ASSIGNMENT-2

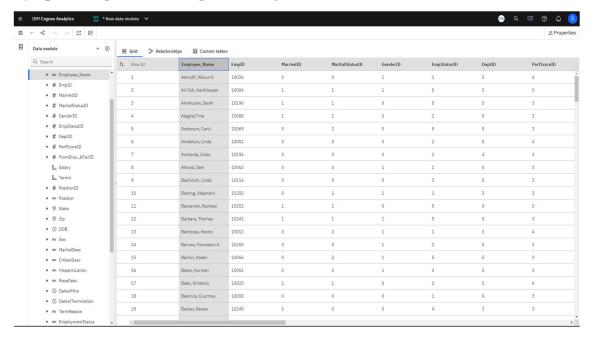
Data Analytics with IBM Cognos

Name: Modalavalasa Kartheek

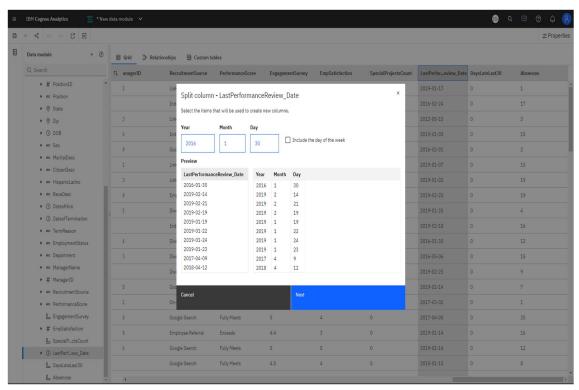
RegNo: 21BCB7104

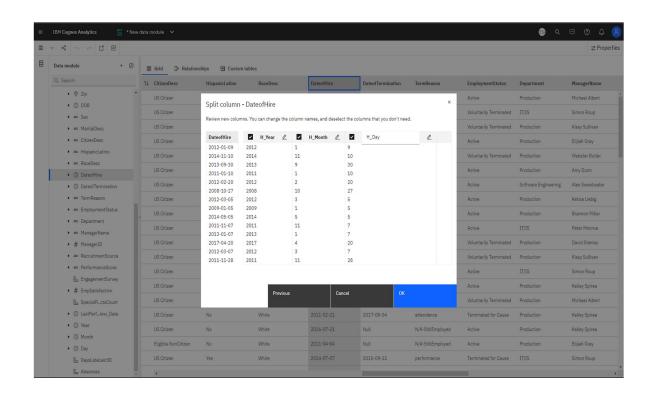
Challenge: Upload the dataset to Cognos Analytics, prepare the data, explore and Create Interactive Dashboard, Report and Story.

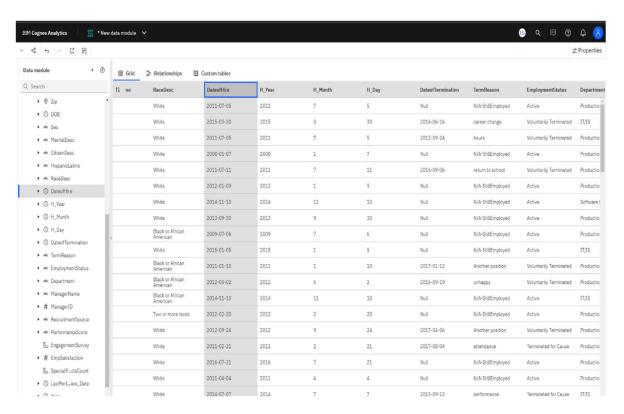
1) Uploading data to Cognos Analytics

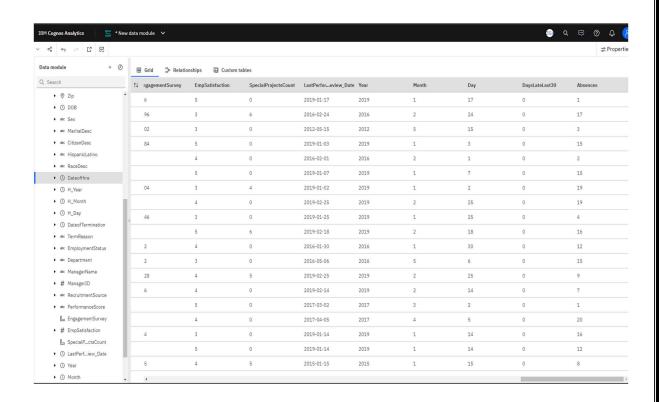


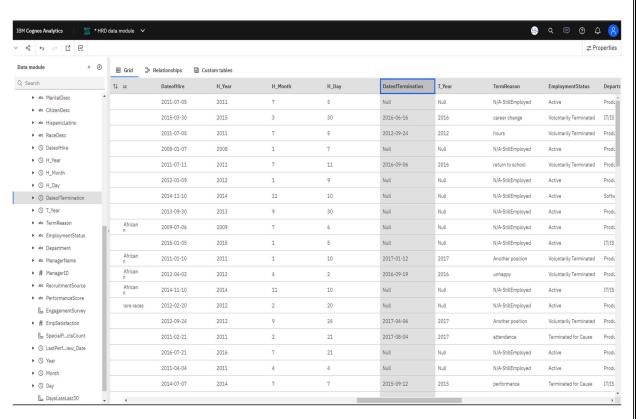
2) splitting the date of joined, terminated and performance review and preparing the data.





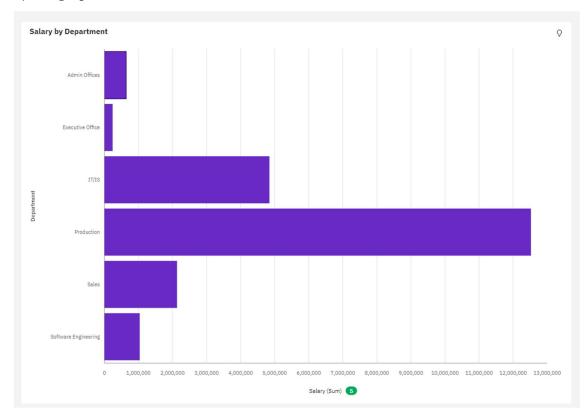




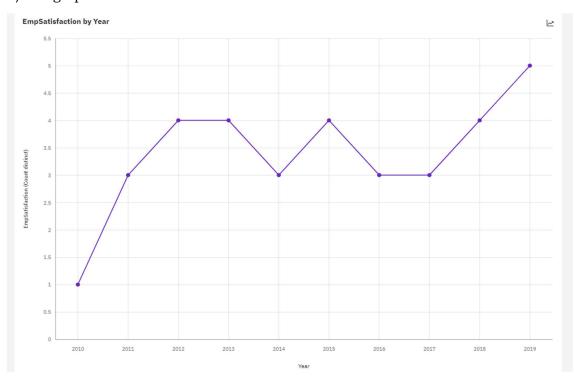


3) Exploration and create visualizations

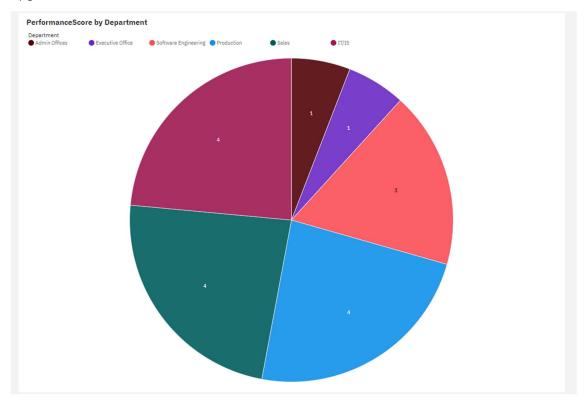
1) bar graph



2) line graph



3) pie chart



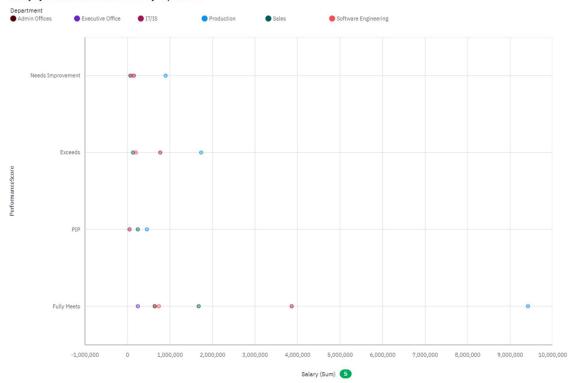
4) heat map



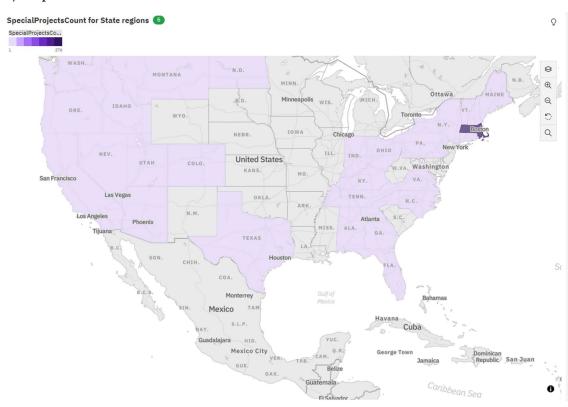


5) scatter plot

Salary by PerformanceScore colored by Department



6) Map



7) Box plot



IT/IS

Department

Production

Sales

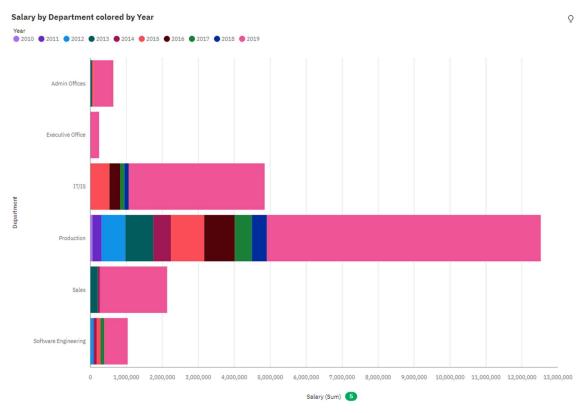
Software Engineering

8) stacked Bar

Admin Offices

Executive Office

1,000,000



4) creating dashboards using visualizations

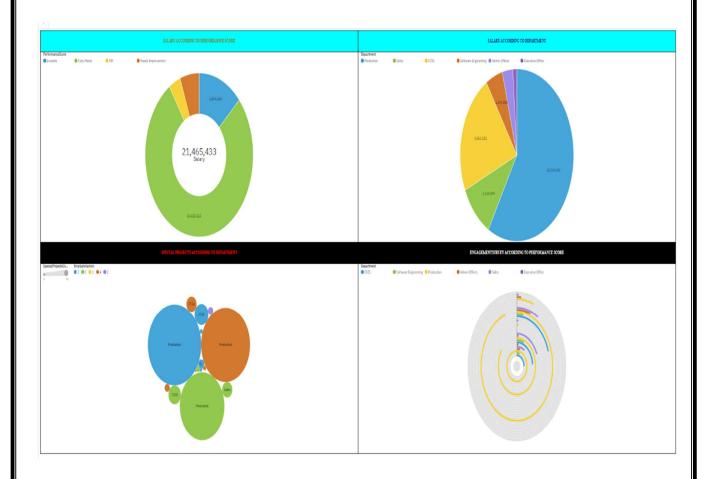
 $\frac{https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folder\\ s\%2Fassignments\%2FHRD\%2Bdashboard&action=view&mode=dashboard&subVie\\ \underline{w=model0000018a641d3296_00000002}$



5) creating a report

Link to see the below report of human resouces data:

 $\frac{https://us1.ca.analytics.ibm.com/bi/?pathRef=.my_folders\%2Fassignments\%2FH}{RD\%2Breport\&action=run\&format=HTML\&prompt=false}$

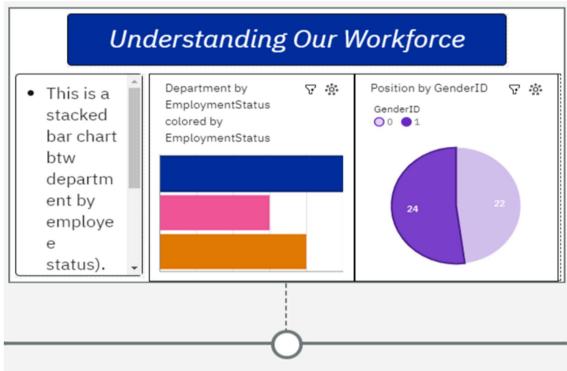


6) creating a story for human resources data

Link to see the below story of human resouces data:

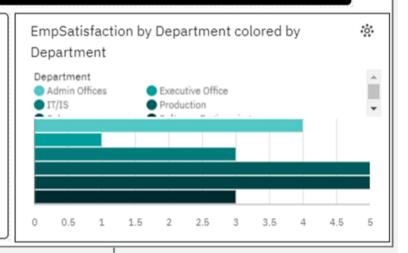
https://us1.ca.analytics.ibm.com/bi/?perspective=story&pathRef=.my_folders%2Fassignments%2FHRD%2Bstory&action=view&sceneId=-1&sceneTime=0





Fostering Employee Engagement

 This is a bar chart for employee satisfaction according to their departments colored by the departments.



Investing in Employee Growth

 This is a line chart of employee satisfaction by last year recent performance review

