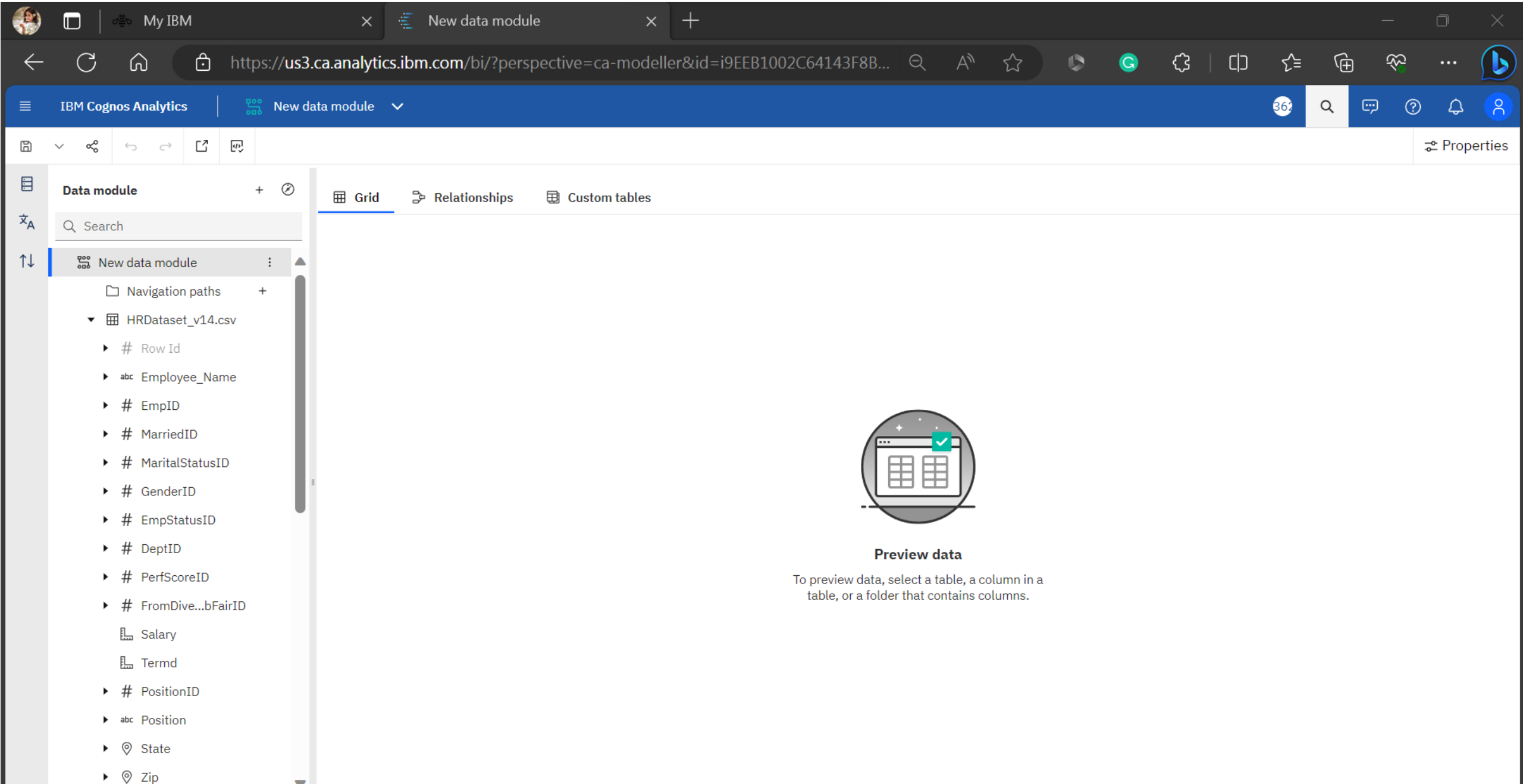
NM ASSIGNMENT 2

Done By Samuel Solomon

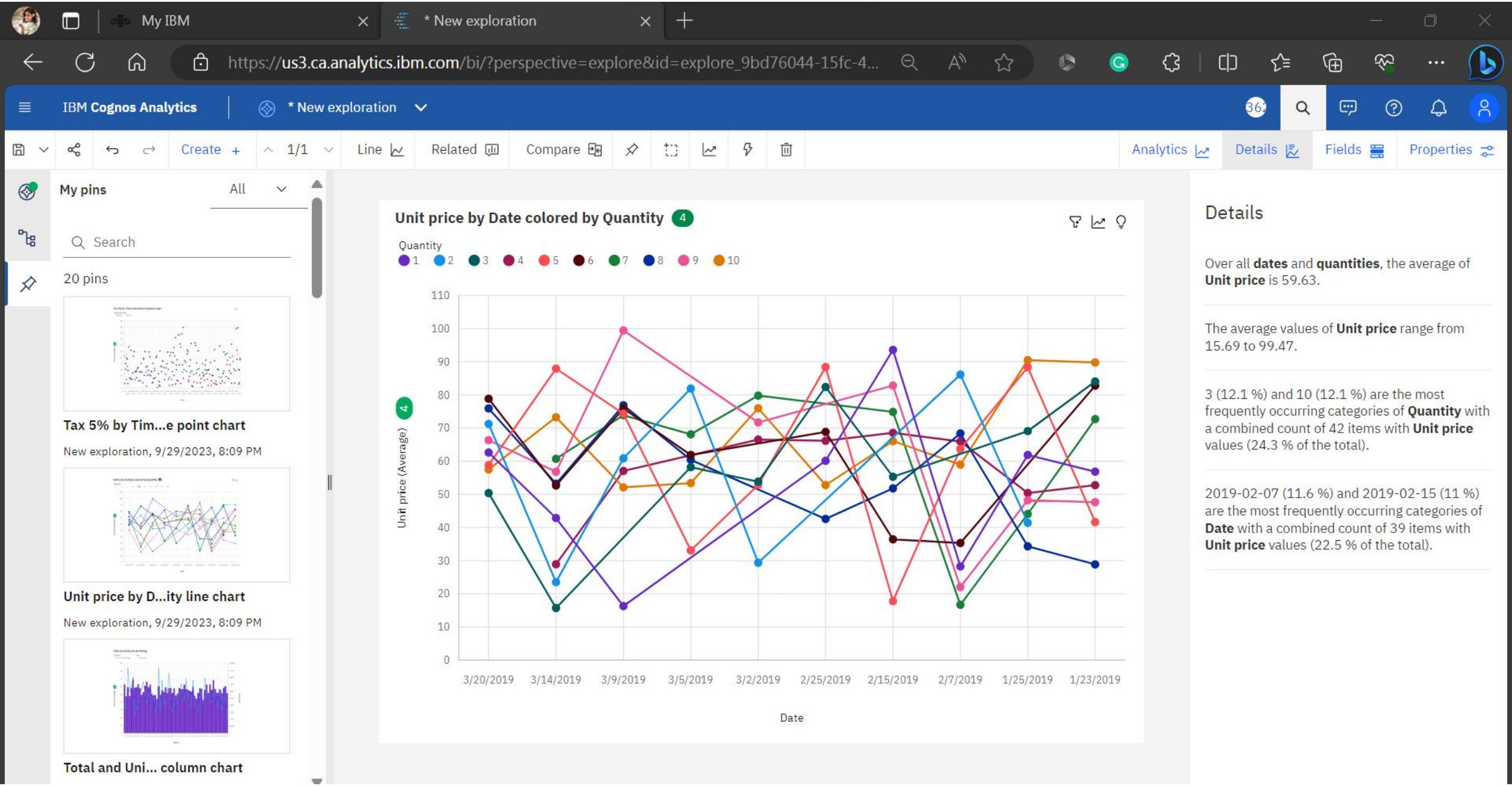
TEAM ID : NM2023TMID07102

Data Set Link: Human Resources Data Set (kaggle.com)

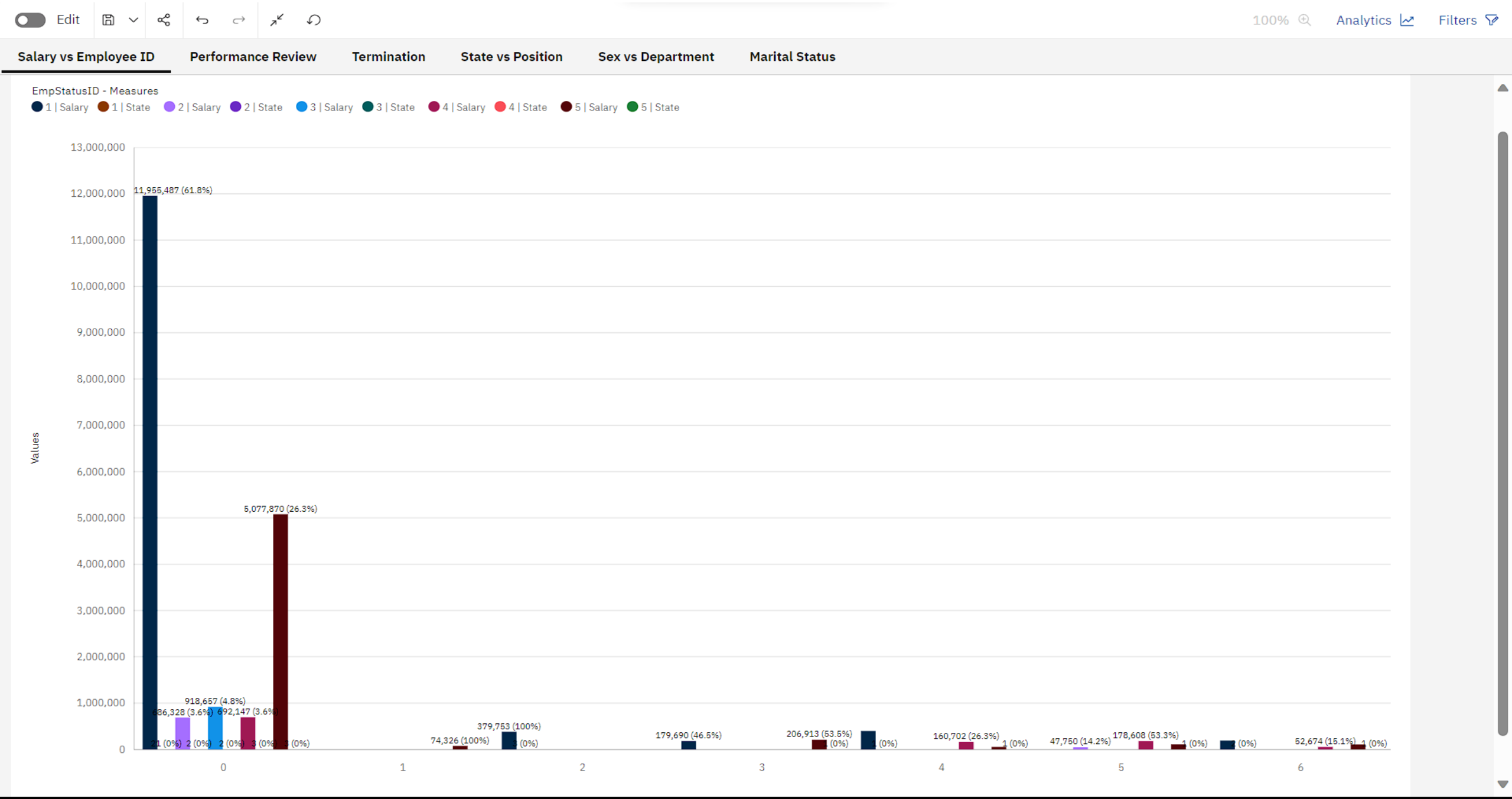
Step 1 : Create a new data module from the uploaded CSV file for visualizing data.



Step 2 : Using data module , create more explorations and pin it.



Step 3 : Using the pins, create Dashboard

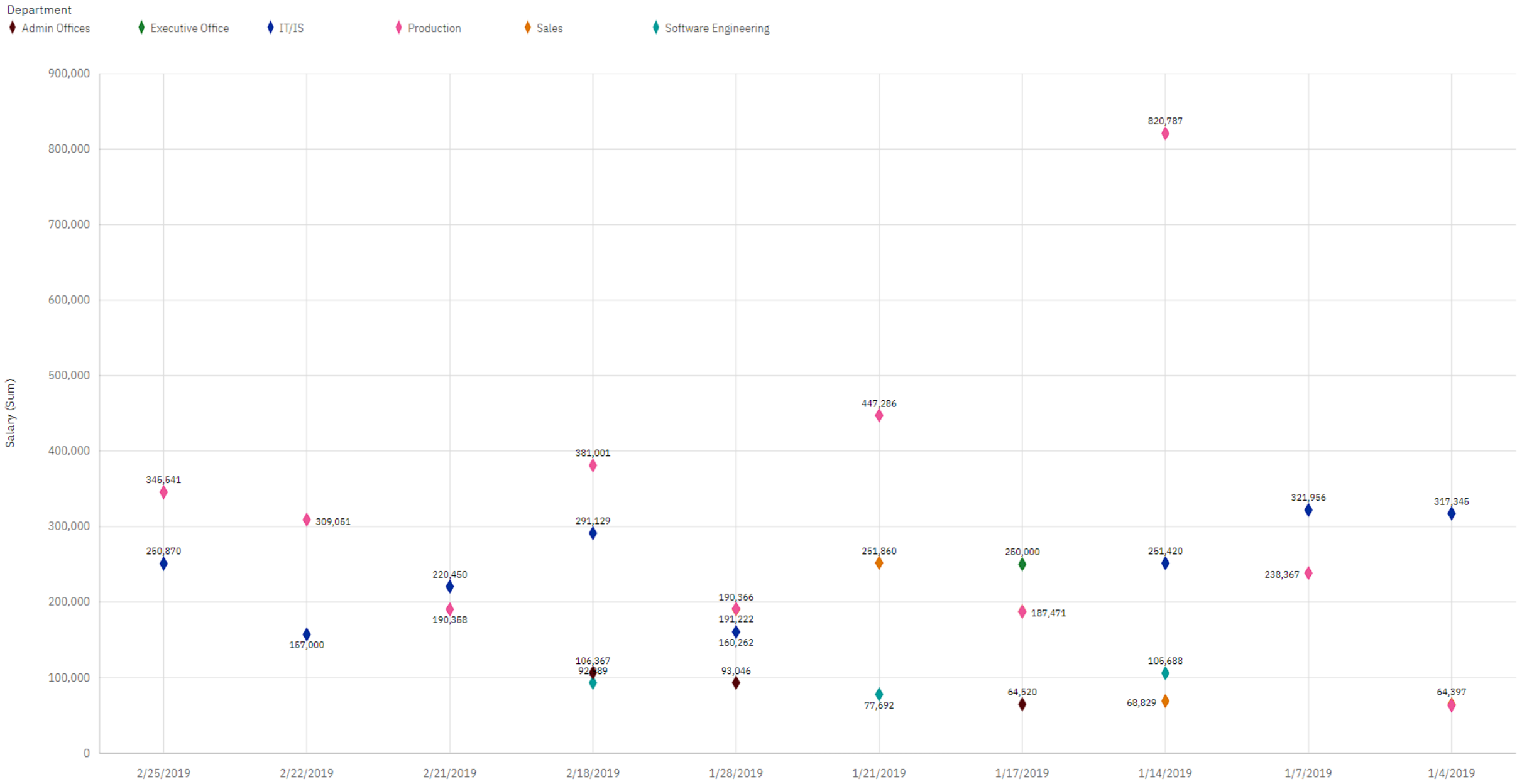


Edit

100% Analytics Filters

Salary vs Employee ID | Performance Review | Termination | State vs Position | Sex vs Department | Marital Status

Salary by LastPerformanceReview_Date colored by Department



Edit

100% Analytics Filters

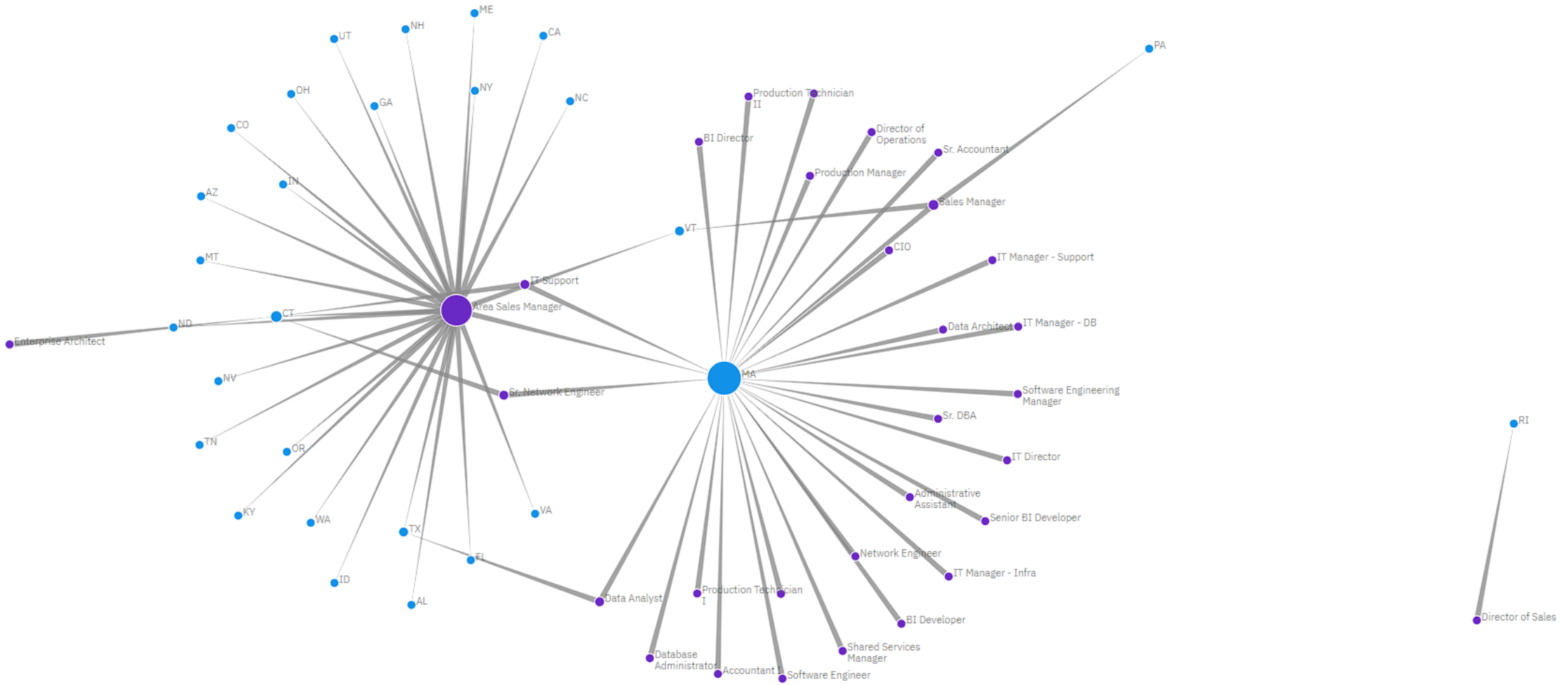
Salary vs Employee ID | Performance Review | Termination | State vs Position | Sex vs Department | Marital Status

Salary by DateofTermination colored by MaritalStatusID

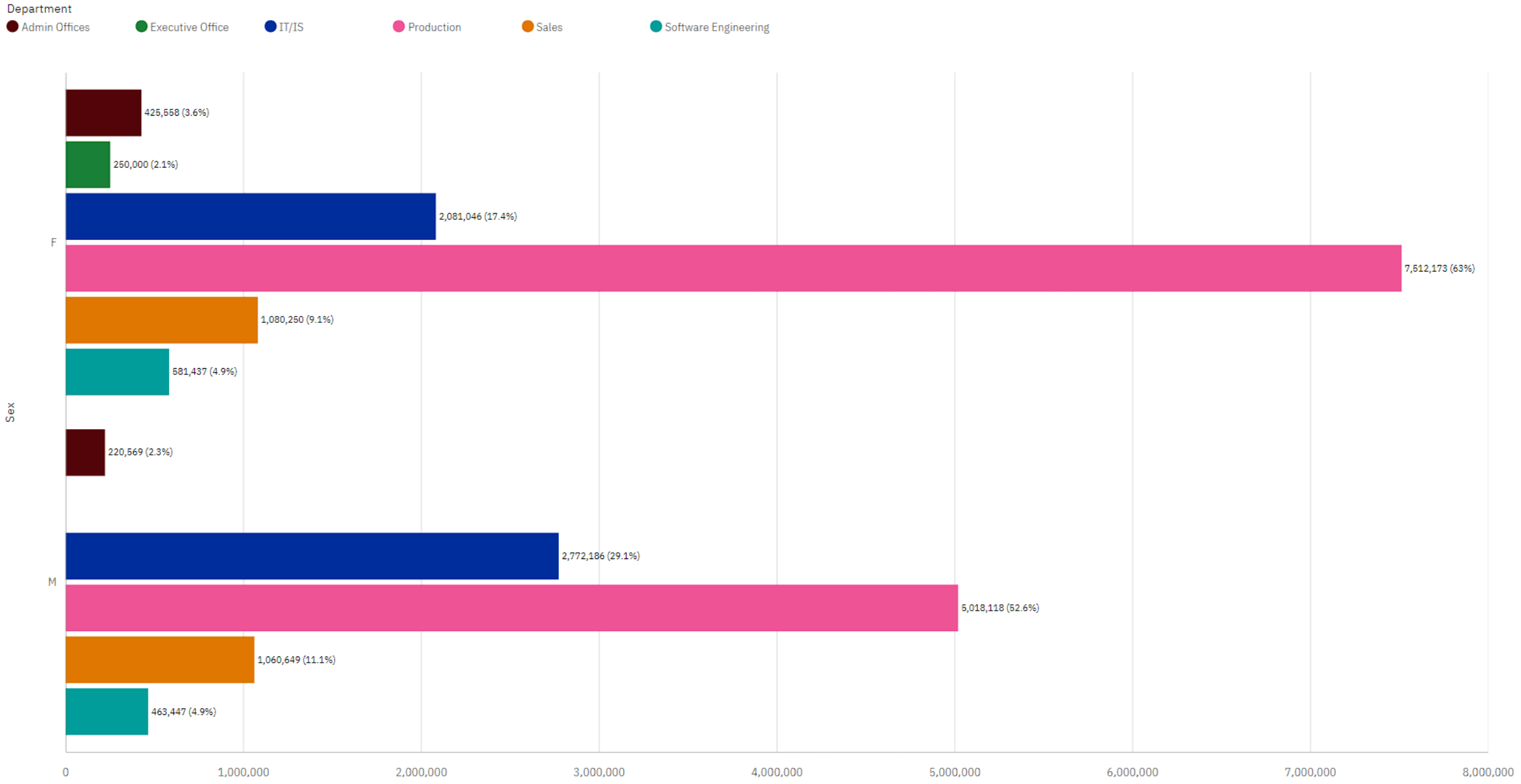
MaritalStatusID
0 1 2 3 4

Position to State

From
Position
To
State



Salary by Sex colored by Department

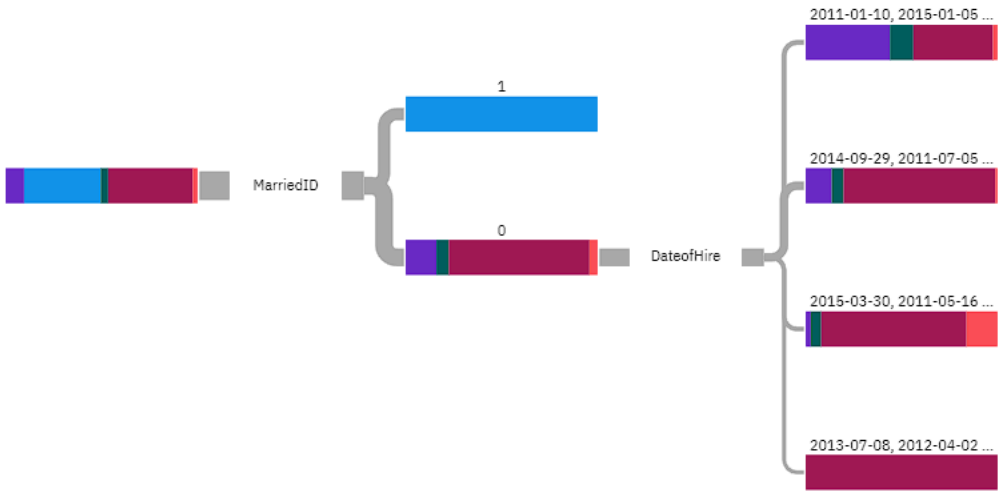


MaritalDesc

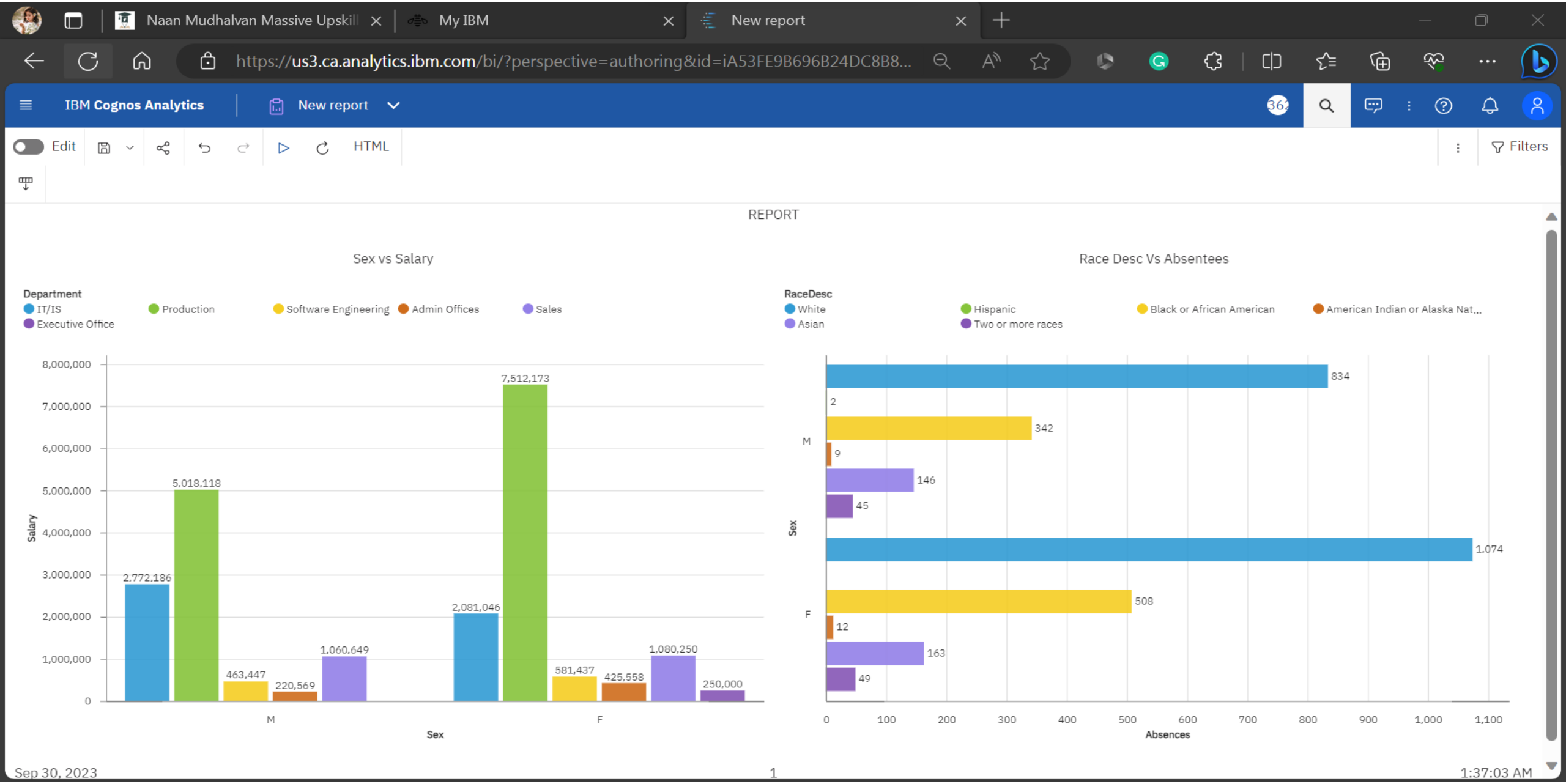
Nodes
All

Target category
Divorced

MaritalDesc
Divorced Married Separated Single Widowed



Step 4 : After done with that dashboard, Now create a report.

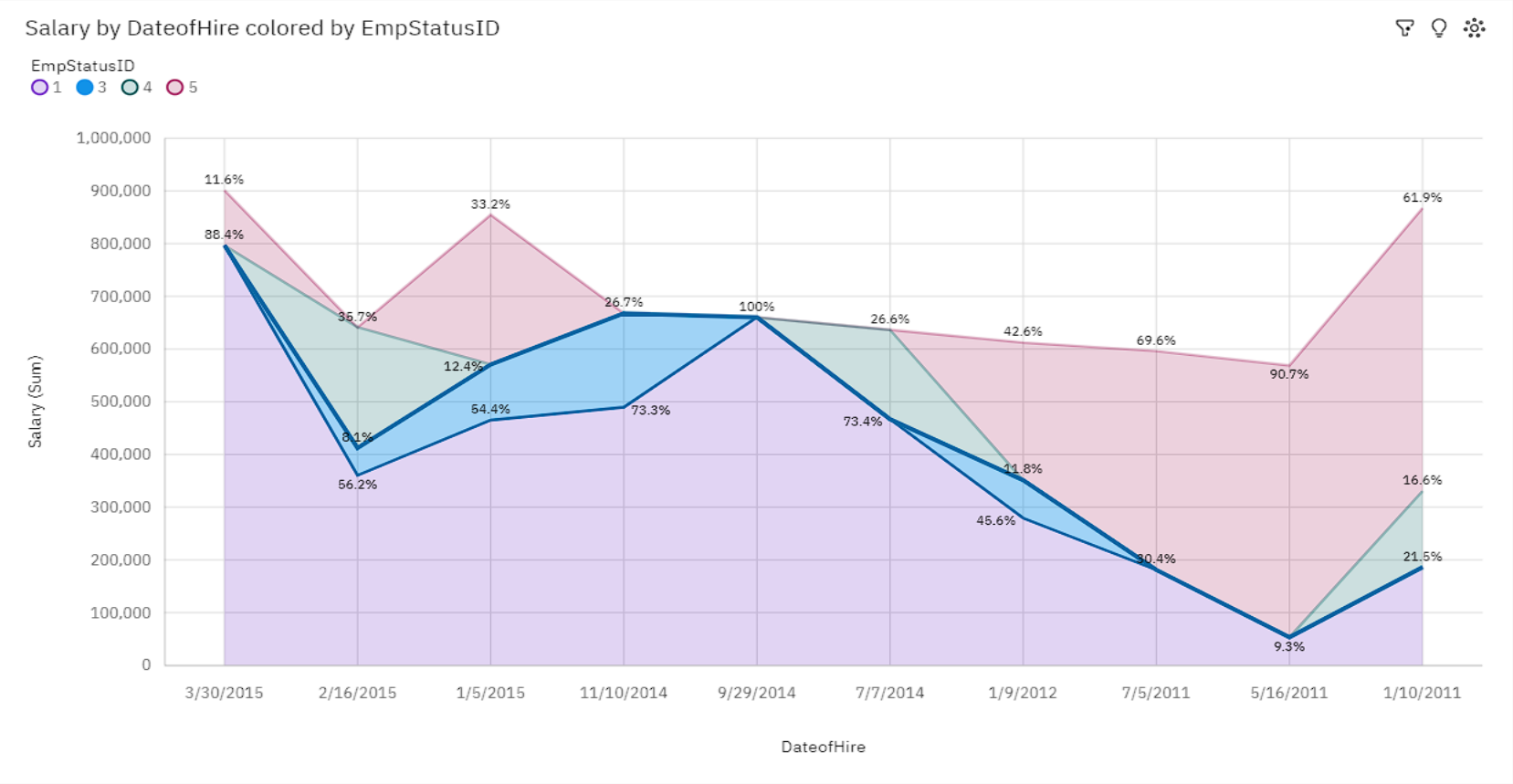


Step 5: After done with that report, Create a story to view our visualizations in the form of slides.

Edit | Analytics | Filters

SALARY

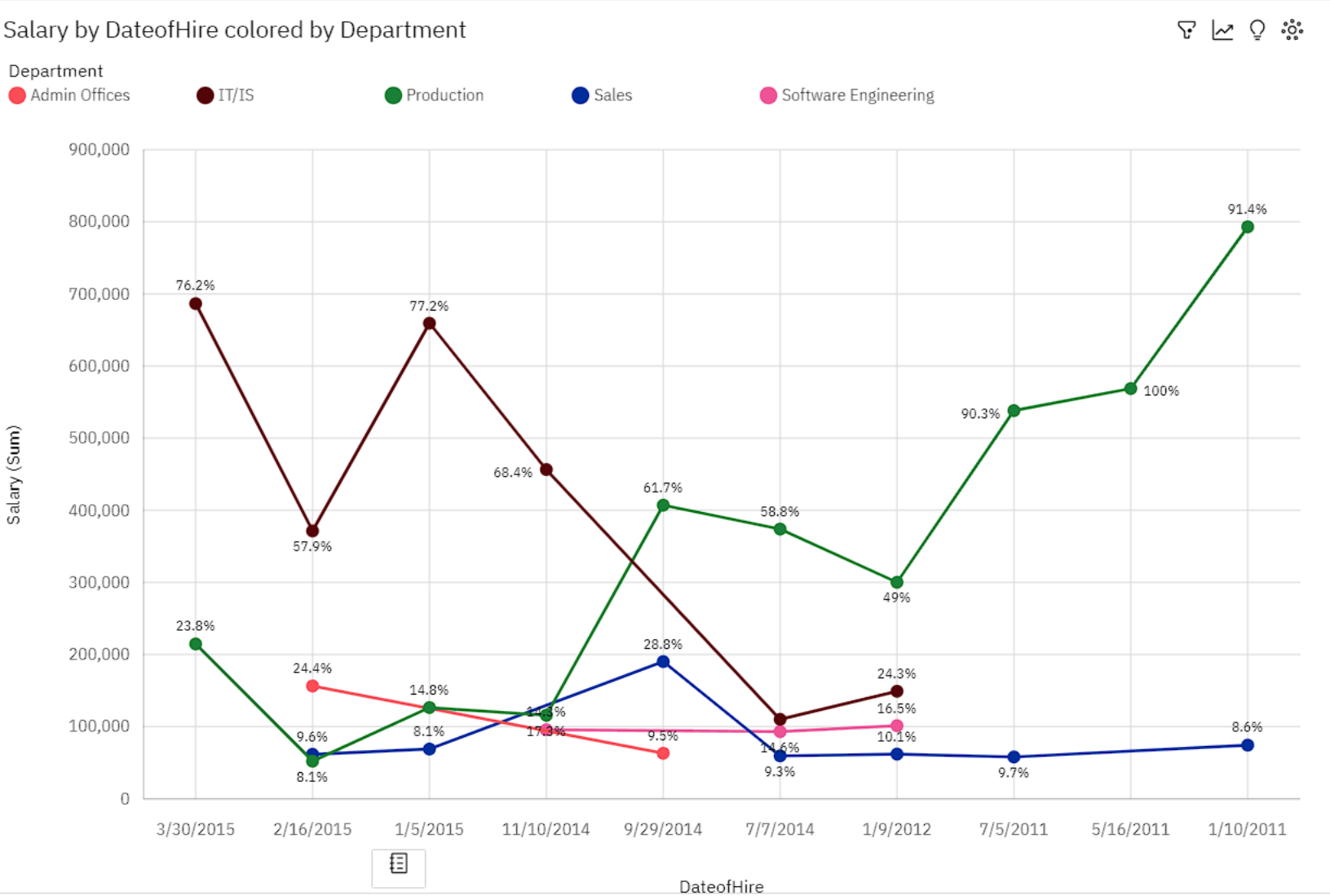
- EmpStatusID 1 has the highest total Salary due to LastPerformanceReview_Date 2019-01-14.
- Salary is unusually high when the combination of DateofHire and EmpStatusID is 2015-03-30 and 1.
- 2015-03-30 DateofHire accounted for 20% of 1 Salary compared to 5% for 5.
- DateofHire 2015-03-30 has the highest Salary at over 901 thousand, out of which EmpStatusID 1 contributed the most at almost 797 thousand.
- DateofHire 2015-03-30 has the highest Salary at over 901 thousand, out of which ManagerID 4 contributed the most at over 375 thousand.



Prev scene | Next scene | Scene 1 of 5 | 0:00.0 | 0:05.0

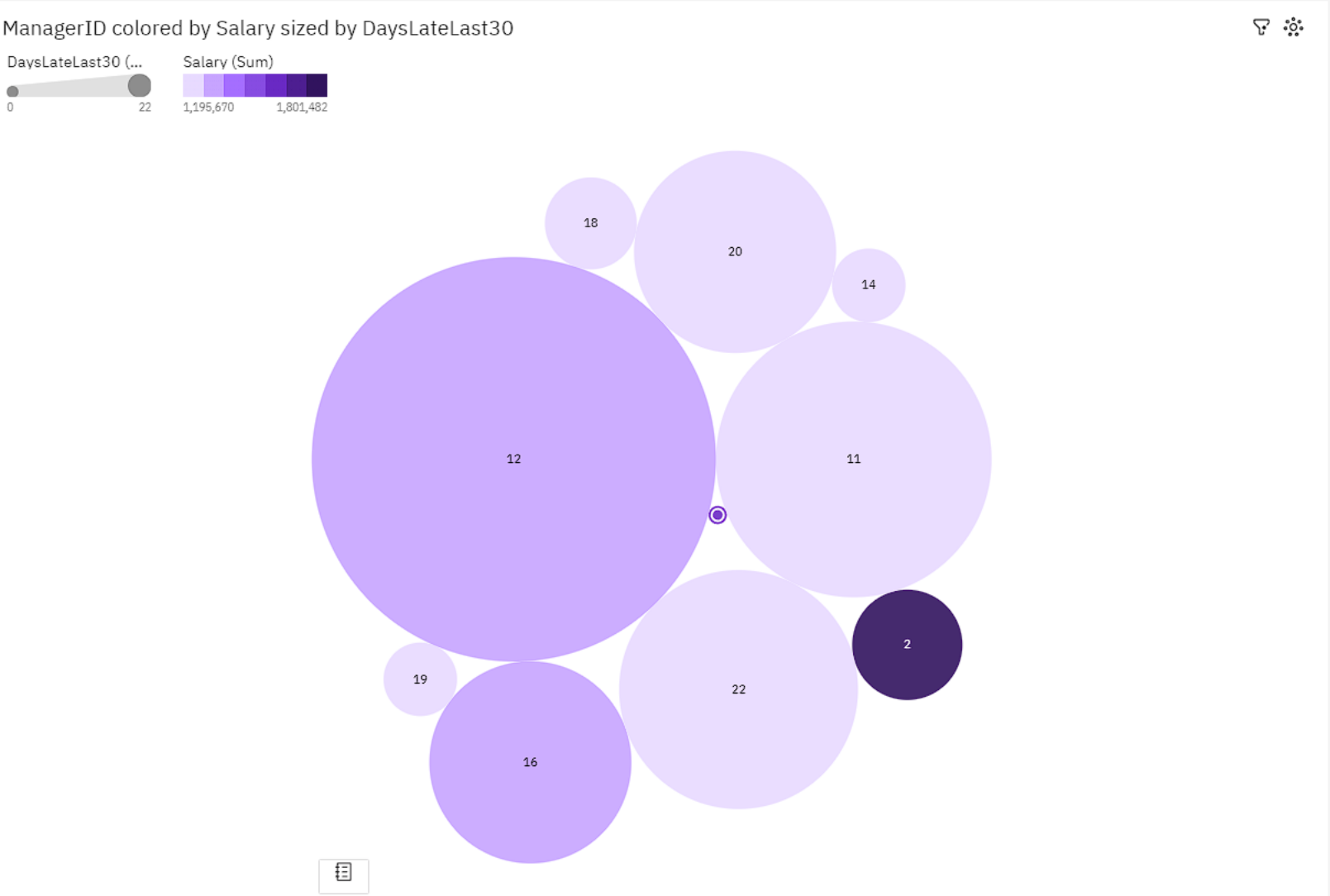
Department VS Salary

- Department Production has the highest total Salary due to DateofHire 2011-01-10.
- Salary is unusually high when Department is Production.
- 2019-01-14 LastPerformanceReview_Date accounted for 7% of Production Salary compared to 5% for IT/IS.
- DateofHire 2015-03-30 has the highest Salary at over 901 thousand, out of which Department IT/IS contributed the most at almost 687 thousand.
- DateofHire 2015-03-30 has the highest Salary at over 901 thousand, out of which ManagerID 4 contributed the most at over 375 thousand.
- LastPerformanceReview_Date 2019-01-14 has the highest Salary at over 1.2 million, out of which Department Production contributed the most at nearly 821 thousand.



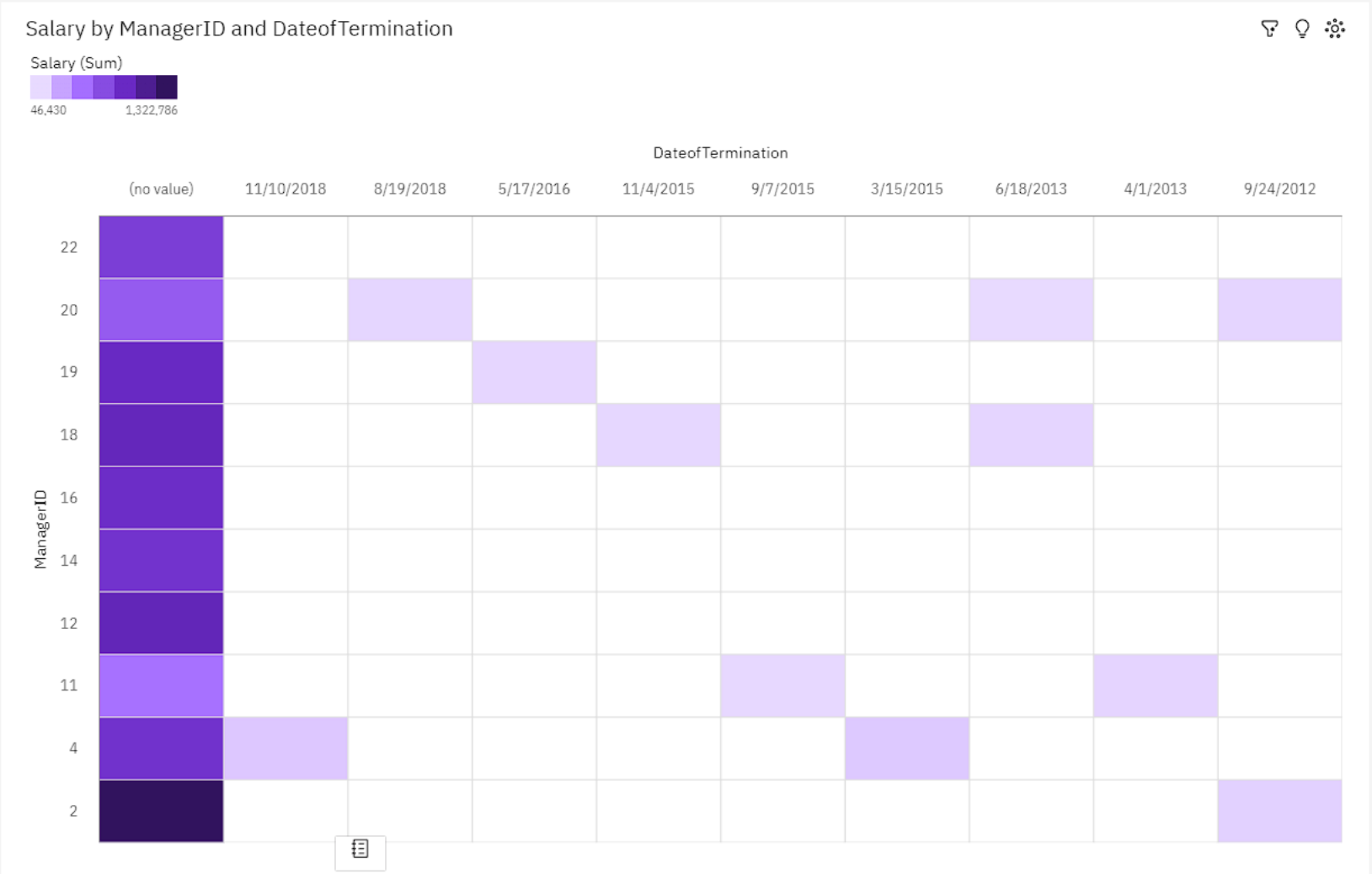
Last 30 Days Salary

- ManagerID 2 has the highest Total Salary but is ranked #6 in Total DaysLateLast30.
- ManagerID 12 has the highest Total DaysLateLast30 but is ranked #4 in Total Salary.
- From 2018-03-09 to 2018-04-02, 20's DaysLateLast30 dropped by 6.
- Over all values of ManagerID, the sum of DaysLateLast30 is 91.
- DaysLateLast30 ranges from 0, when ManagerID is 4, to 22, when ManagerID is 12.



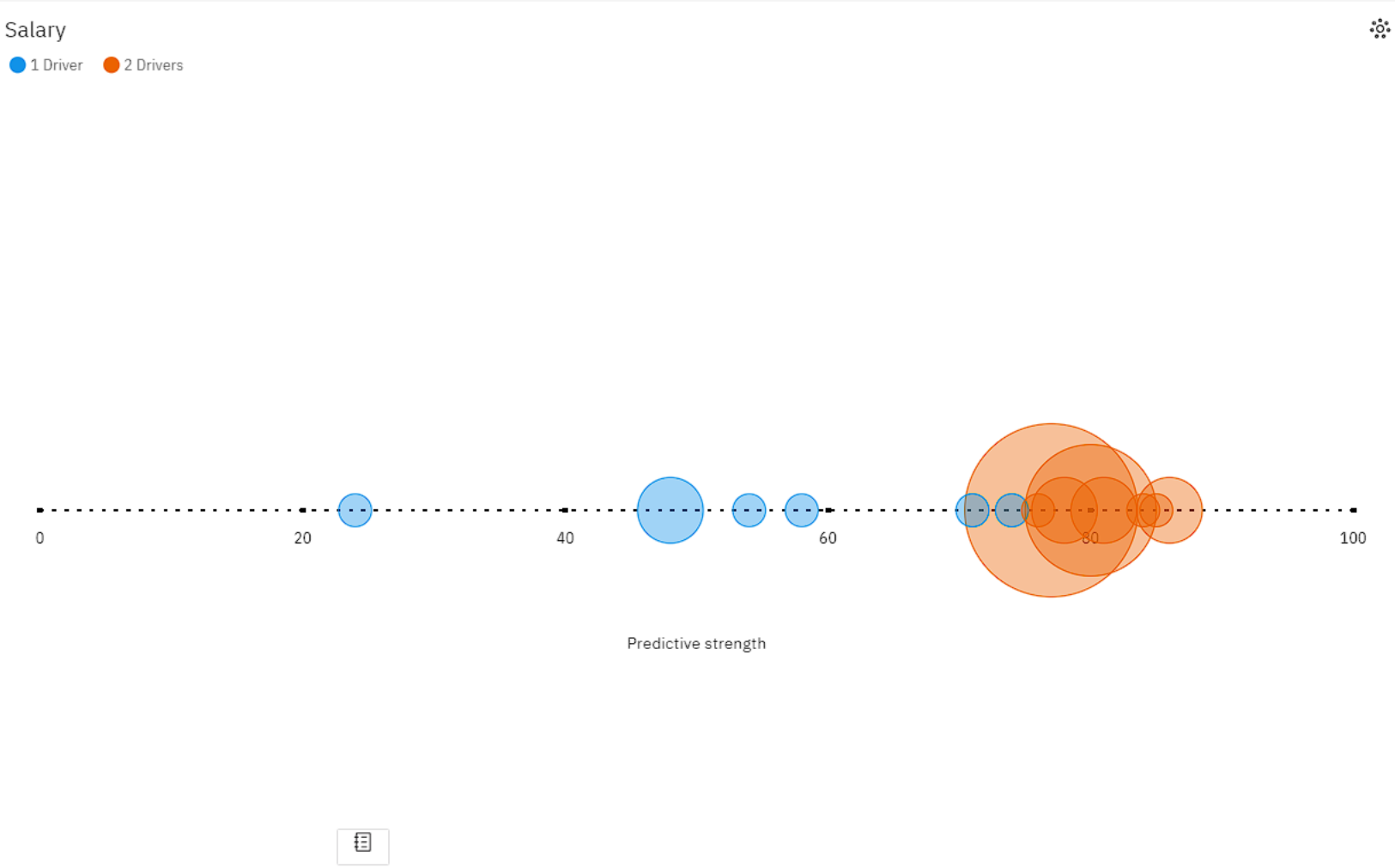
Termination VS Salary

- ManagerID 2 has the highest total Salary due to DateofHire 2010-04-10.
- Salary is unusually high when the combination of ManagerID and DateofTermination is 2 and (no value).
- Salary is unusually high when DateofTermination is (no value).
- 4 has a Salary of over 402 thousand for DateofHire 2015-01-05.

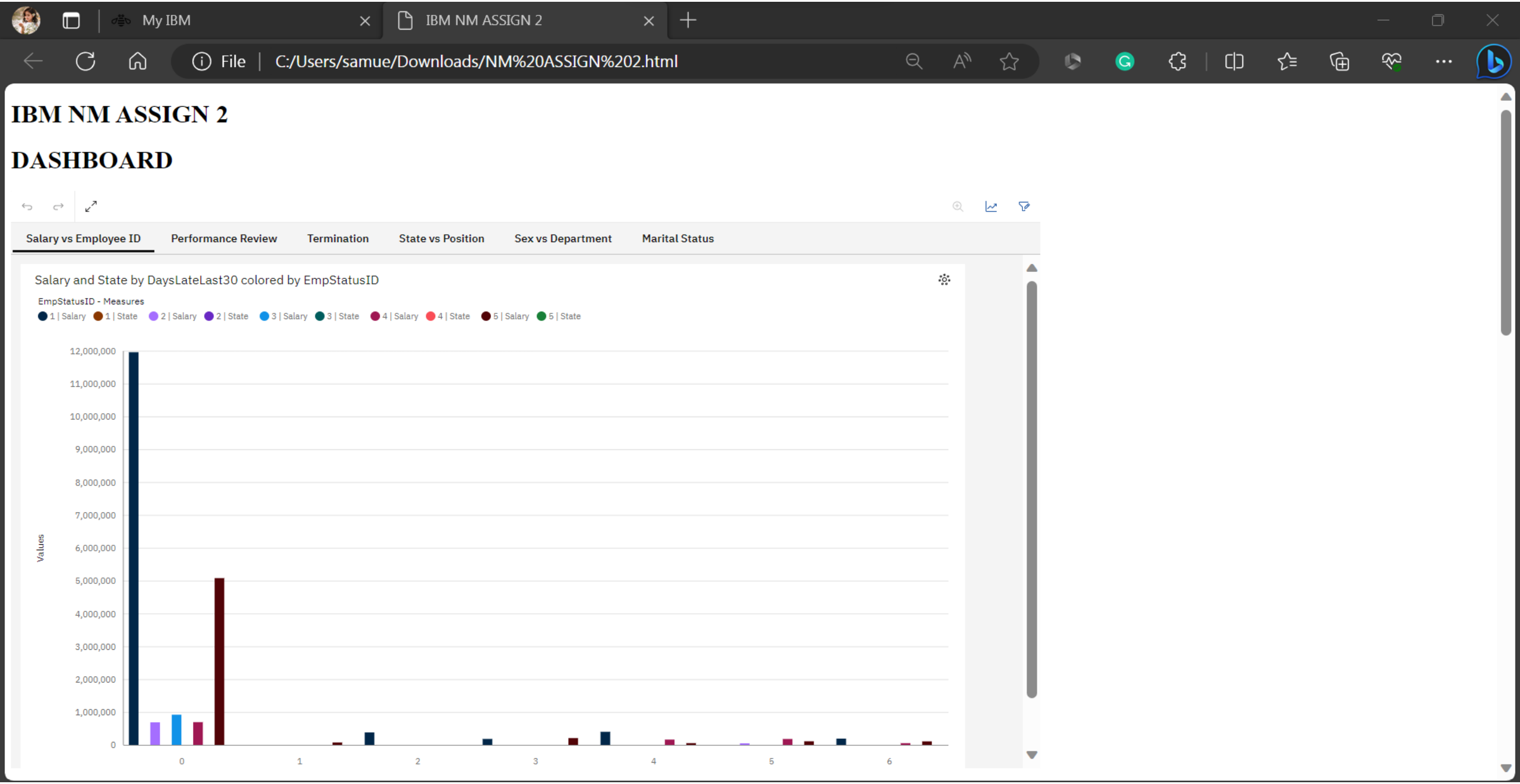


Date of Hire VS Salary

- DateofHire 2012-07-09 has the lowest average Salary at over 46 thousand, followed by 2007-11-05 at over 47 thousand.
- DateofHire 2010-04-10 has the highest average Salary at over 220 thousand, followed by 2011-04-15 at 178 thousand.
- From 2009-10-26 to 2010-04-10, Salary increased by 245%.



Step 6 : Create a interactive website using the share link. Within html or flask application, place “iframe” links.

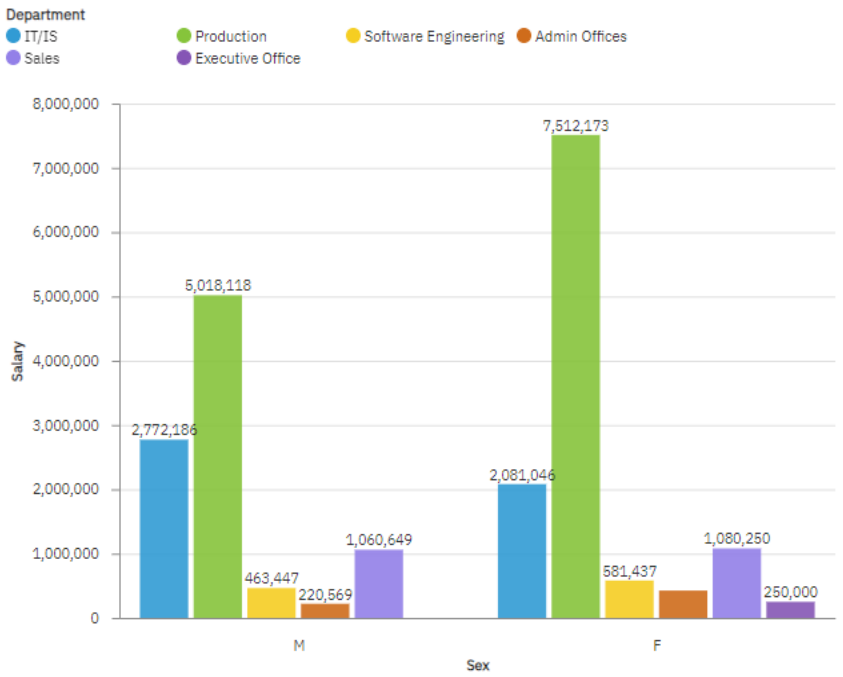


REPORT

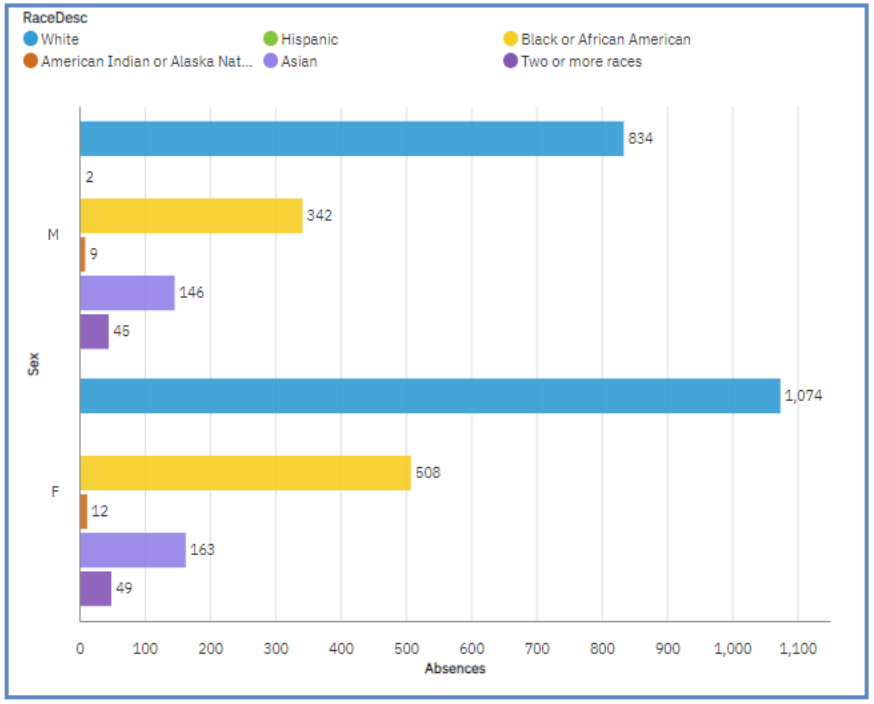
Filters

REPORT

Sex vs Salary



Race Desc Vs Absentees

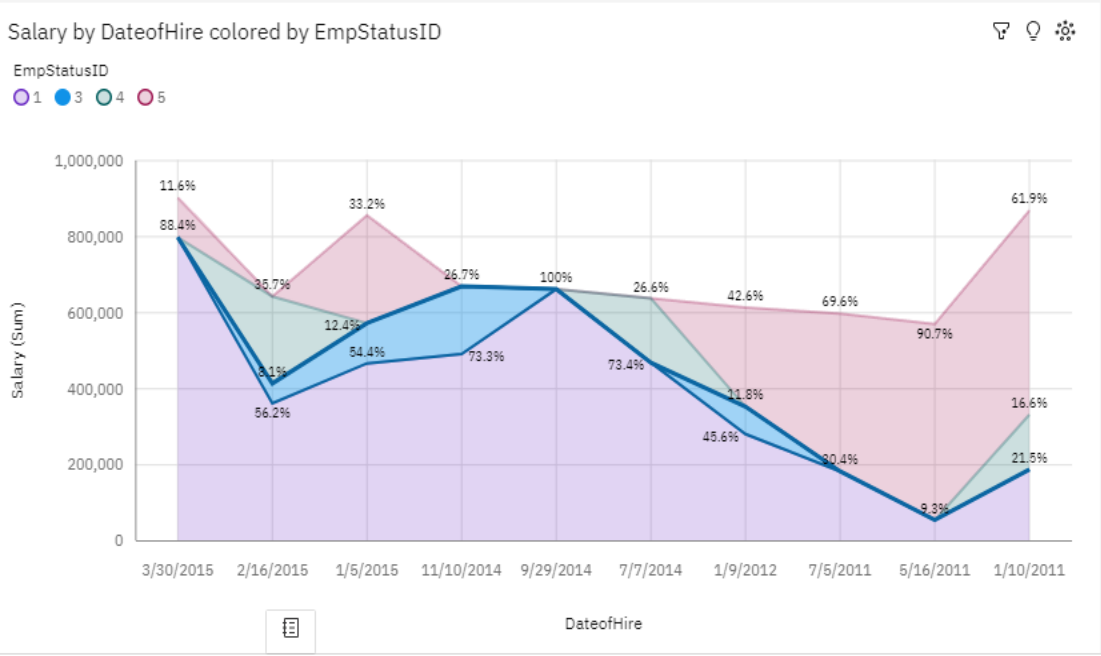


StoryBoard

StoryBoard

SALARY

- EmpStatusID 1 has the highest total Salary due to LastPerformanceReview_Date 2019-01-14.
- Salary is unusually high when the combination of DateofHire and EmpStatusID is 2015-03-30 and 1.
- 2015-03-30 DateofHire accounted for 20% of 1 Salary compared to 5% for 5.
- DateofHire 2015-03-30 has the highest Salary at over 901 thousand, out of which EmpStatusID 1 contributed the most at almost 797 thousand.
- DateofHire 2015-03-30 has the highest Salary at over 901 thousand, out of which ManagerID 4 contributed the most at over 375 thousand.



Prev scene | Next scene | Scene 1 of 5 | 0:05.0 | 0:05.0