

# Assignment-2

**Reg no. :** 21BCB7052

**Name :** B Manoj Sai

**Course :** IBM Cognos Data Analytics

## Data Module

Deleting Unwanted column and rows

Deleting Martialstatusid

The screenshot shows the IBM Cognos Data Analytics interface. On the left, the 'Data module' pane lists various fields including MaritalStatusID, GenderID, EmpStatusID, DeptID, PerfScoreID, FromDiversityJobFairID, Salary, TermID, PositionID, Position, State, Zip, and DOB. The 'Grid' tab is selected, displaying a table with columns: Employee\_Name, EmpID, MarriedID, MaritalStatusID, GenderID, and EmpStatusID. The 'MaritalStatusID' column is highlighted, and a context menu is open over it, showing options like '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 selected.

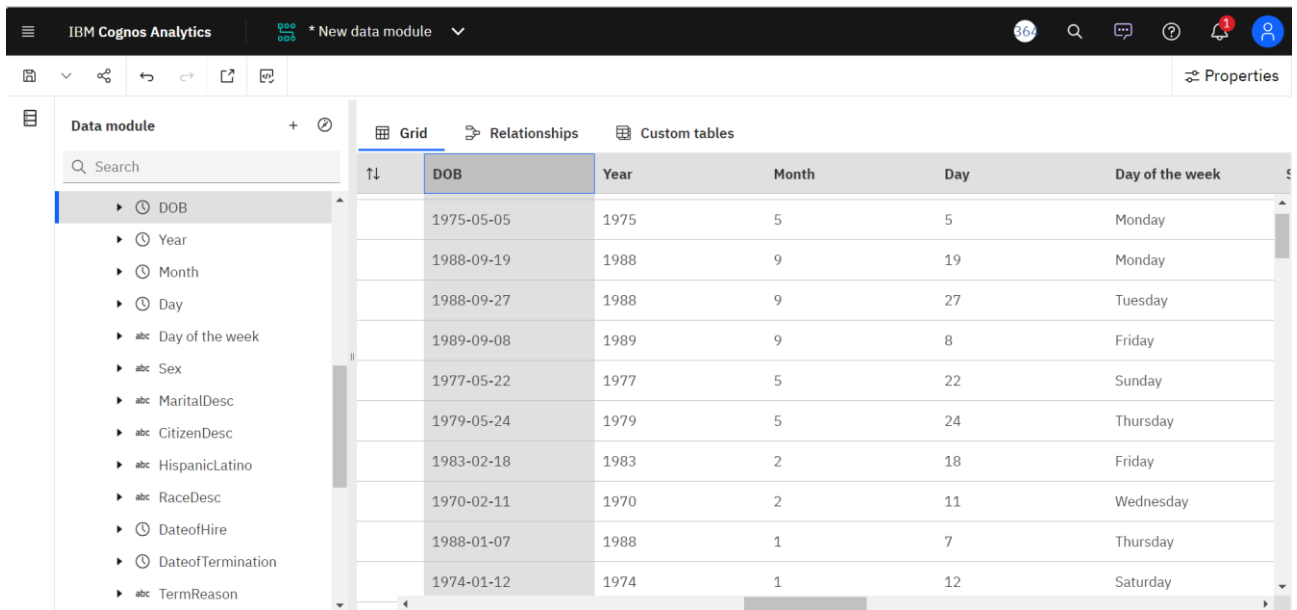
Employee_Name	EmpID	MarriedID	MaritalStatusID	GenderID	EmpStatusID
Adinolfi, Wilson K	10026	0	0	1	1
Ait Sidi, Karthikeyan	10084	1	1	5	5
Akinkuolie, Sarah	10196	1	1	5	5
Alagbe, Trina	10088	1	1	1	1
Anderson, Carol	10069	0	2	5	5
Anderson, Linda	10002	0	0	1	1
Andreola, Colby	10194	0	0	1	1
Athwal, Sam	10062	0	4	1	1
Bachiochi, Linda	10114	0	0	3	3
Bacong, Alejandro	10250	0	2	1	1

Deleting Prefscoreid

The screenshot shows the IBM Cognos Data Analytics interface. On the left, the 'Data module' pane lists various fields including PerfScoreID, FromDiversityJobFairID, Salary, TermID, PositionID, Position, State, Zip, DOB, Sex, MaritalDesc, CitizenDesc, and HispanicLatino. The 'Grid' tab is selected, displaying a table with columns: GenderID, EmpStatusID, DeptID, PerfScoreID, and FromDiversityJobFairID. The 'PerfScoreID' column is highlighted, and a context menu is open over it, showing options like '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 selected.

GenderID	EmpStatusID	DeptID	PerfScoreID	FromDiversityJobFairID
1	1	5	4	1
1	5	3	3	1
0	5	5	3	1
0	1	5	3	1
0	5	5	3	1
0	1	5	4	1
0	1	4	3	1
1	1	5	3	1
0	3	5	3	1
1	1	3	3	0

## Splitting DOB into Year, Month, Date



IBM Cognos Analytics

\* New data module

36°

Properties

Data module

Grid Relationships Custom tables

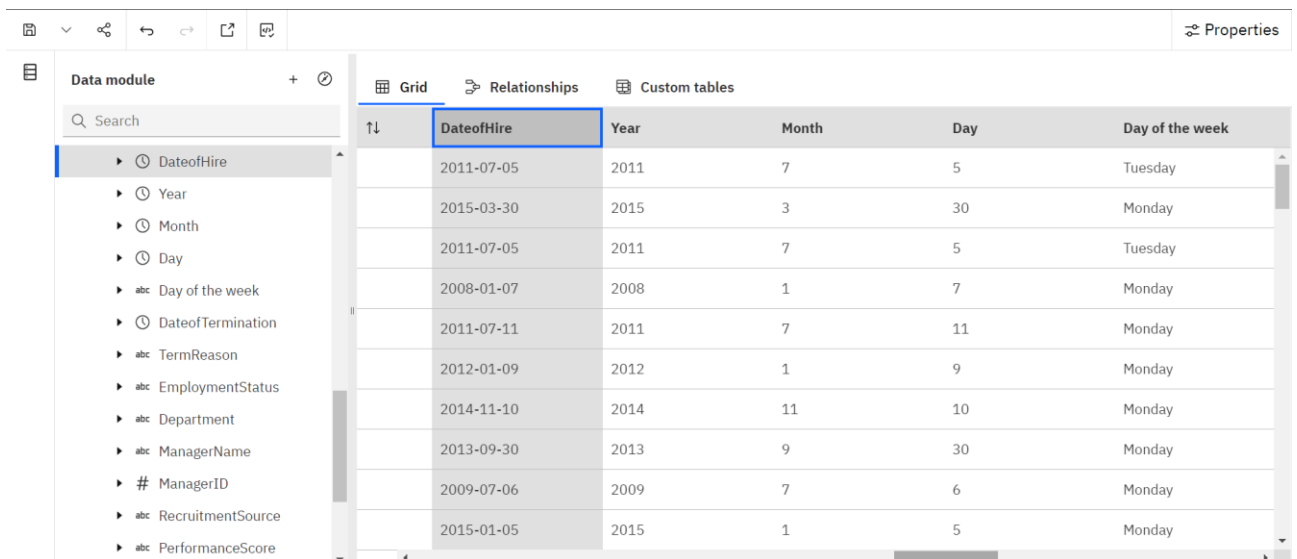
Search

DOB

Year Month Day Day of the week

1975-05-05	1975	5	5	Monday
1988-09-19	1988	9	19	Monday
1988-09-27	1988	9	27	Tuesday
1989-09-08	1989	9	8	Friday
1977-05-22	1977	5	22	Sunday
1979-05-24	1979	5	24	Thursday
1983-02-18	1983	2	18	Friday
1970-02-11	1970	2	11	Wednesday
1988-01-07	1988	1	7	Thursday
1974-01-12	1974	1	12	Saturday

## Splitting Date of Hire



Properties

Data module

Grid Relationships Custom tables

Search

DateofHire

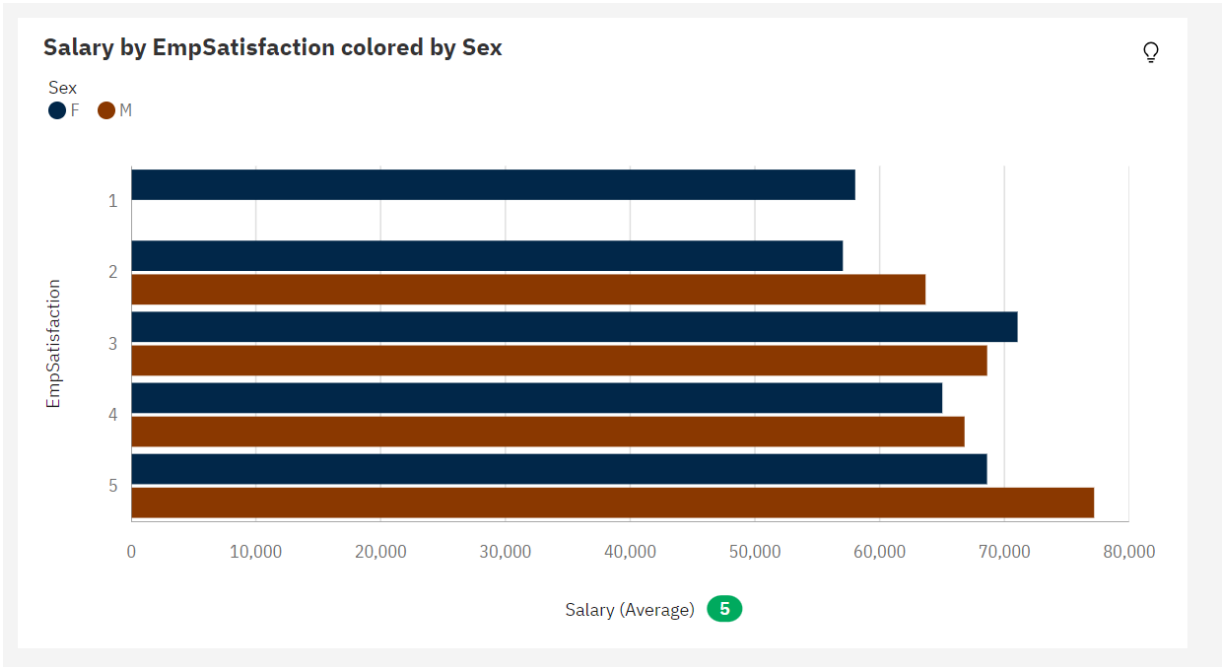
Year Month Day Day of the week

2011-07-05	2011	7	5	Tuesday
2015-03-30	2015	3	30	Monday
2011-07-05	2011	7	5	Tuesday
2008-01-07	2008	1	7	Monday
2011-07-11	2011	7	11	Monday
2012-01-09	2012	1	9	Monday
2014-11-10	2014	11	10	Monday
2013-09-30	2013	9	30	Monday
2009-07-06	2009	7	6	Monday
2015-01-05	2015	1	5	Monday

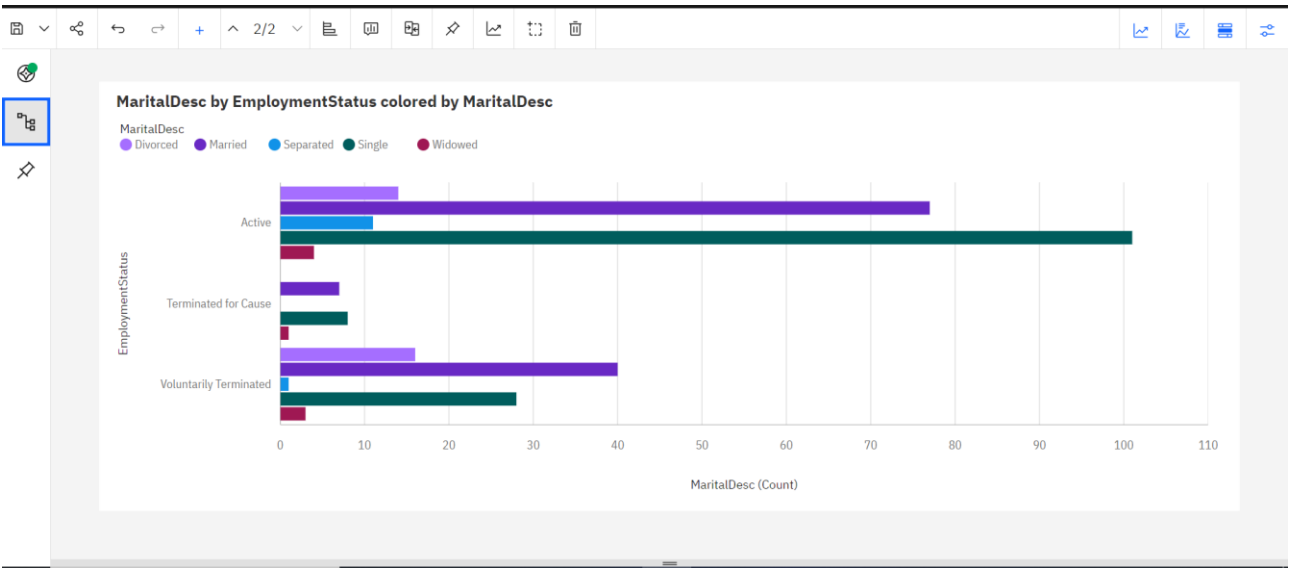
# Exploration

## Bar Chart

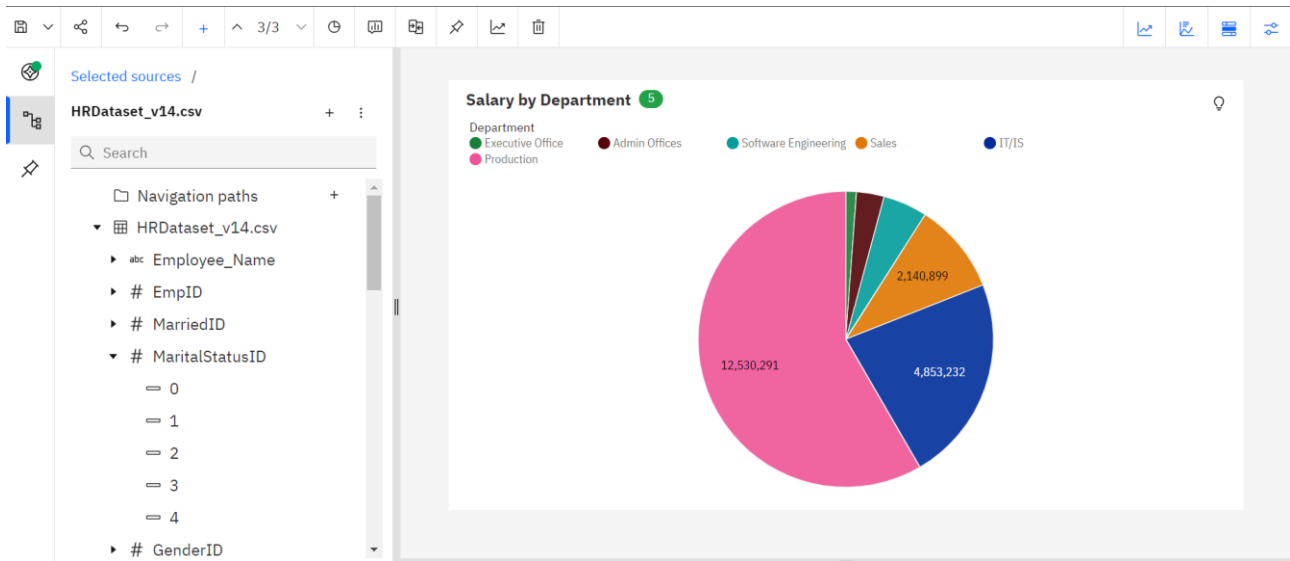
1.



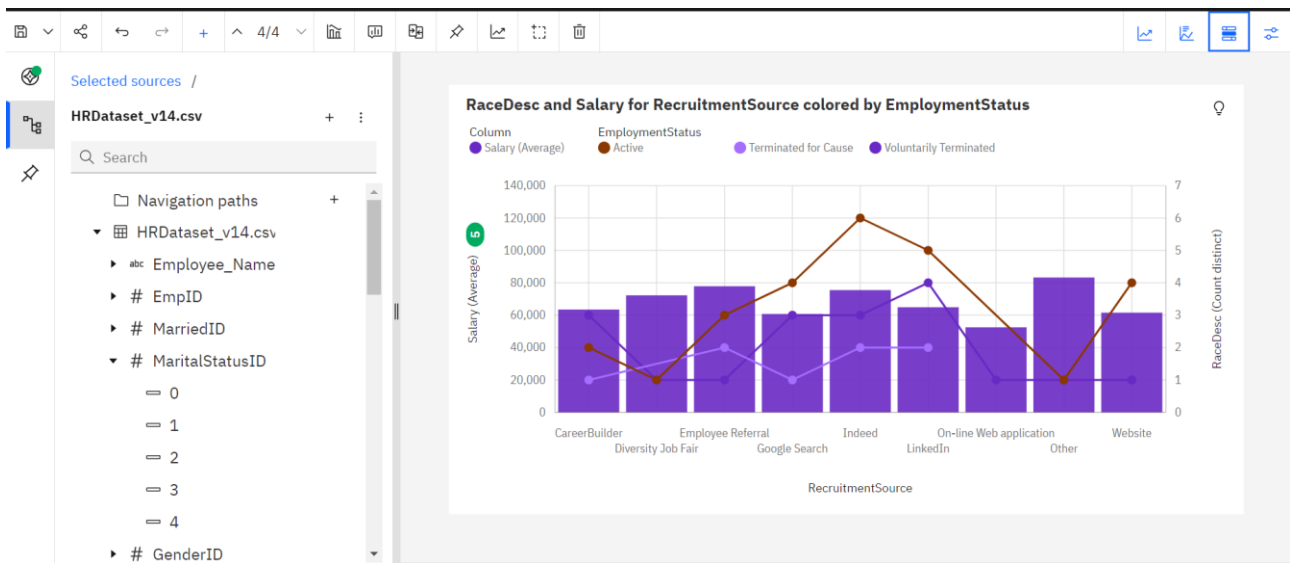
2.MaritalDesc by EmploymentStatus colored by MaritalDesc

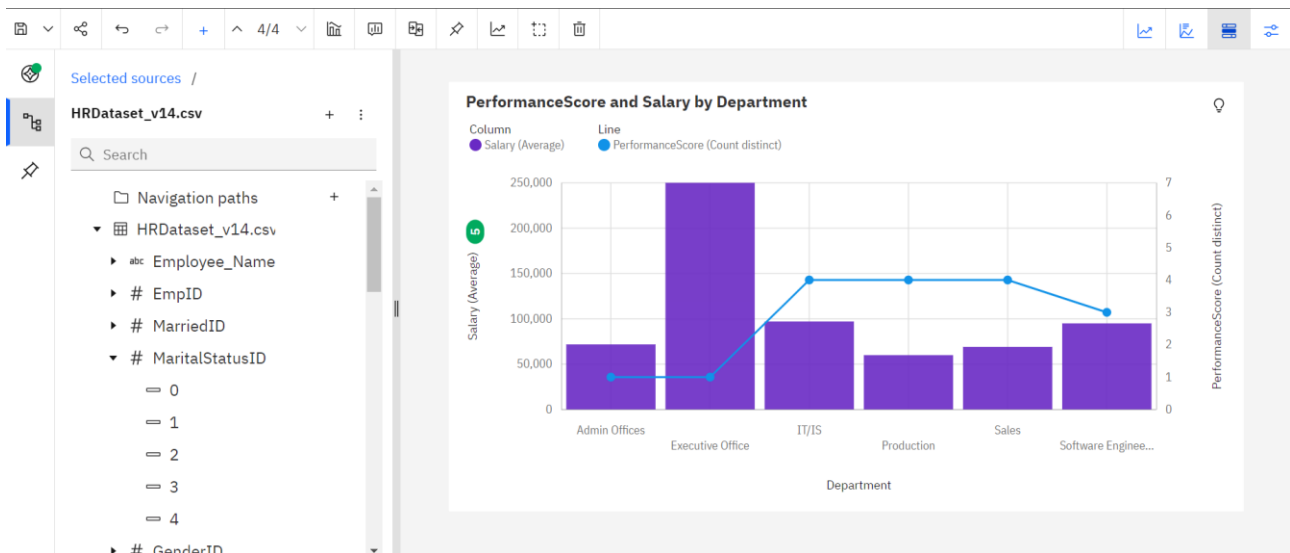


## Pie Chart

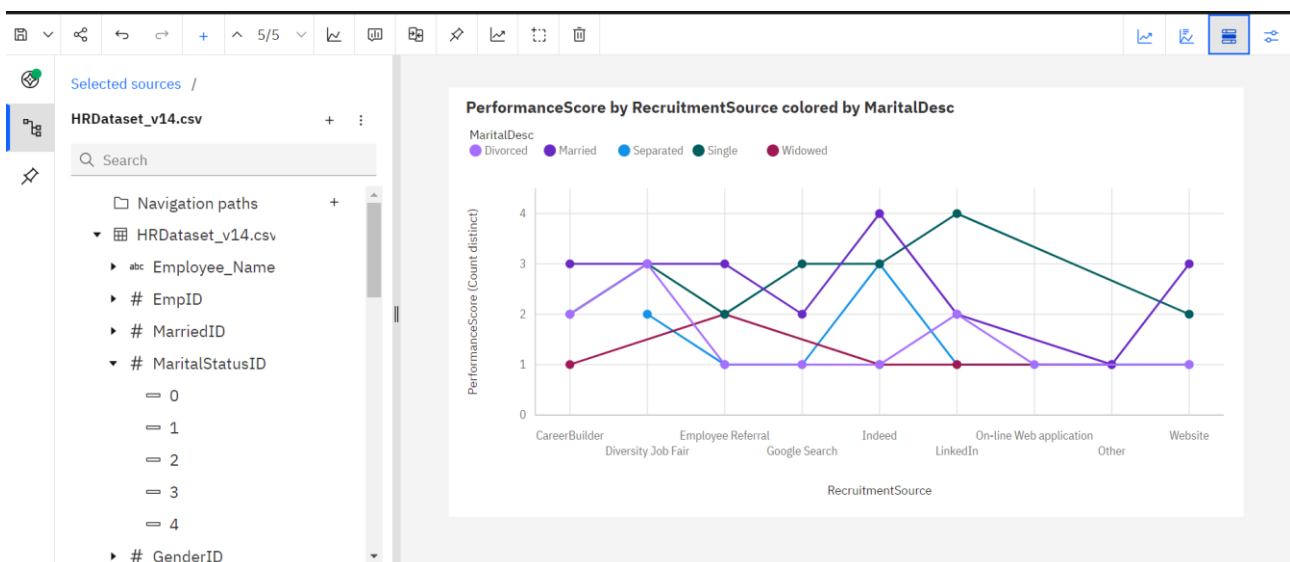


## Line and Column Chart

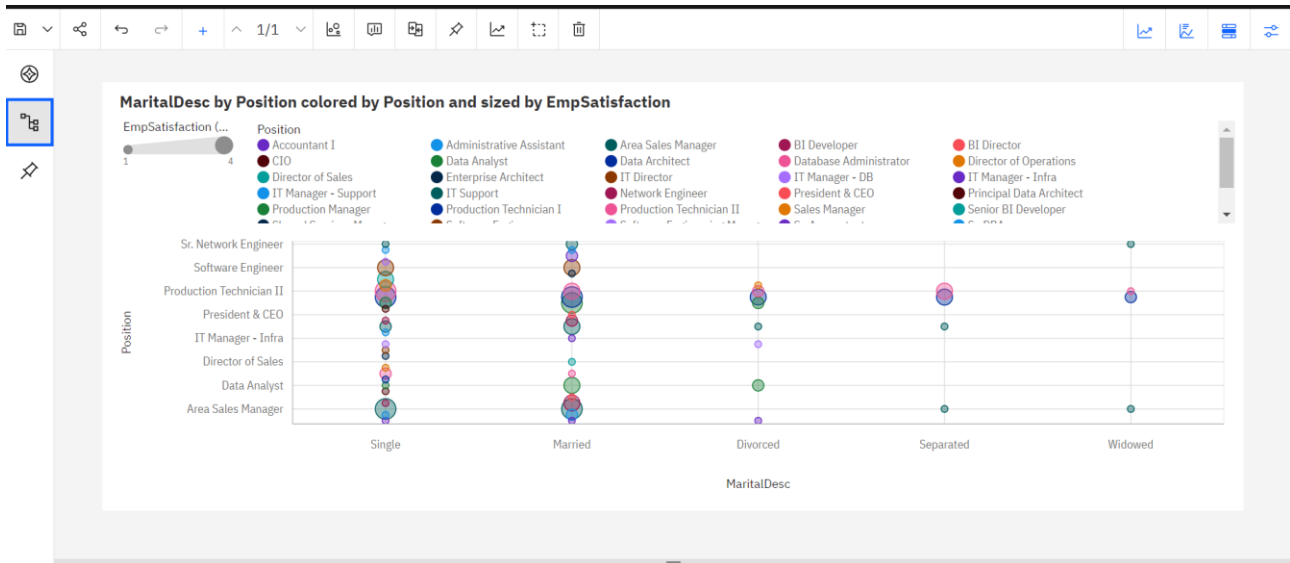




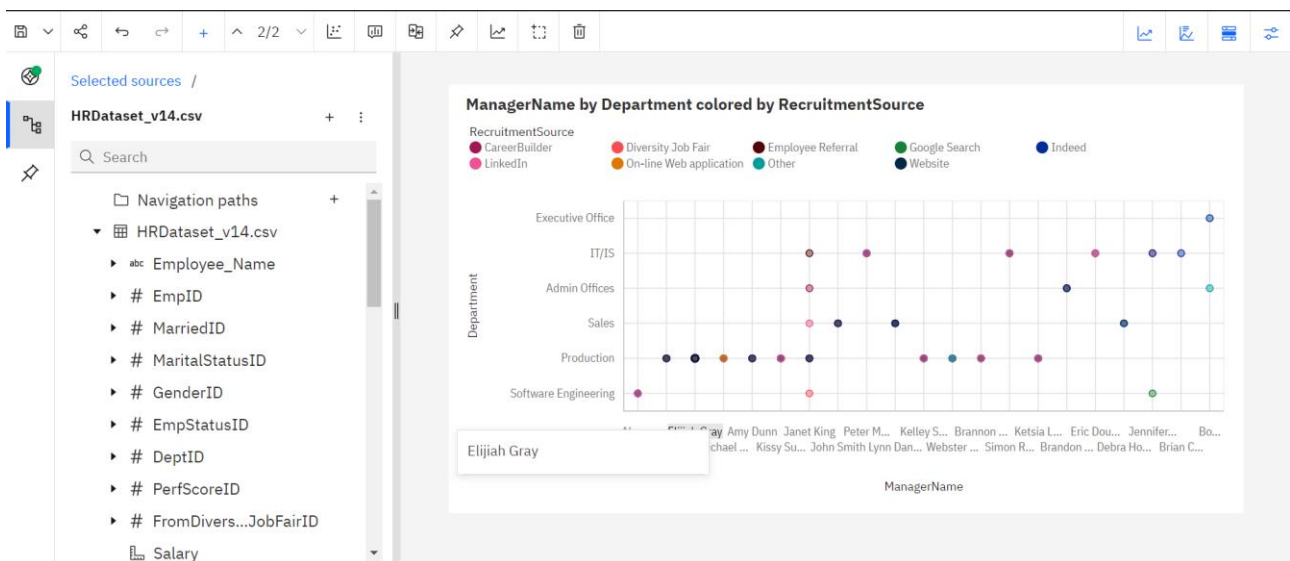
## Line Chart



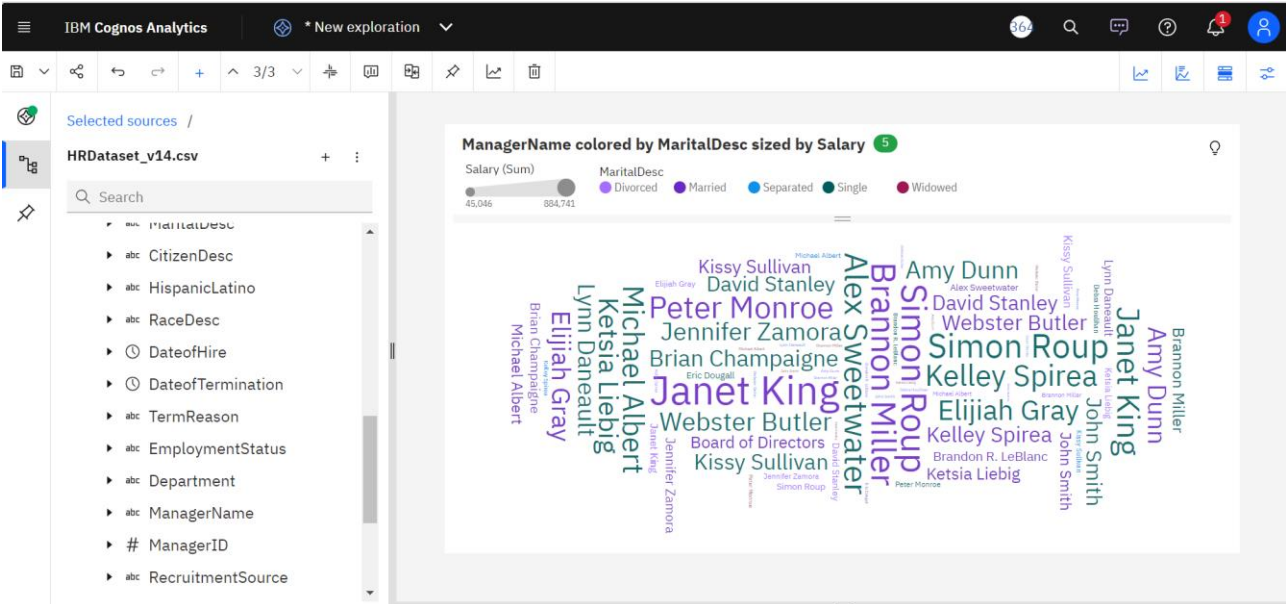
## Bubble Chart



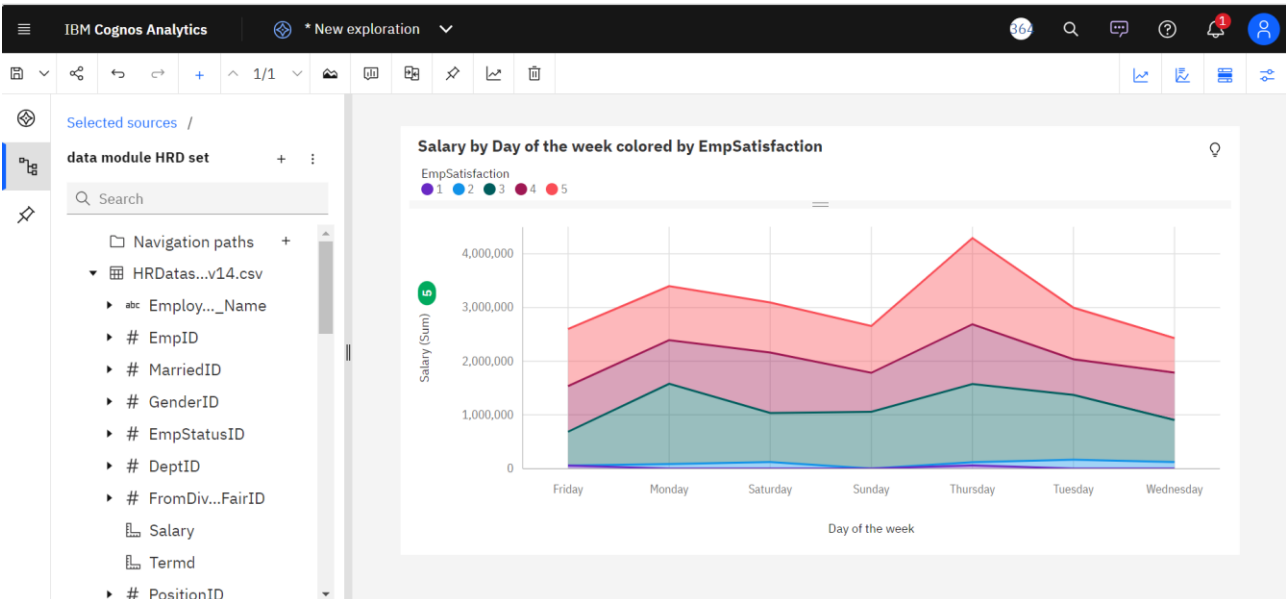
## Scatter Plot



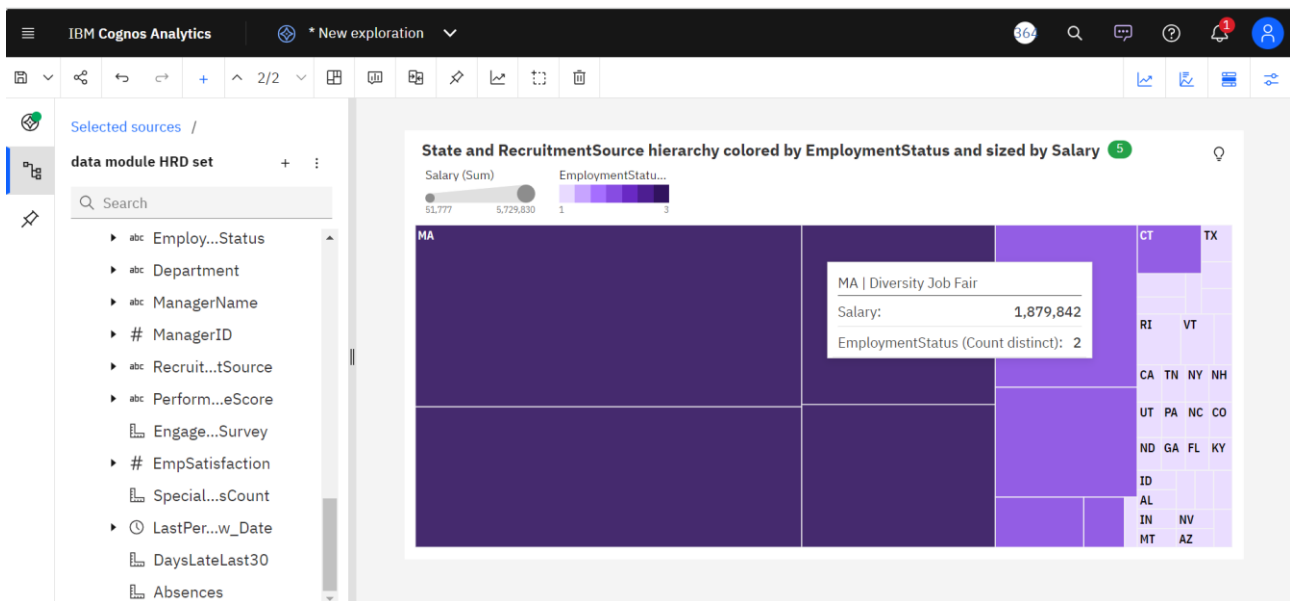
## Word Cloud



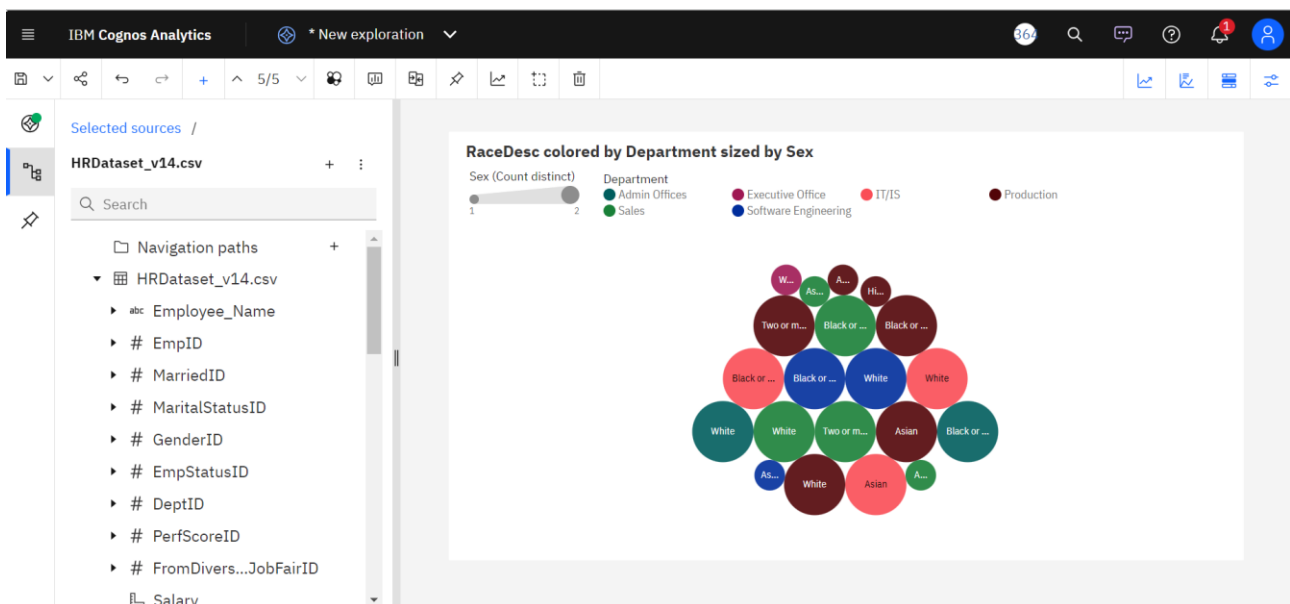
## Area chart



# Tree Map

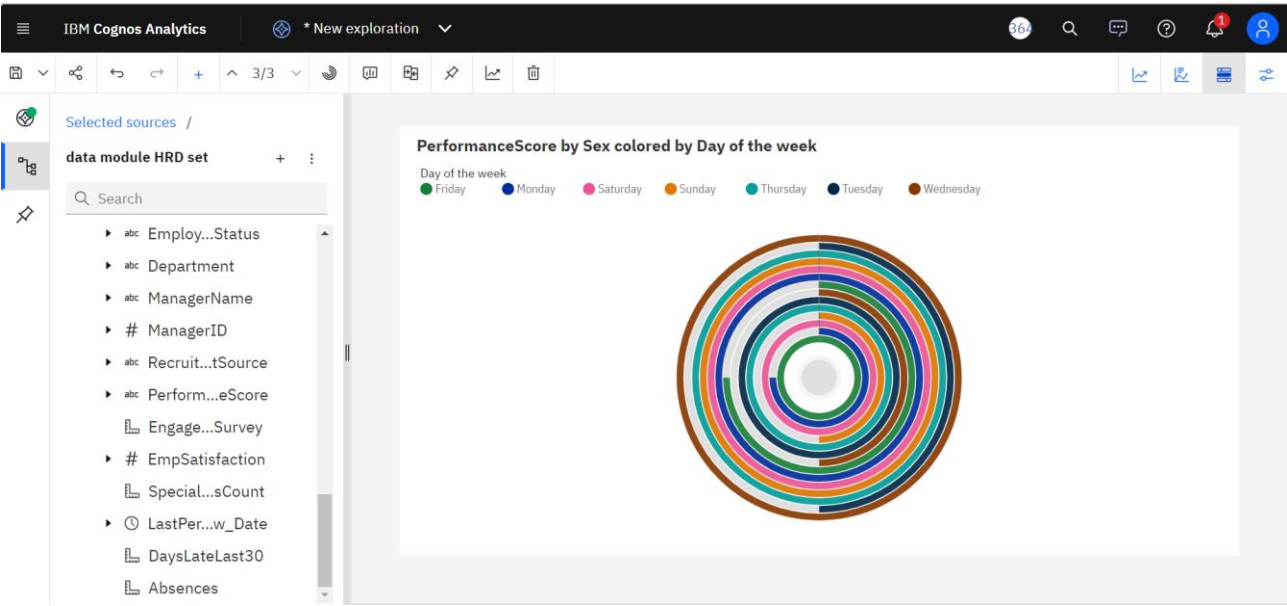


# Packed Bubble

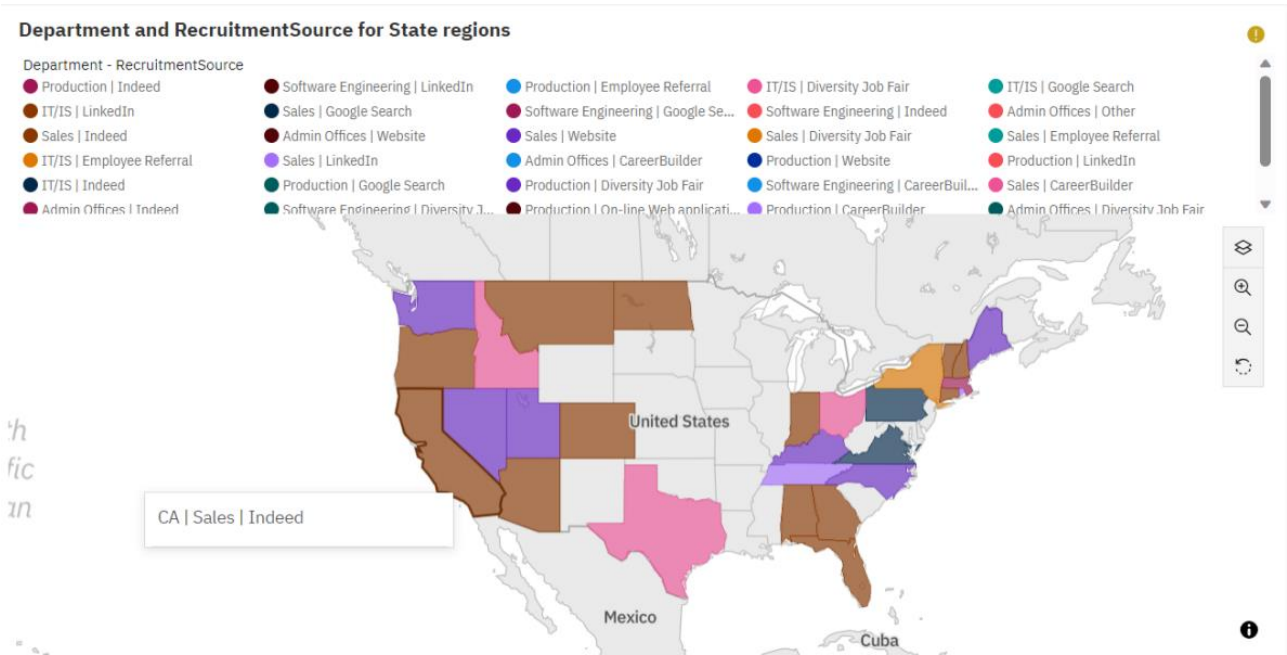




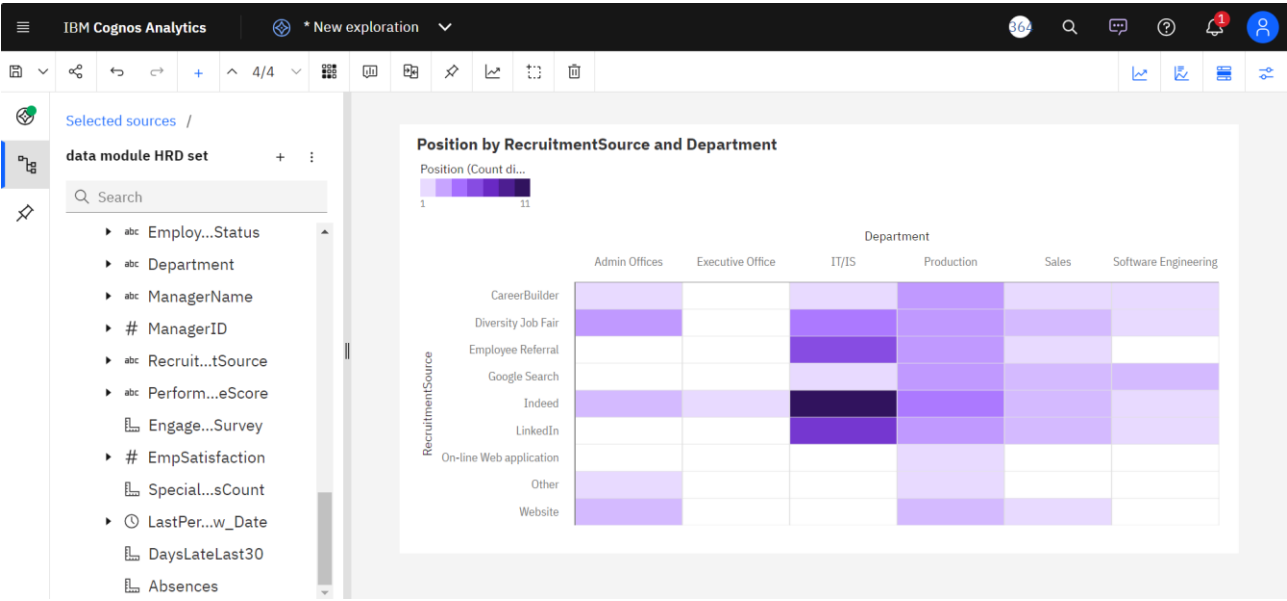
# Radial Chart



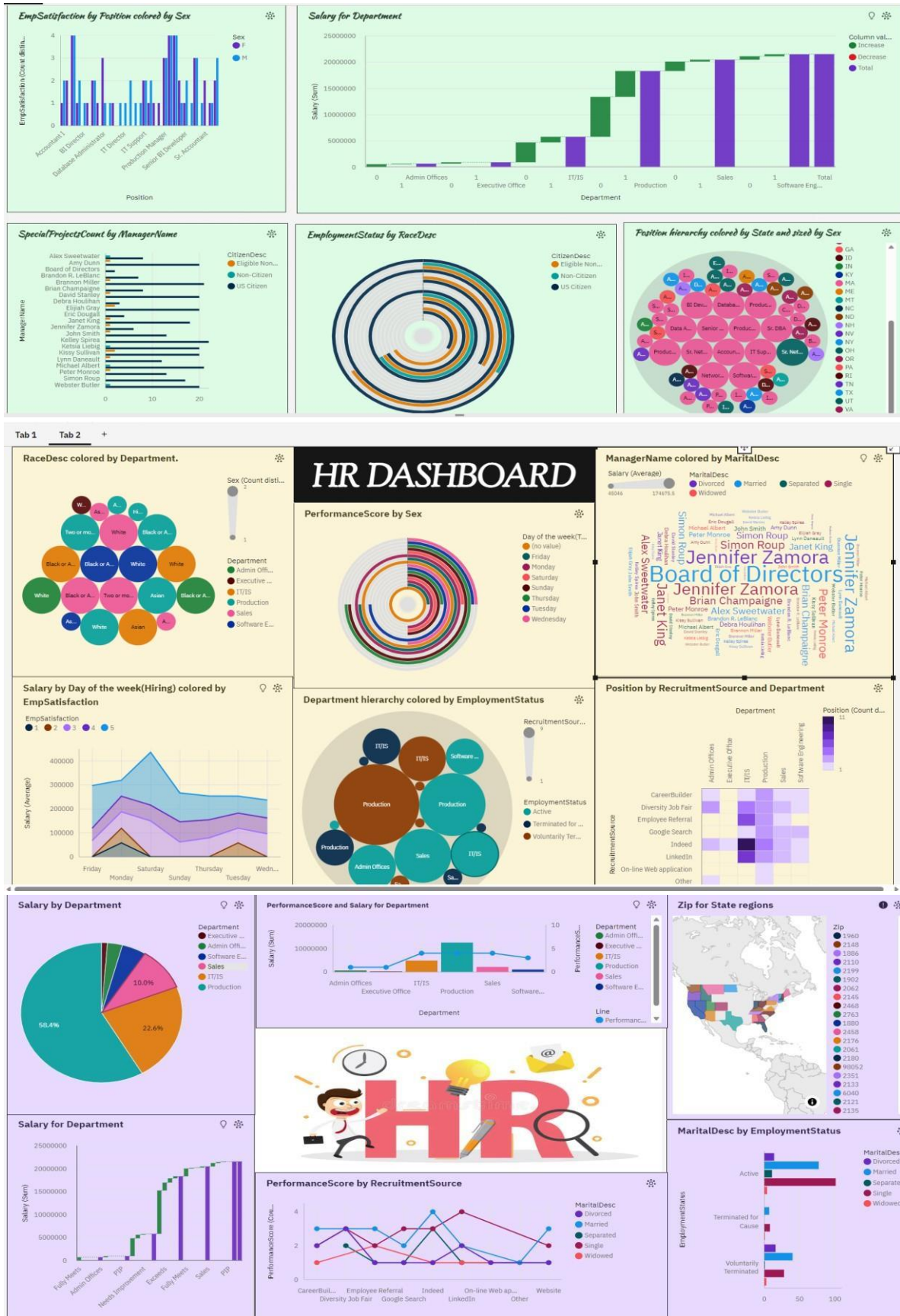
# Map Chart



# Heat Map



# Dashboards

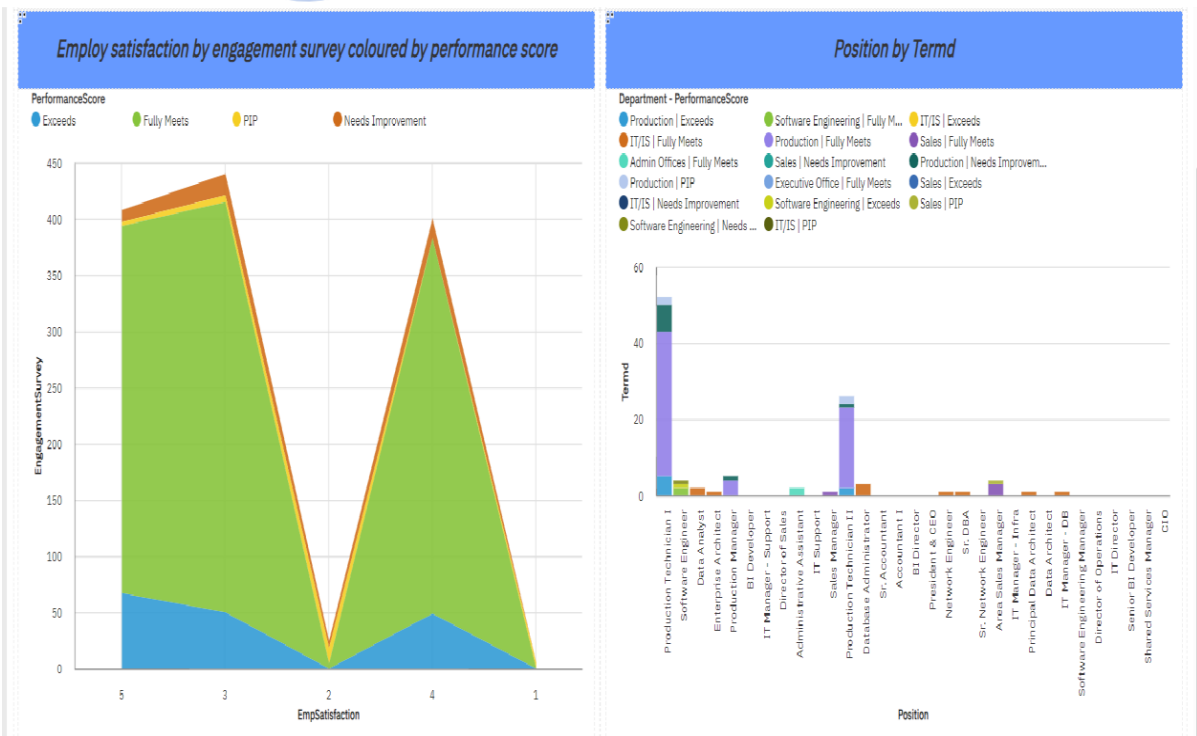
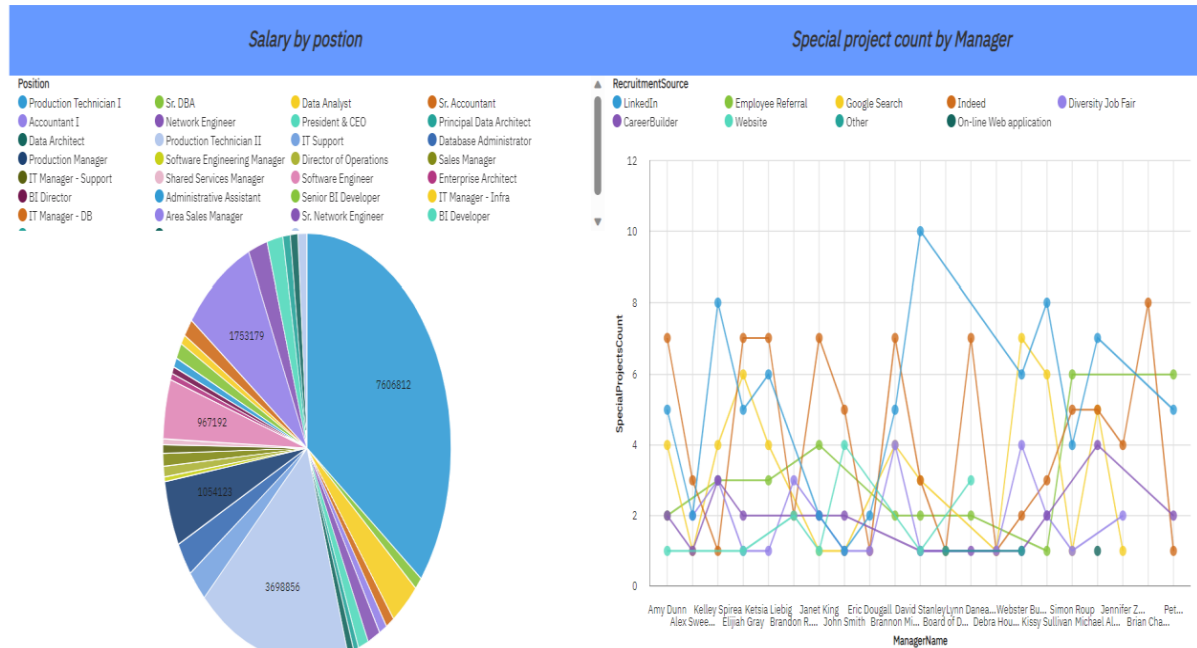


# Reports

Edit

Filter

## HR REPORT

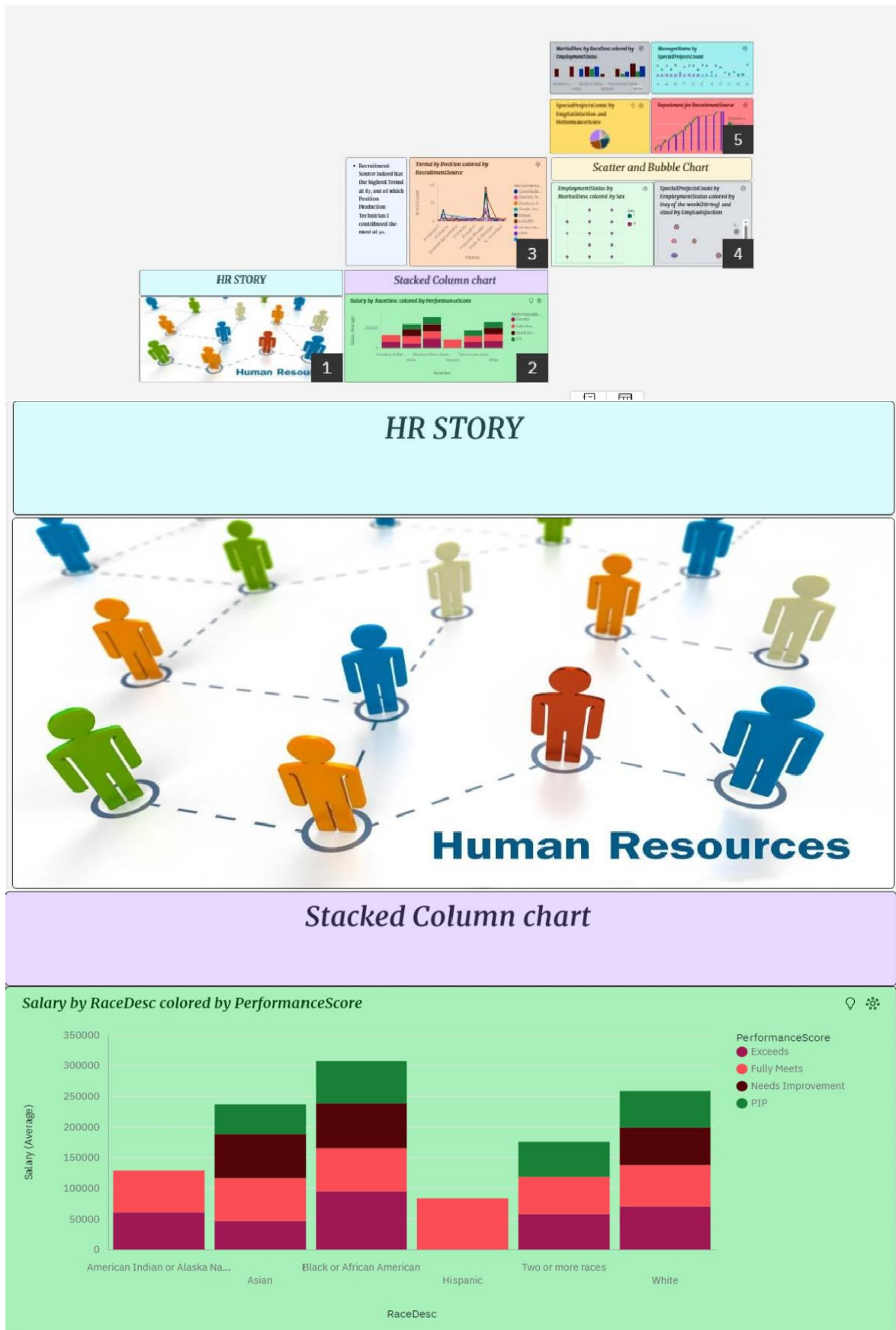


Stories



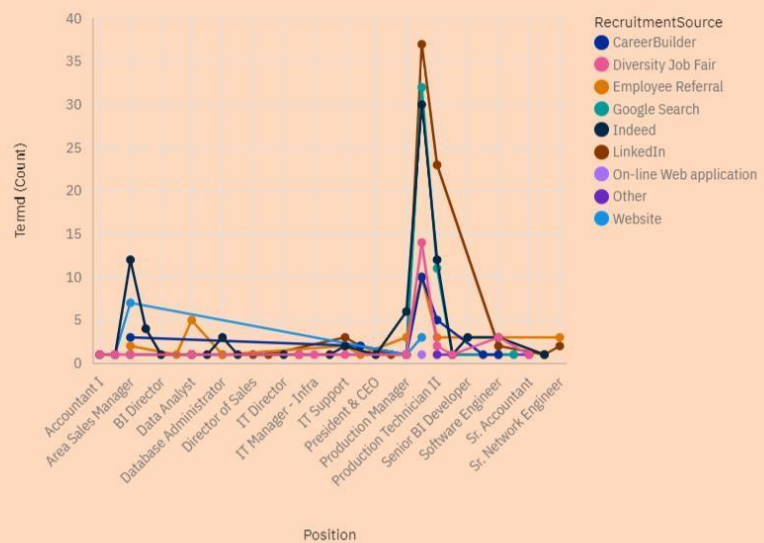


# Story



- Recruitment Source Indeed has the highest Termd at 87, out of which Position Production Technician I contributed the most at 30.

Termd by Position colored by RecruitmentSource



## Scatter and Bubble Chart

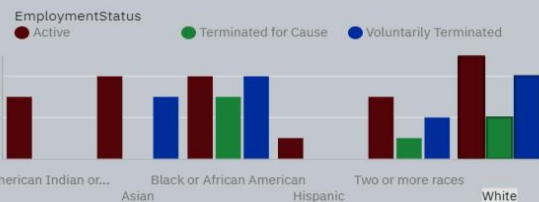
EmploymentStatus by MaritalDesc colored by Sex



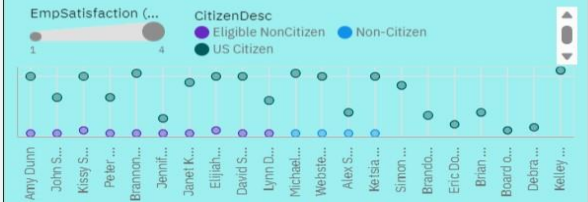
SpecialProjectsCount by EmploymentStatus colored by Day of the week(Hiring) and sized by EmpSatisfaction



MaritalDesc by RaceDesc colored by EmploymentStatus



ManagerName by SpecialProjectsCount



SpecialProjectsCount by EmpSatisfaction and PerformanceScore



Department for RecruitmentSource

