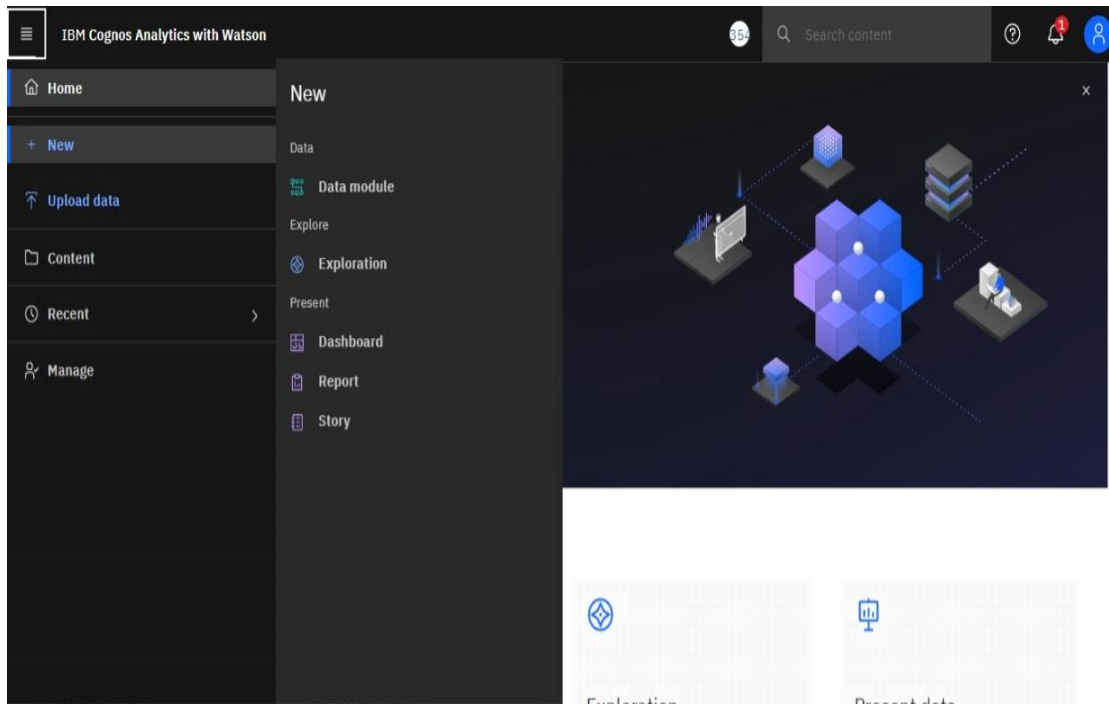
STEP:1 After downloaded the HRDataset_v14(Dataset),then login to IBM cognos account.



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 data from the 'HRDataset_v14.csv' source. The table has columns: Row Id, Employee_Name, EmpID, MarriedID, and MaritalStatusID. The data is as follows:

| 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 |
|--------|-------------|------------------------|-------|
| 1 | 4 | 0 | 0 |
| 1 | 3 | 0 | 1 |
| 1 | 3 | 0 | 1 |
| 1 | 3 | 0 | 0 |
| 1 | 3 | 0 | 1 |
| 1 | 4 | 0 | 0 |
| 1 | 3 | 0 | 0 |
| 1 | 3 | 1 | 0 |
| 1 | 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. The top bar now displays 'HR Dataset data module'. The main grid displays a table with columns: DeptID, PerfScoreID, FromDiversityJobFairID, Salary, and Termd. The 'FromDiversityJobFairID' column is highlighted. The 'Data module' pane on the left remains the same.

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

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

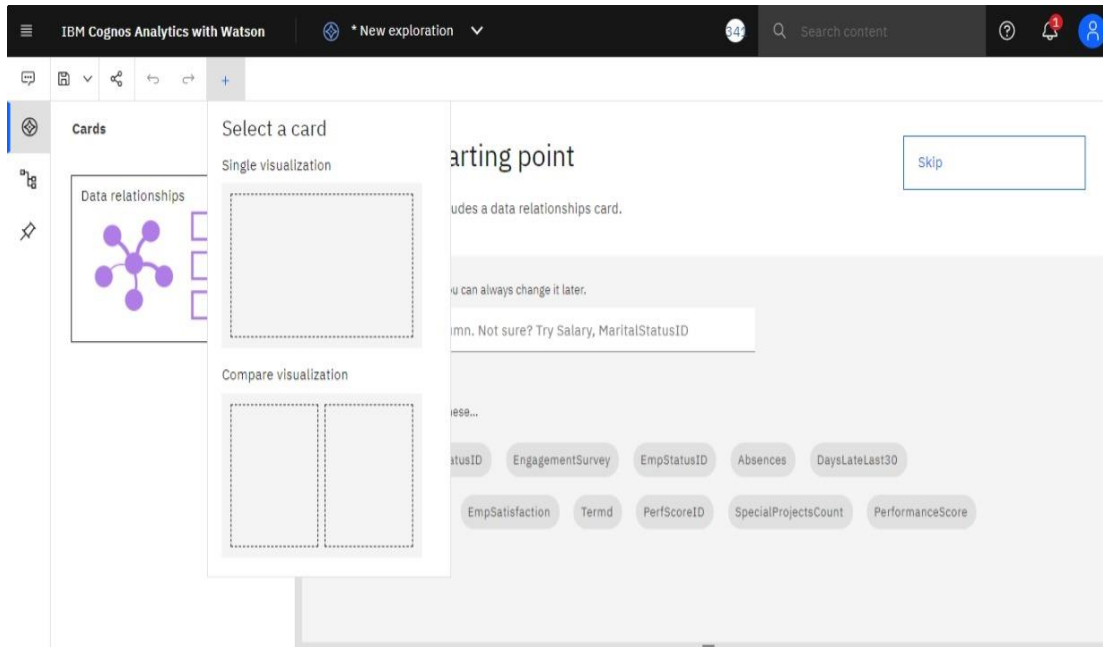
The screenshot shows the IBM Cognos Analytics interface. On the left, a sidebar contains navigation options: Home, New, Upload data, Content, Recent, and Manage. The 'New' menu is expanded, showing options: Data module, Explore, Exploration, Present, Dashboard, Report, and Story. The 'Exploration' option is selected. The main area displays a table 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 |

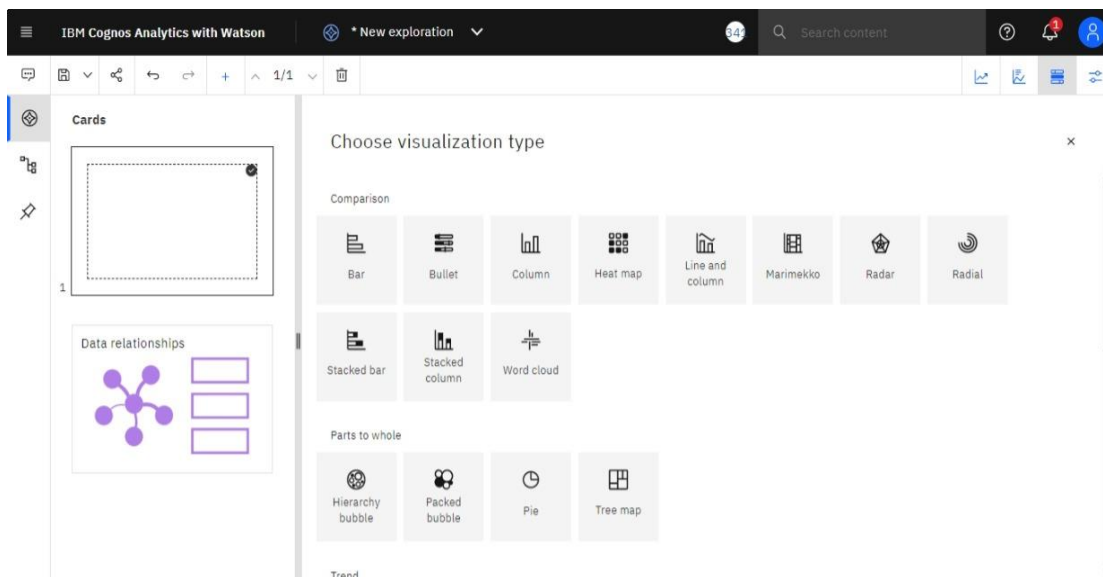
STEP:8 Then it will take time to starting page of exploration

The screenshot shows the 'Select a starting point' page in IBM Cognos Analytics. The page has a header with 'IBM Cognos Analytics with Watson' and a 'New exploration' dropdown. The main content area is titled 'Select a starting point' and includes a 'Skip' button. Below the title, there is a section 'Start with any column. You can always change it later.' with a search bar containing the text 'Enter data column. Not sure? Try Salary, MaritalStatusID'. Below this, there is a section 'Try starting with one of these...' with a list of data columns: Salary, MaritalStatusID, EngagementSurvey, EmpStatusID, Absences, DaysLateLast30, EmploymentStatus, EmpSatisfaction, Termd, PerfScoreID, SpecialProjectsCount, and PerformanceScore.

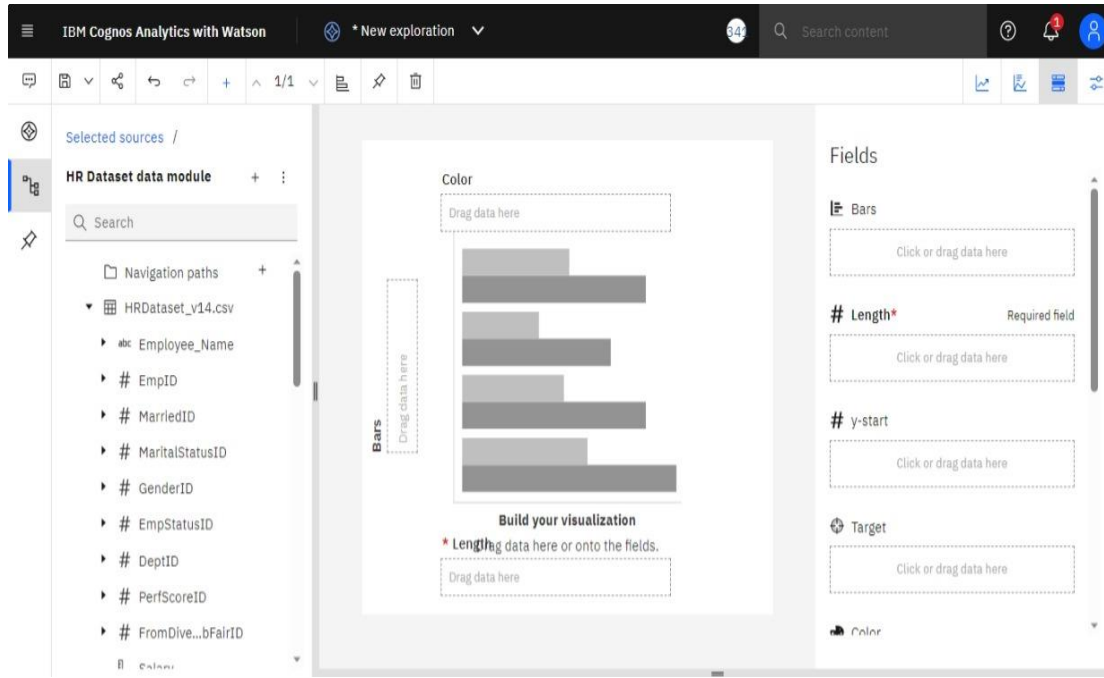
STEP:9 Select any visualization as your wish.



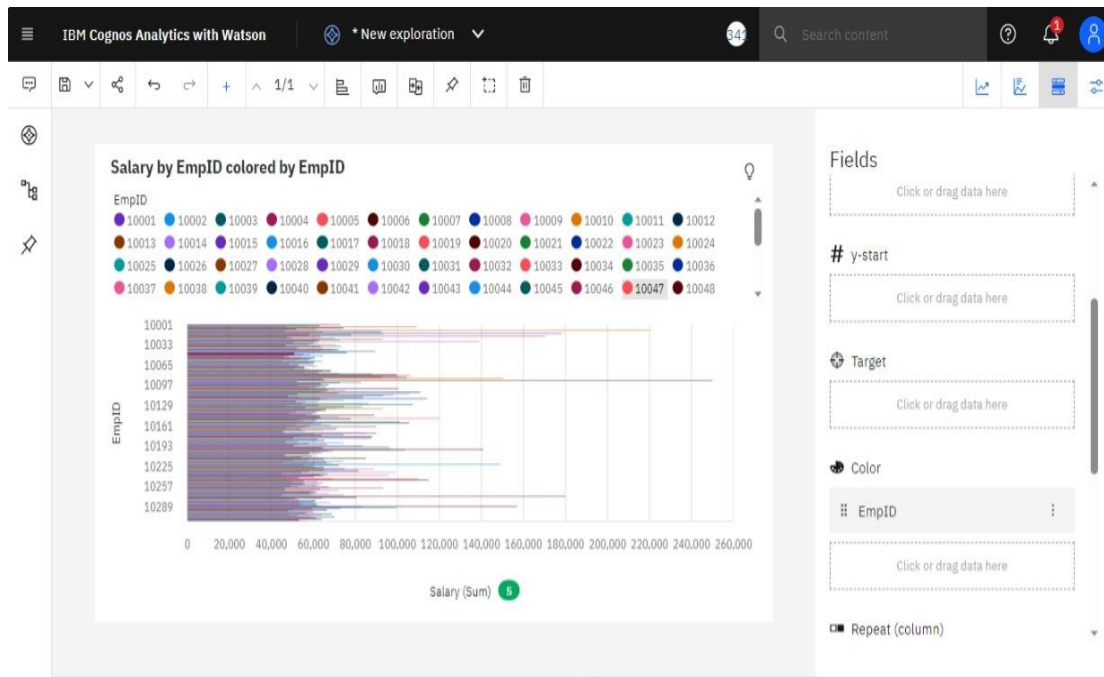
STEP:10 Then we have to choose visualization type by clicking choose type button.

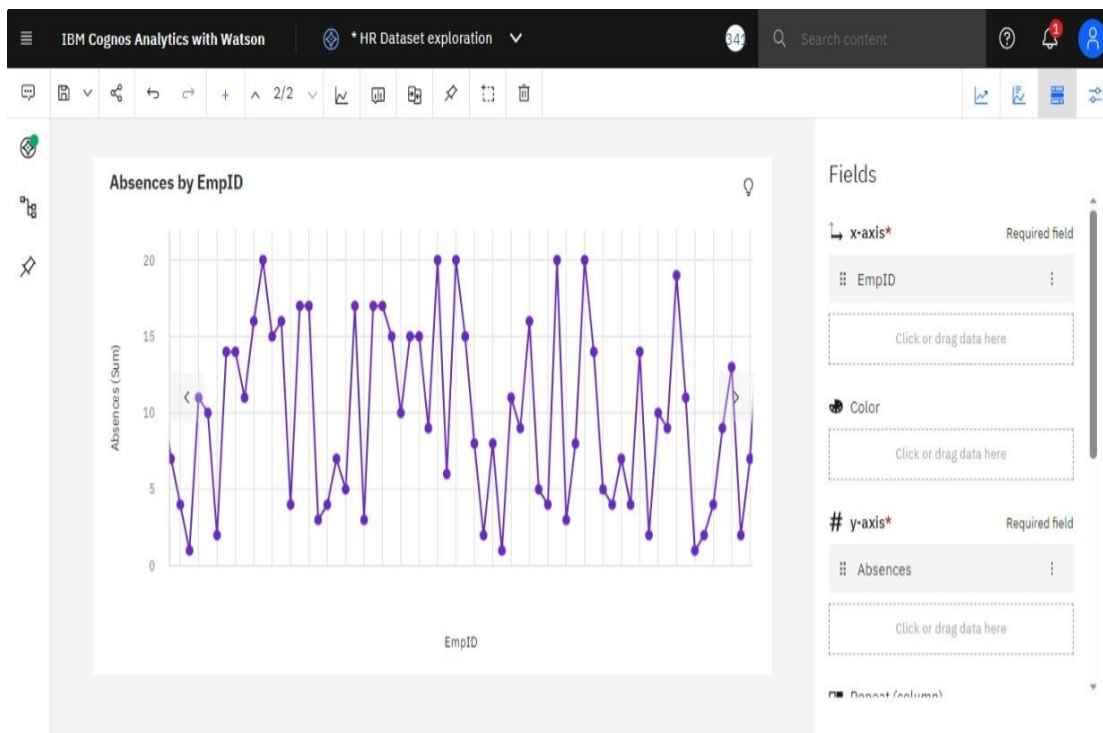
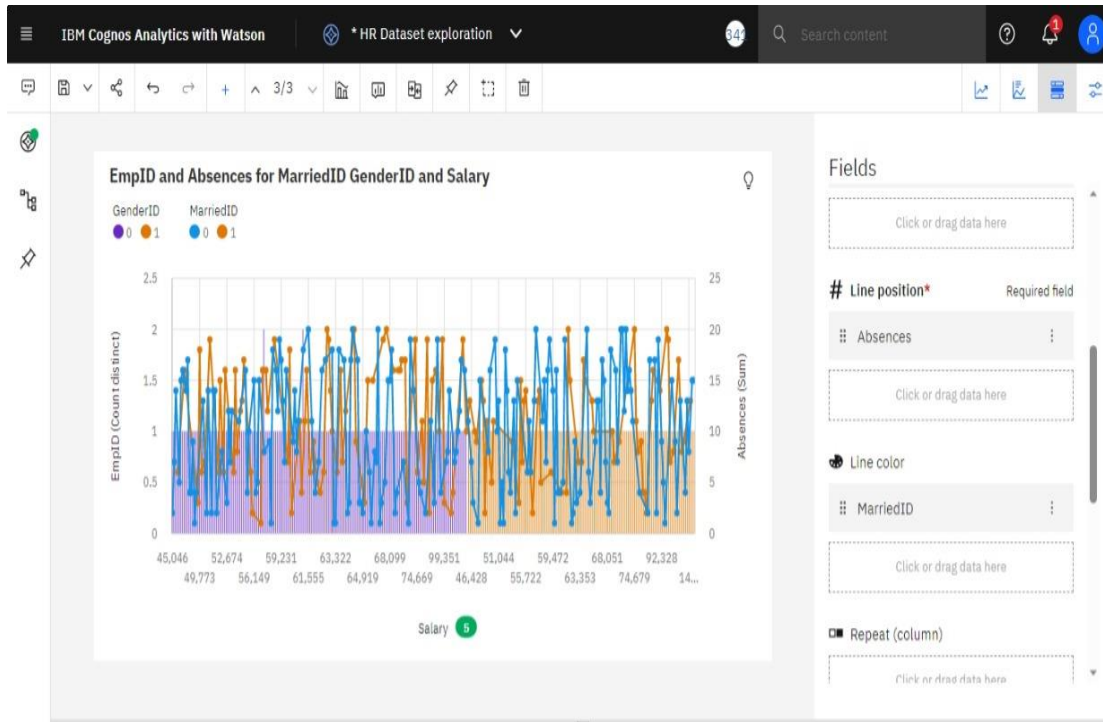


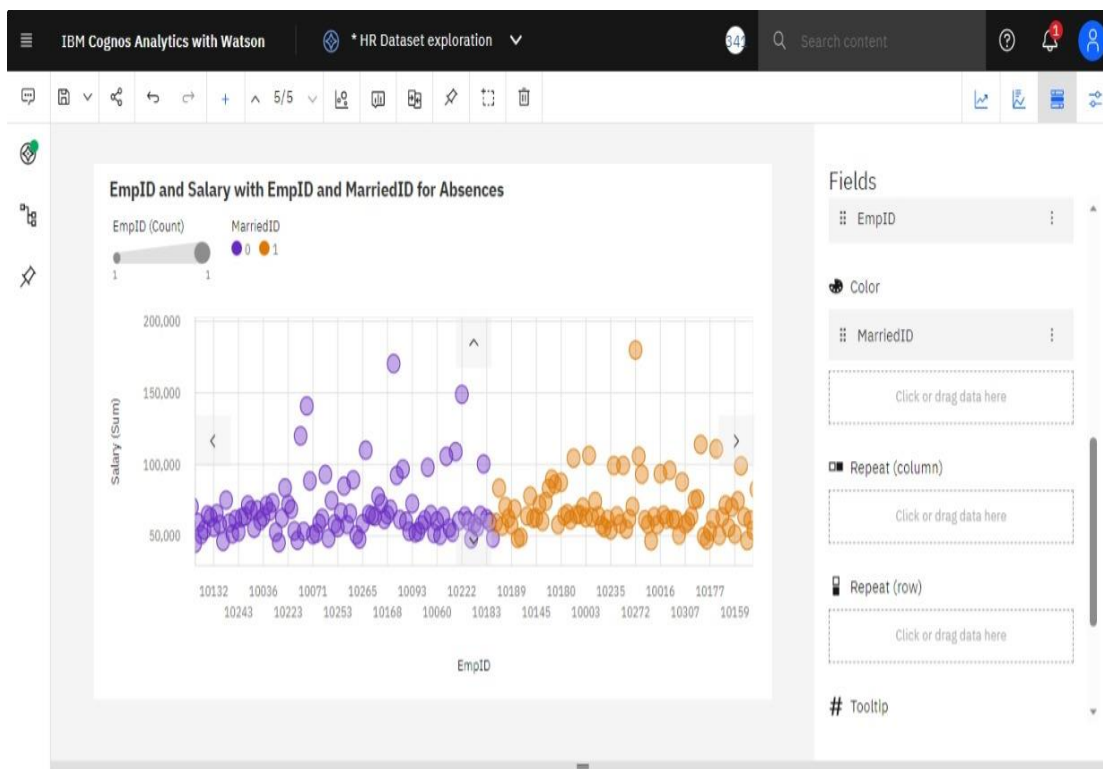
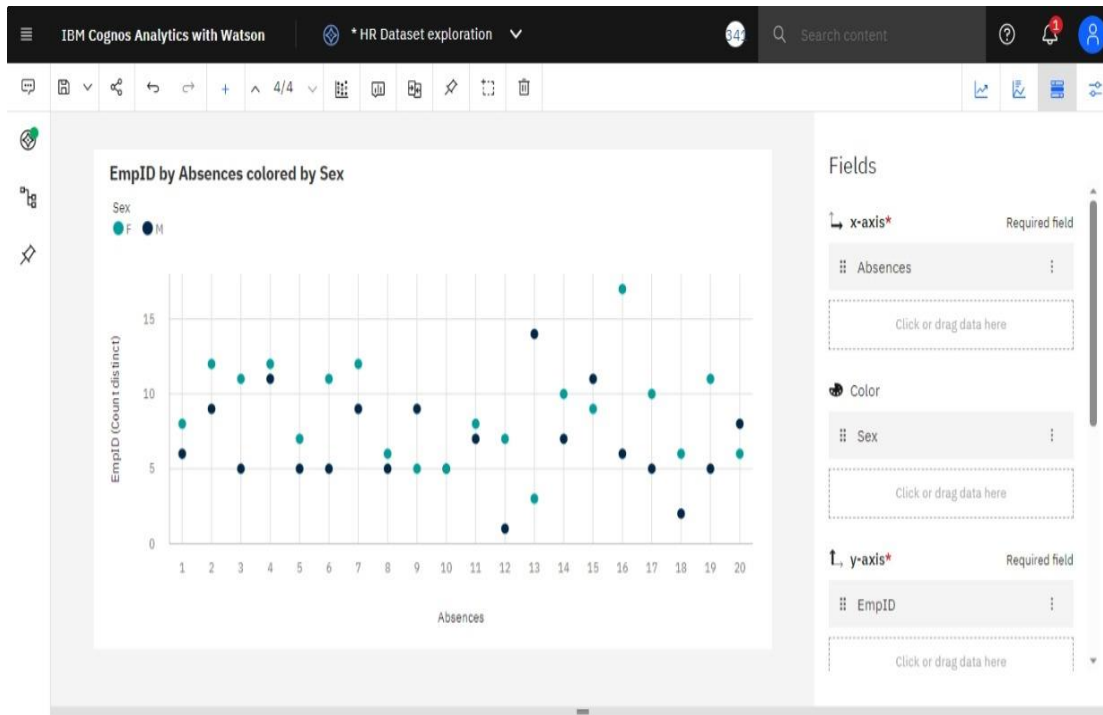
STEP:11 After selecting visualization type,you can create visualization by drag and drop.

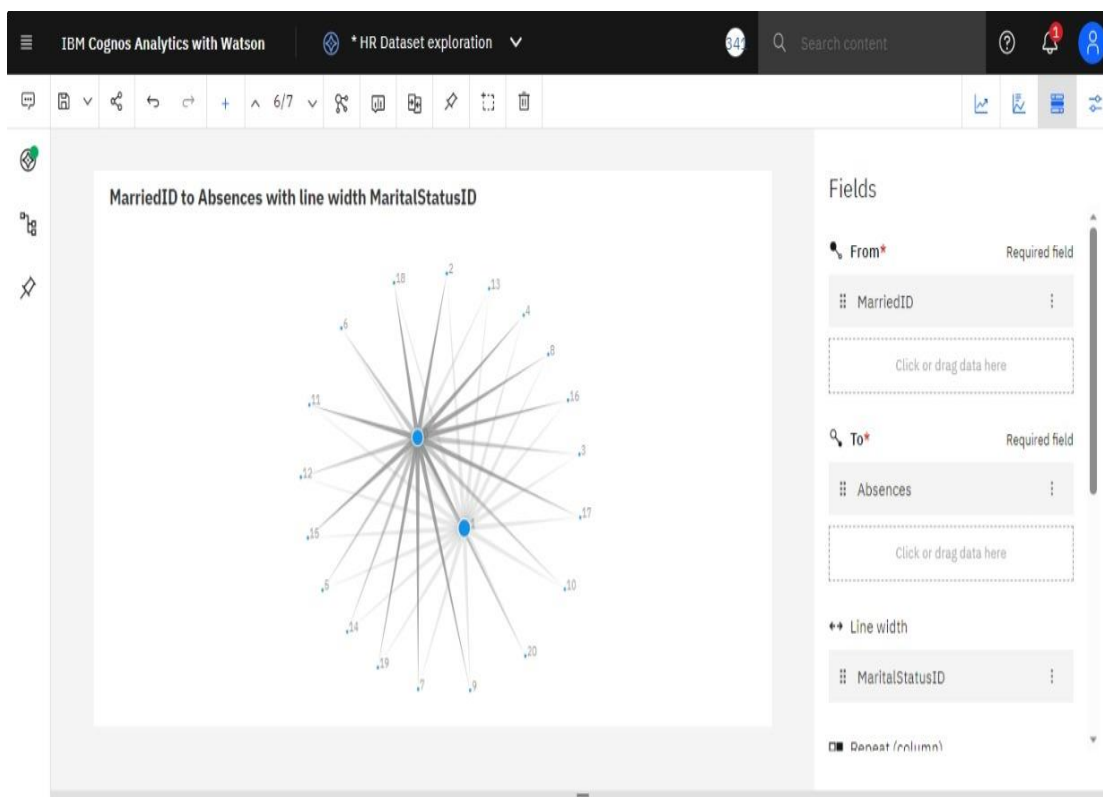
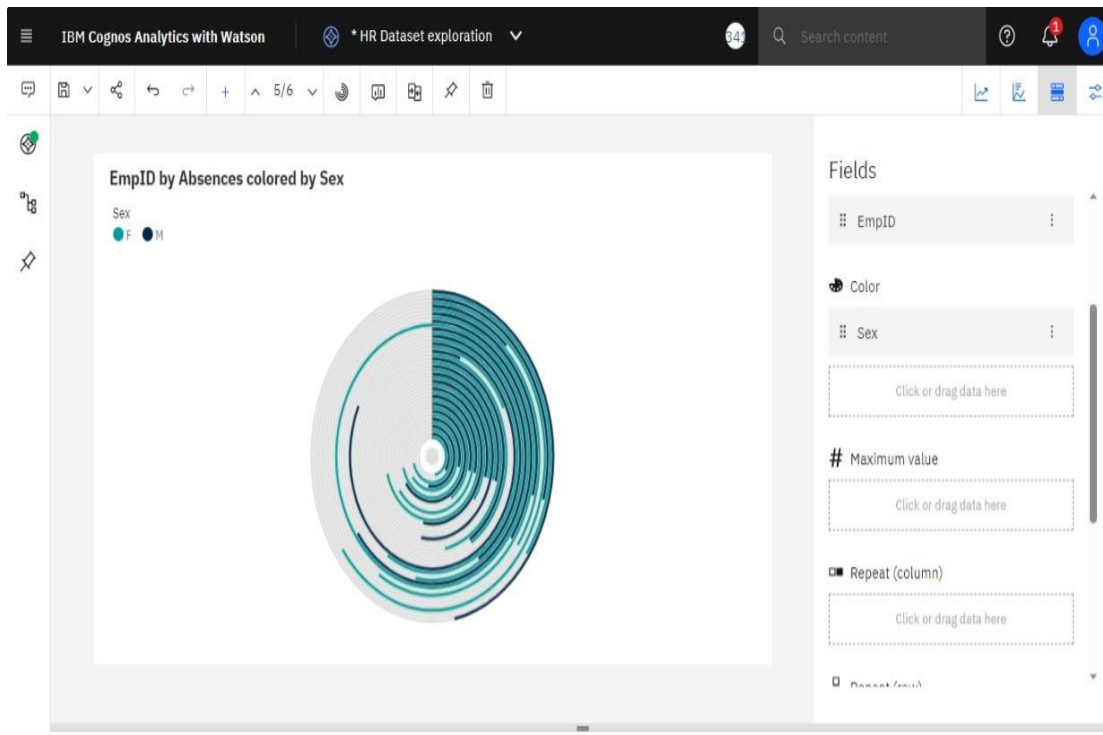


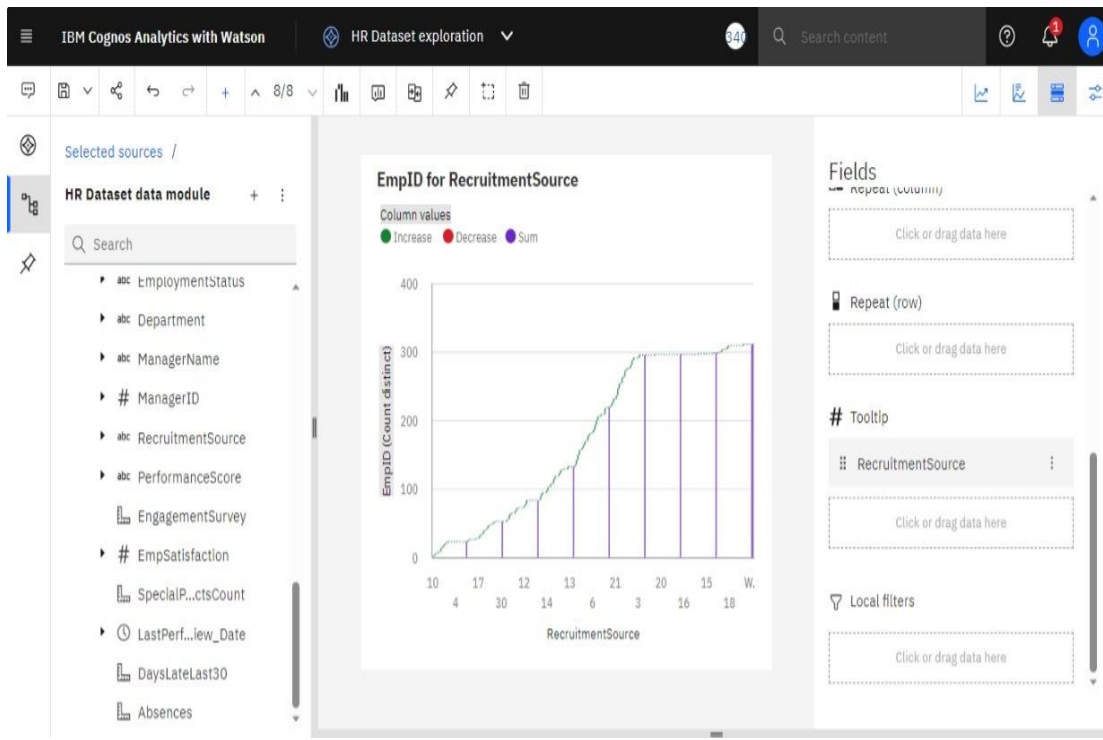
STEP:12 Then you need to create atleast 5 different visualization.



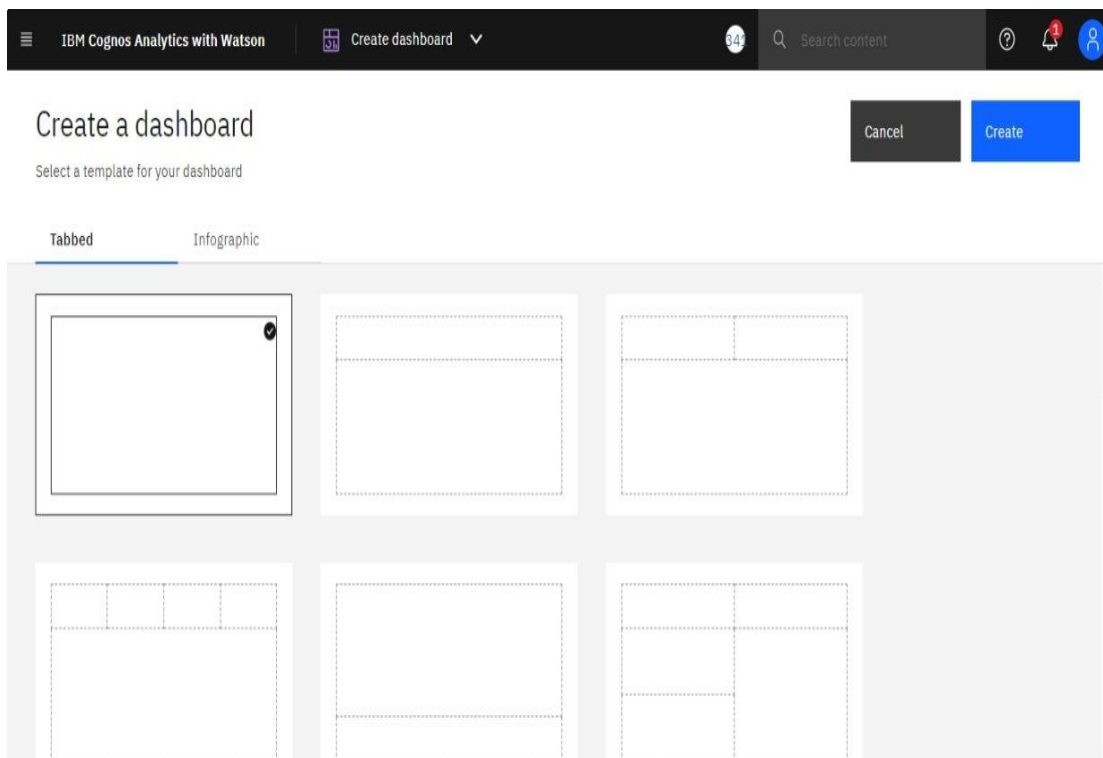






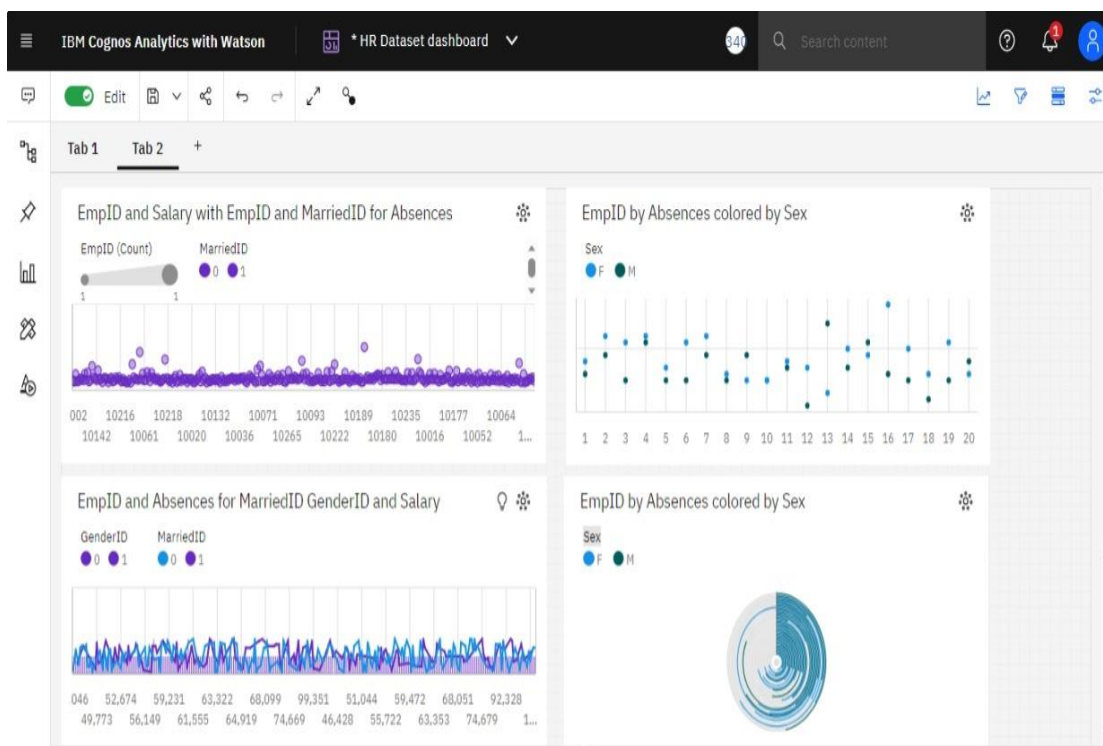
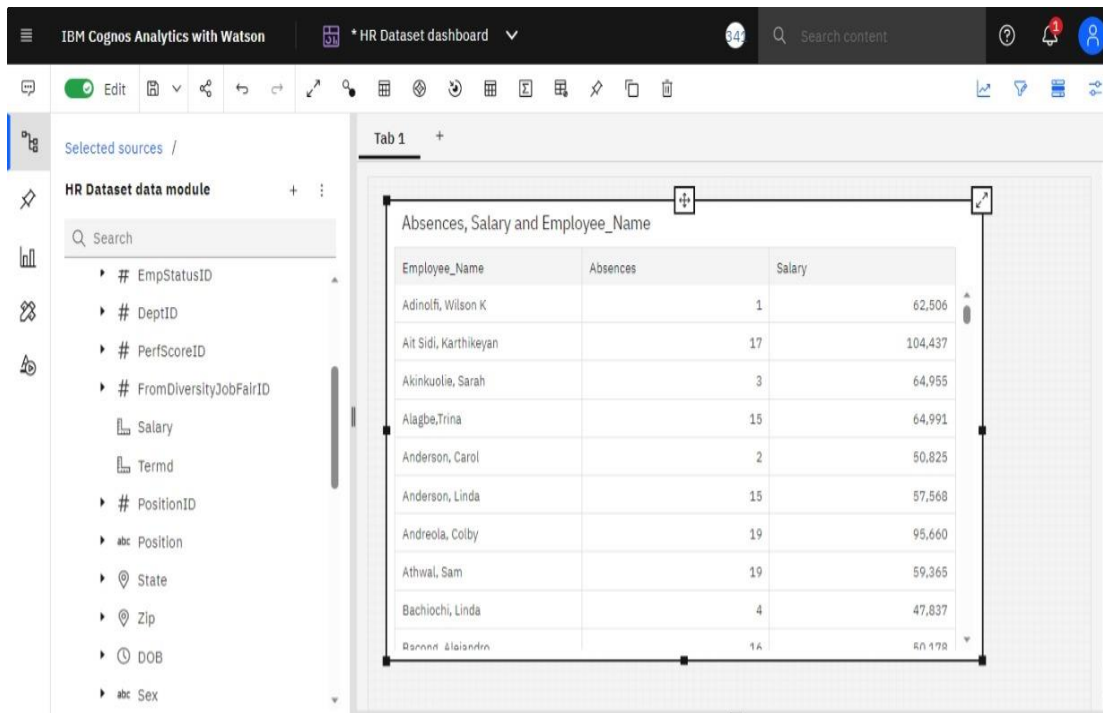


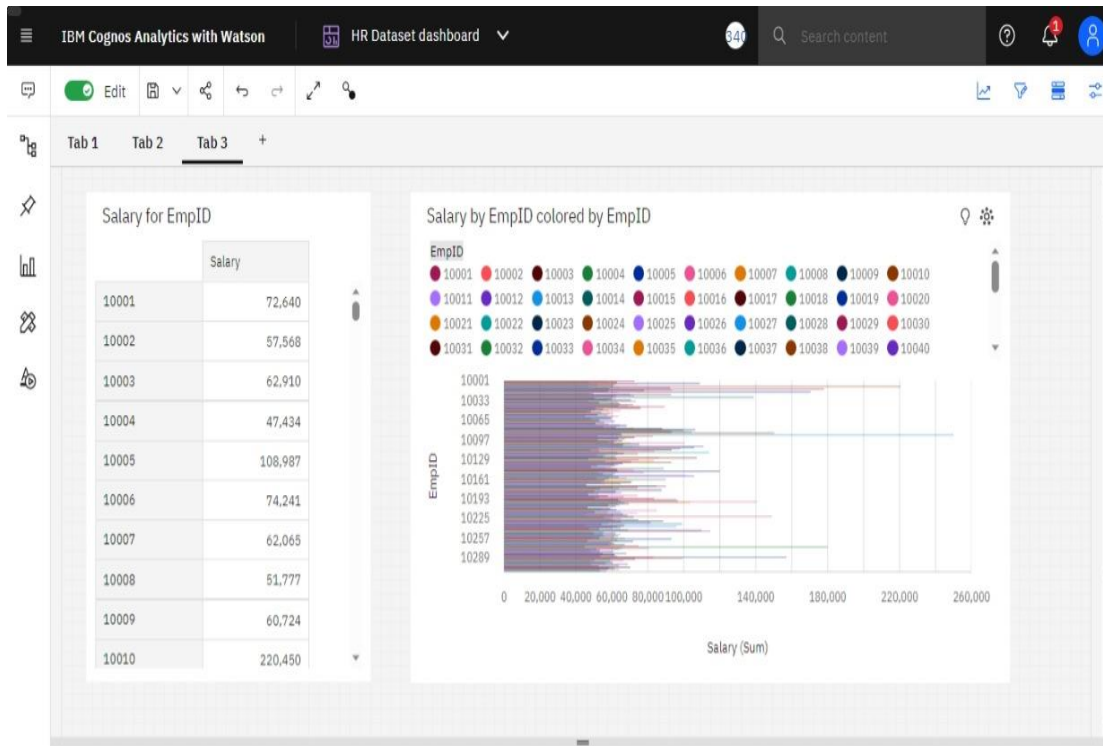
STEP:13 After creating visualization and save it ,then create a dashboard.



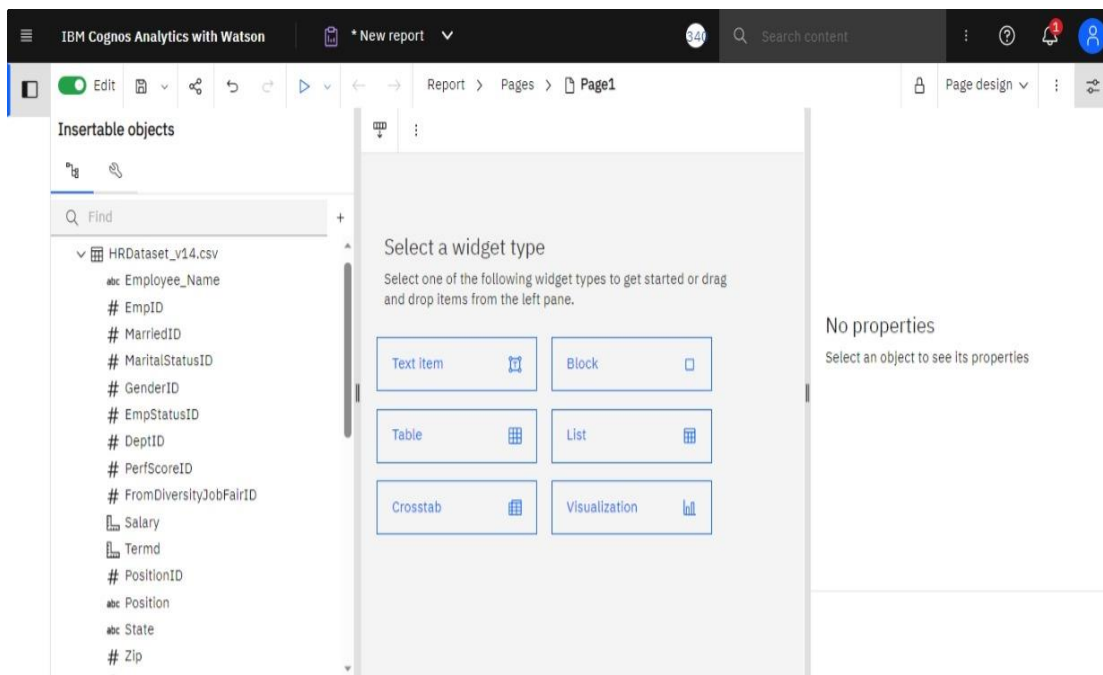
STEP:14

Then create 2 or 3 Dashboard.



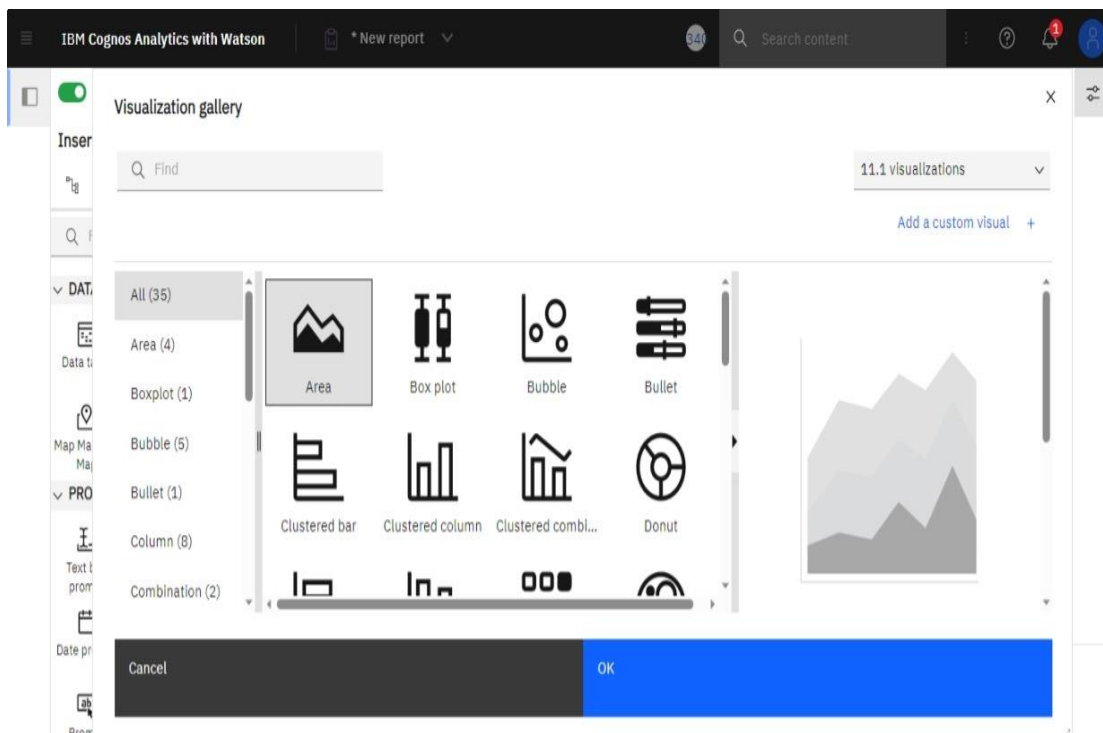
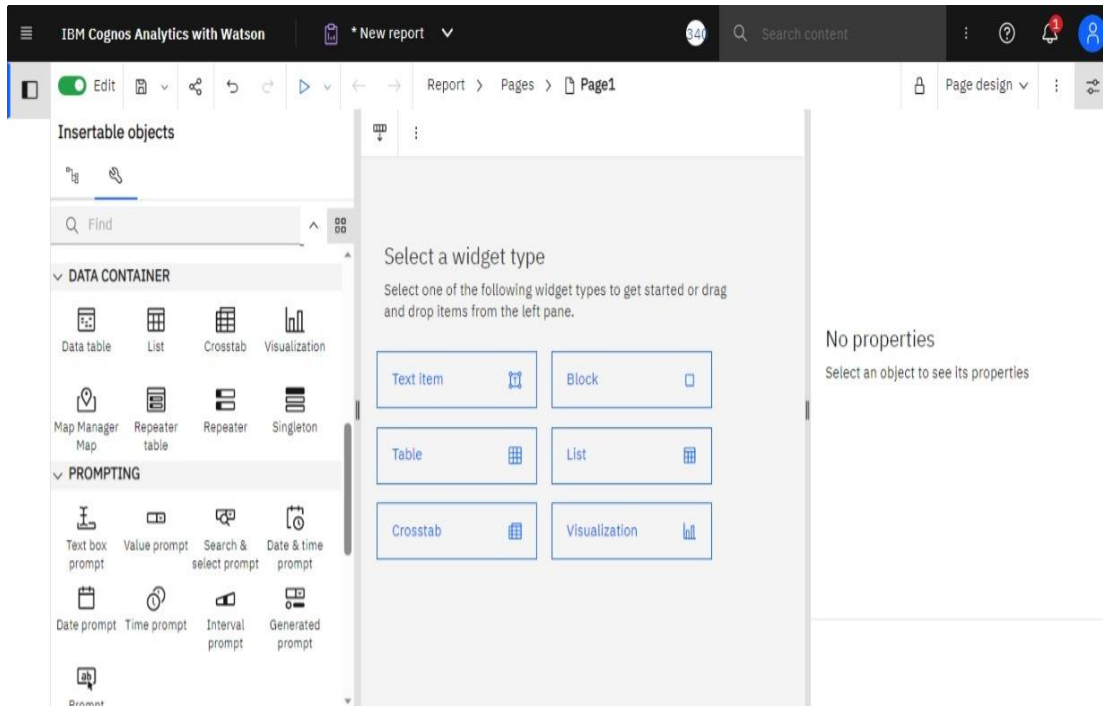


STEP:15 After creating dashboards then save it,Then create Report
New->Report and select source->My content-> then click OK.



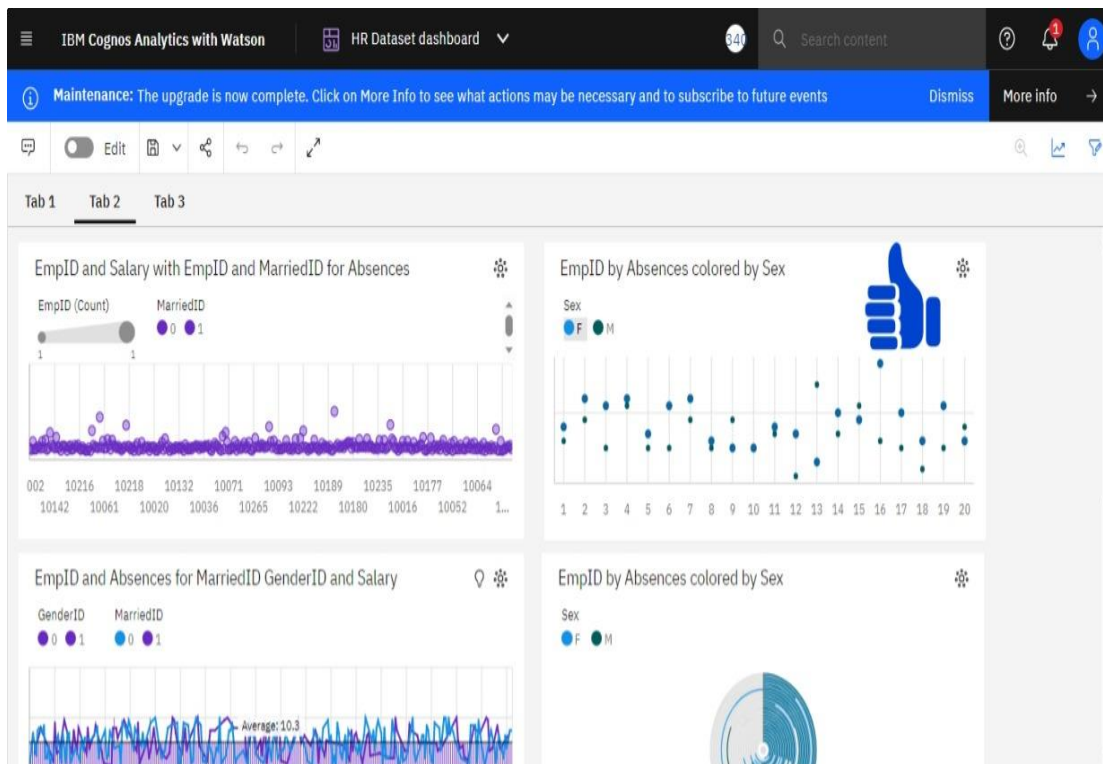
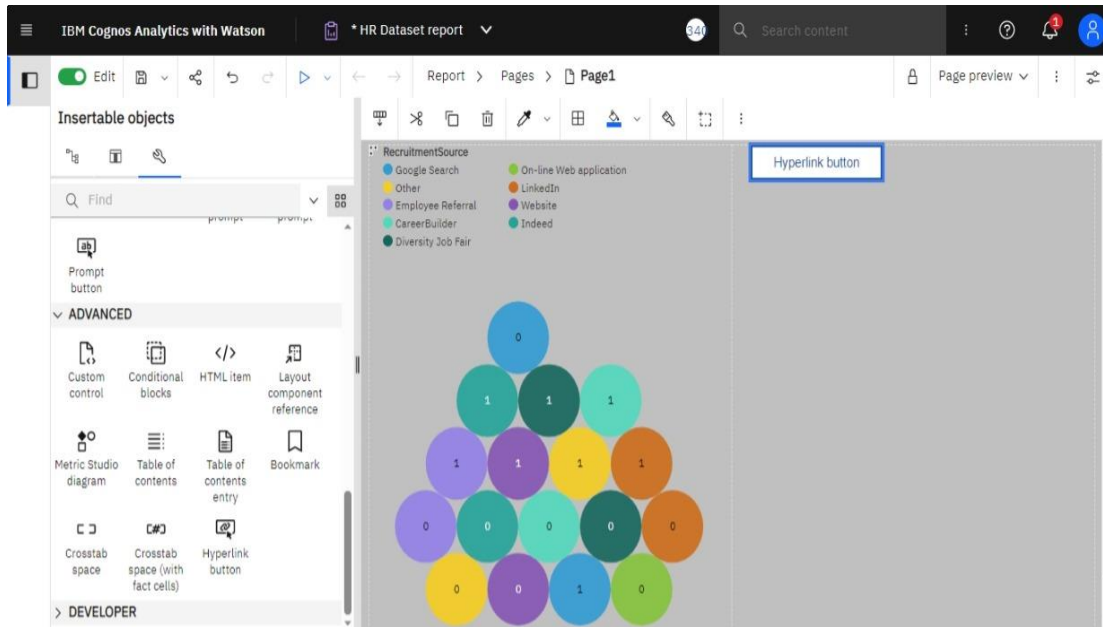
STEP:16

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

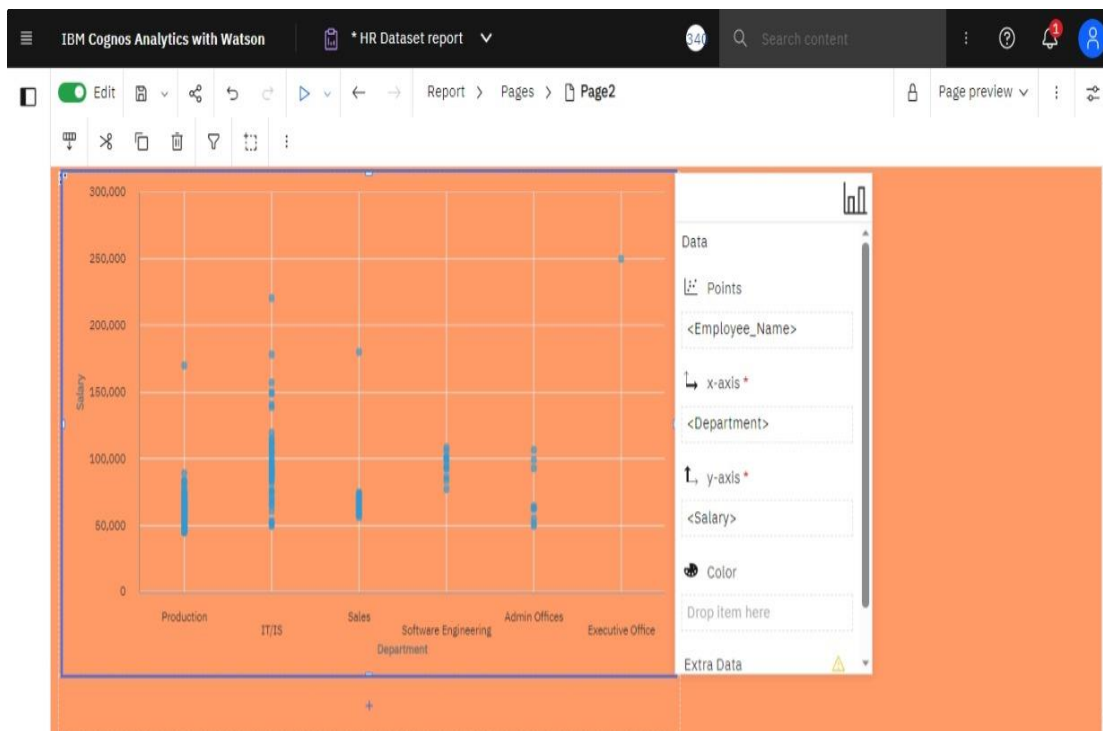
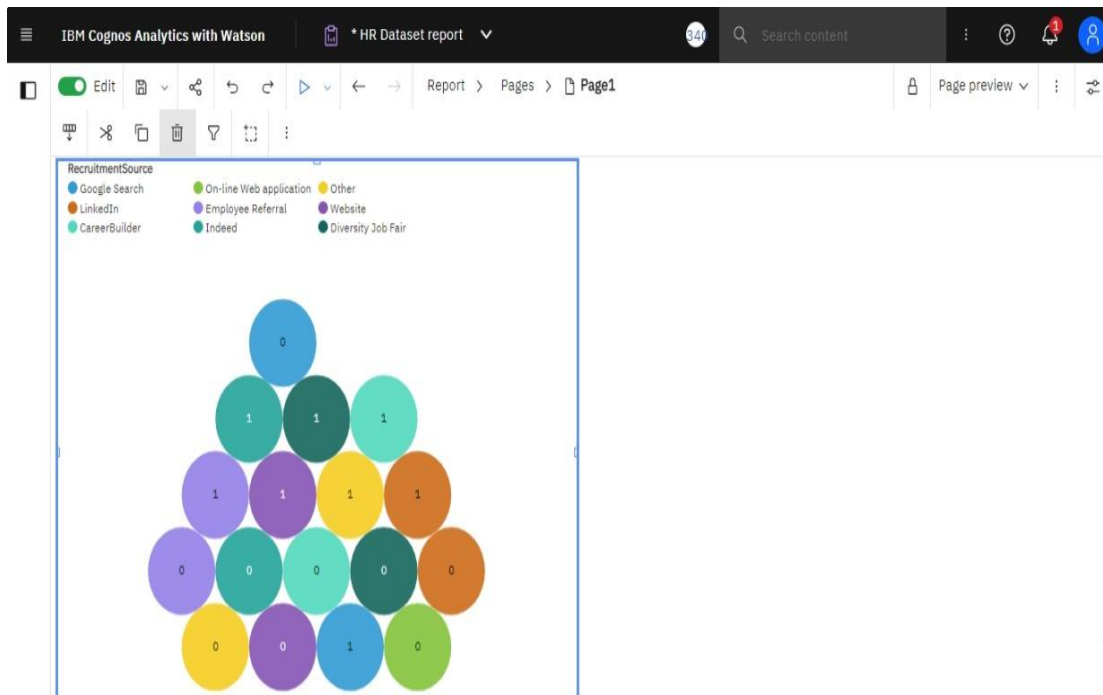


STEP:17

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

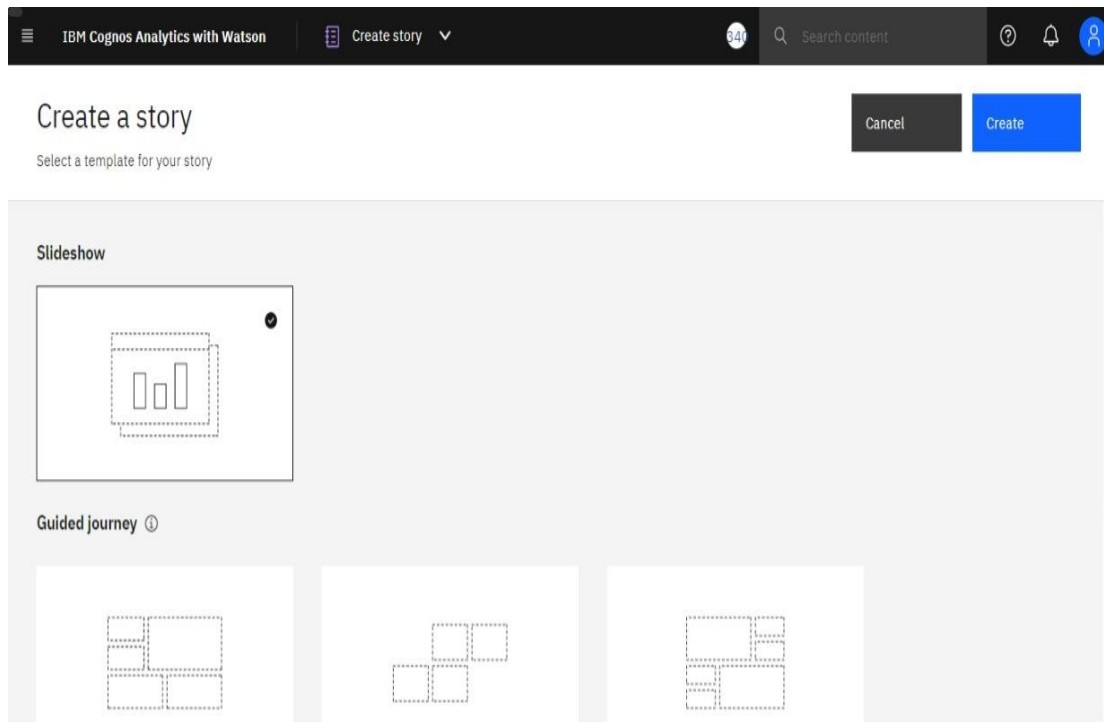


STEP:18 Now you can create Pages like below-



STEP:19

Then create 1 or 2 story.



STEP:20

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

