

ASSIGNMENT - 2
DATA ANALYTICS
EXPLORATION AND VISUALIZATION OF
DATASET

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QUESTION:

Upload the dataset to cognos Analytics,prepare the data,explore and Create Interactive Dashboard,report and story.

PROBLEM DESCRIPTION:

Dataset:50_Startups.csv <https://www.Kaggle.com/datasets/rhuebher/human-resource-data-set>

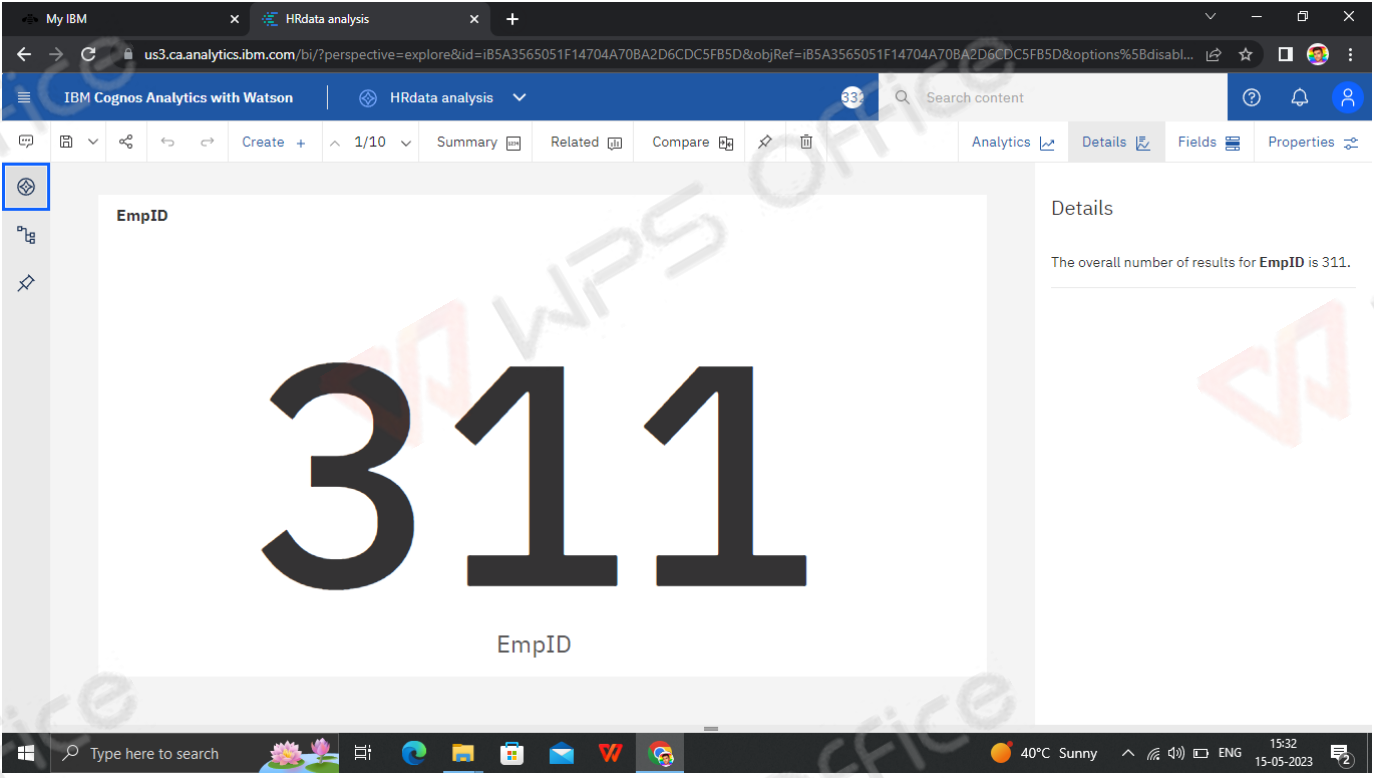
About the 50 startups dataset

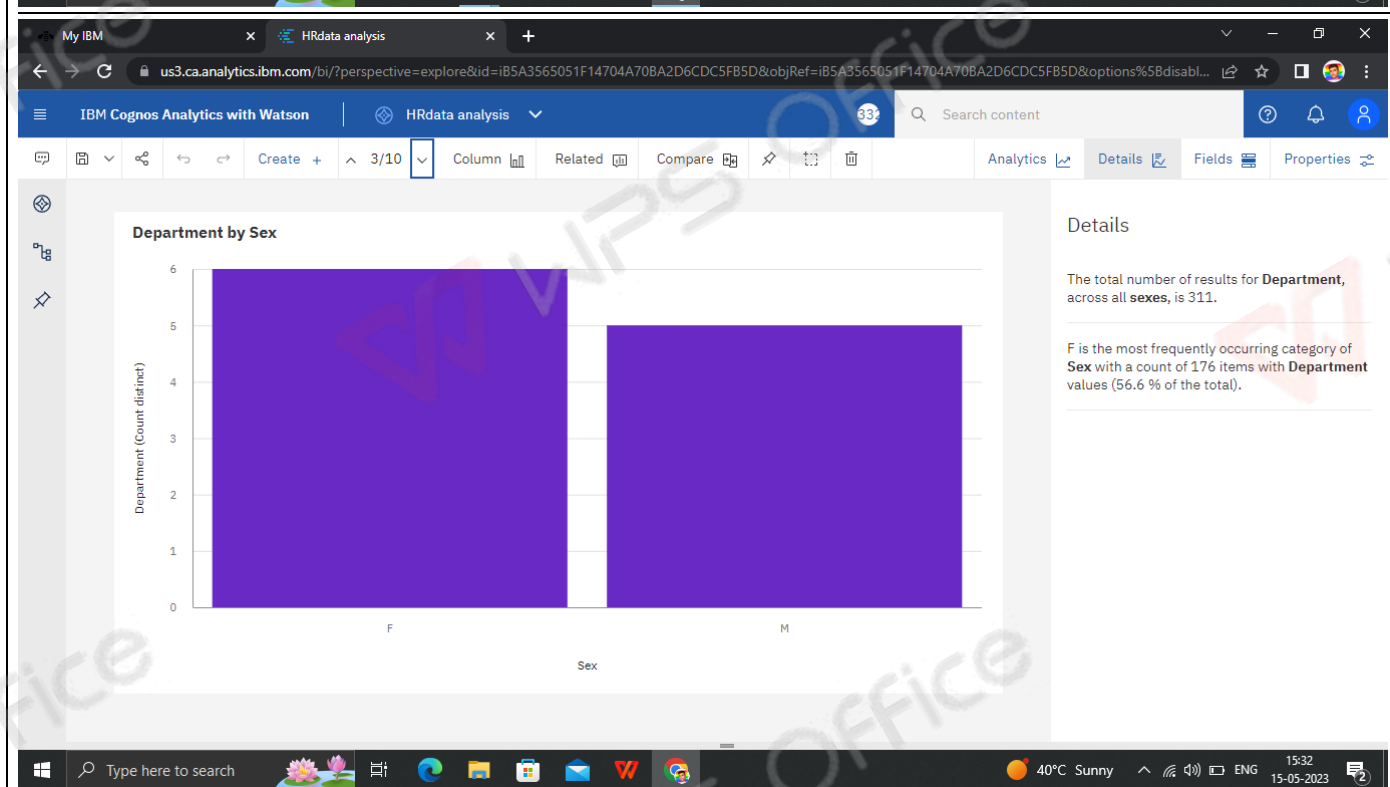
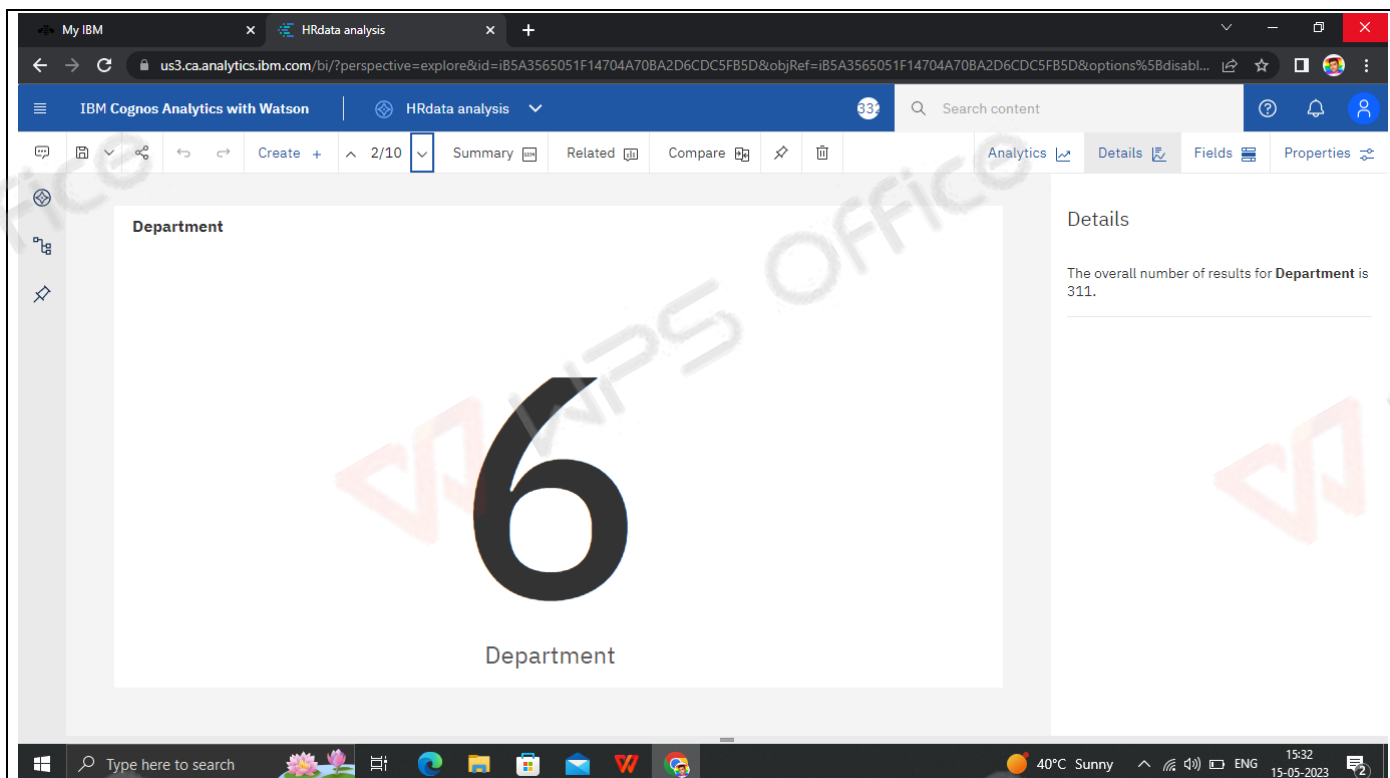
HR data be hard to come by,and HR professional generally lag behind with respect respective analytics and data visualization competency . We use the data set to teach HR students how to use and analysis in the data in cognos- a data visualization tool that's easy to learn.

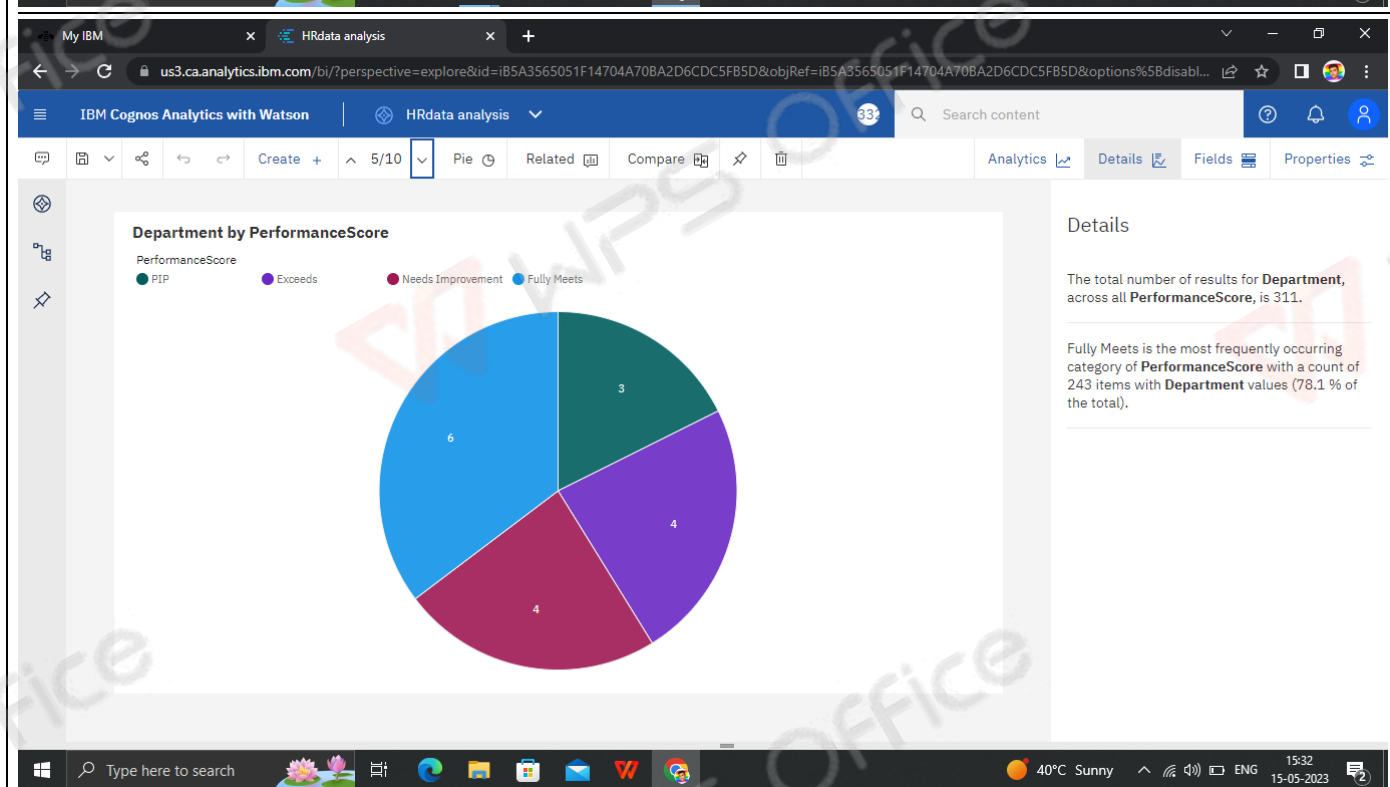
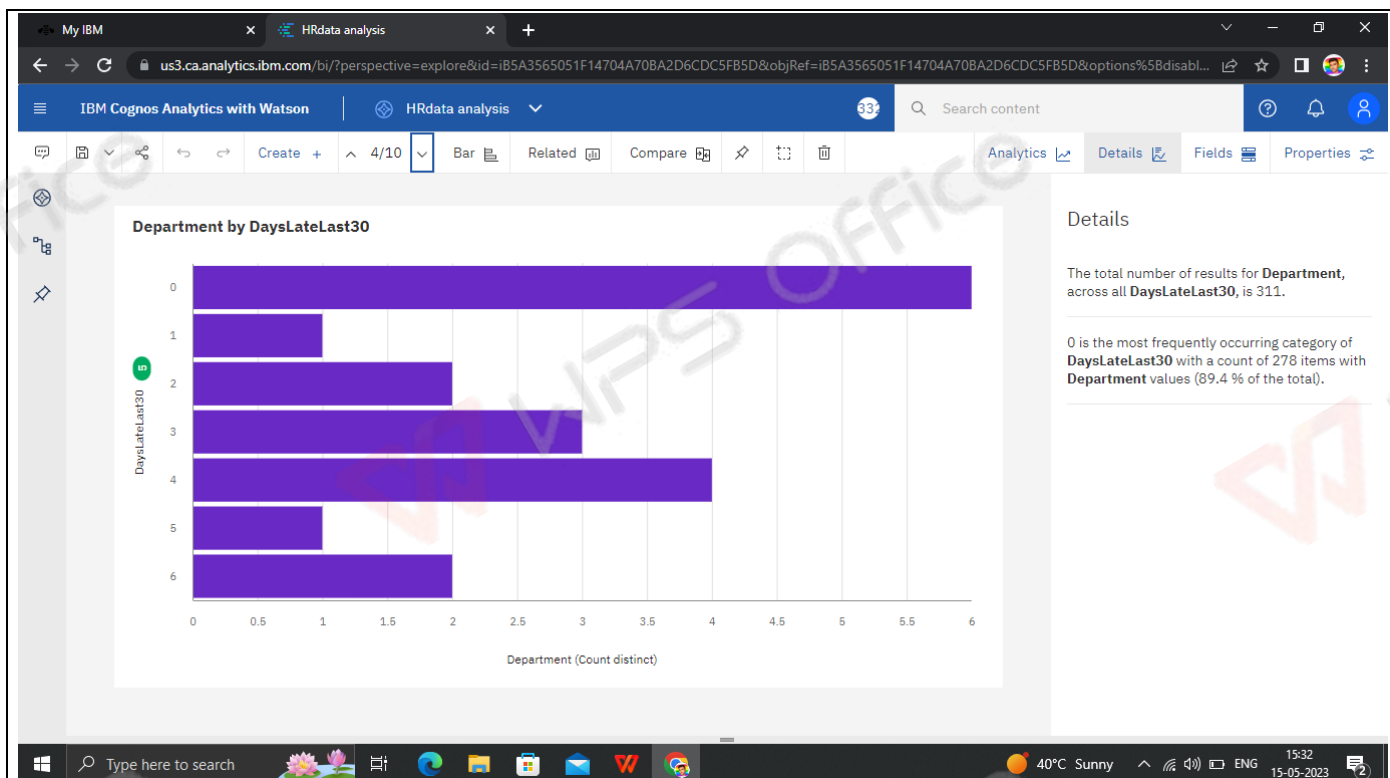
This version provides a variety of features that are useful to both data visualization AND creating machine learning/predictive analysis model. We are working on expanding the data set even further by generating even more records and a few additional features we will be keeping these as one file/one data set for now. There is a possibility for creating a second file perhaps down the road where you can join the files together to practice IBMDB2/joins.etc.

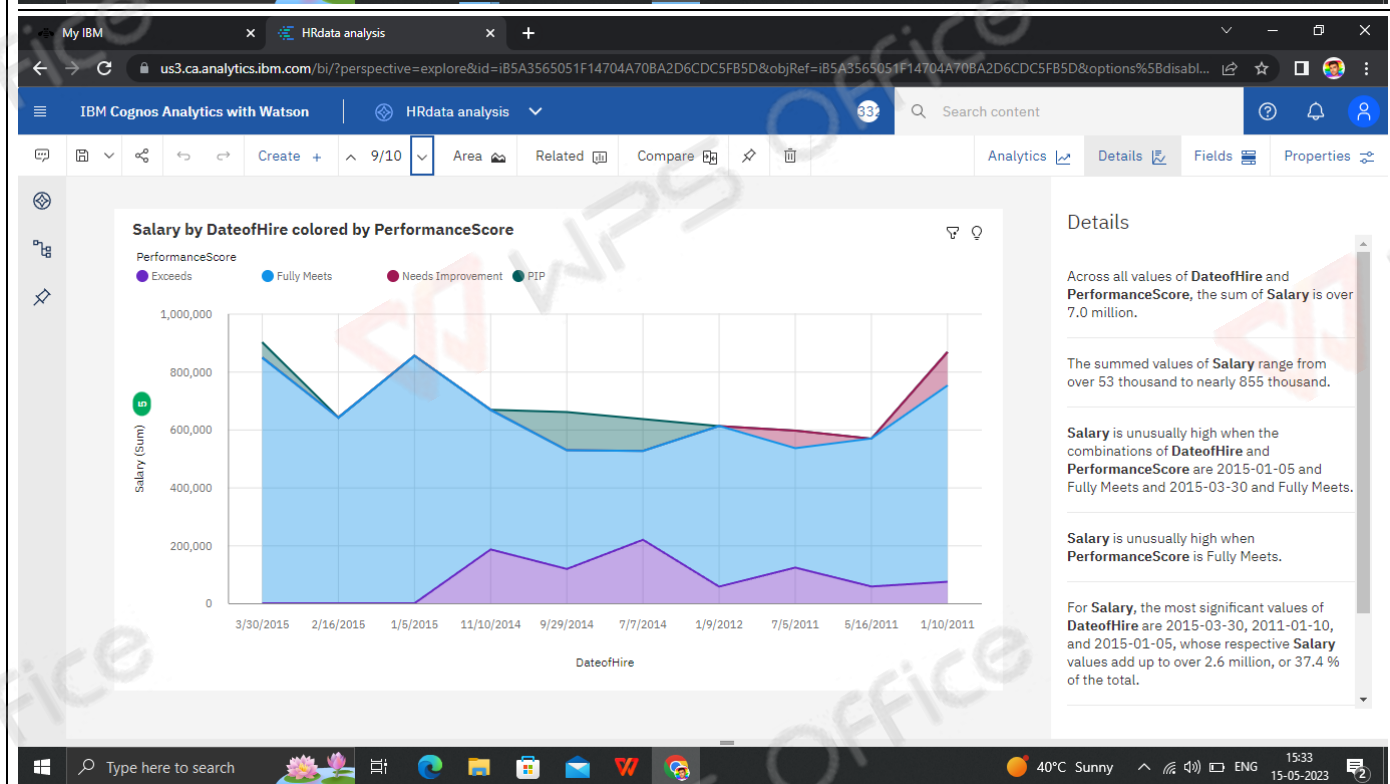
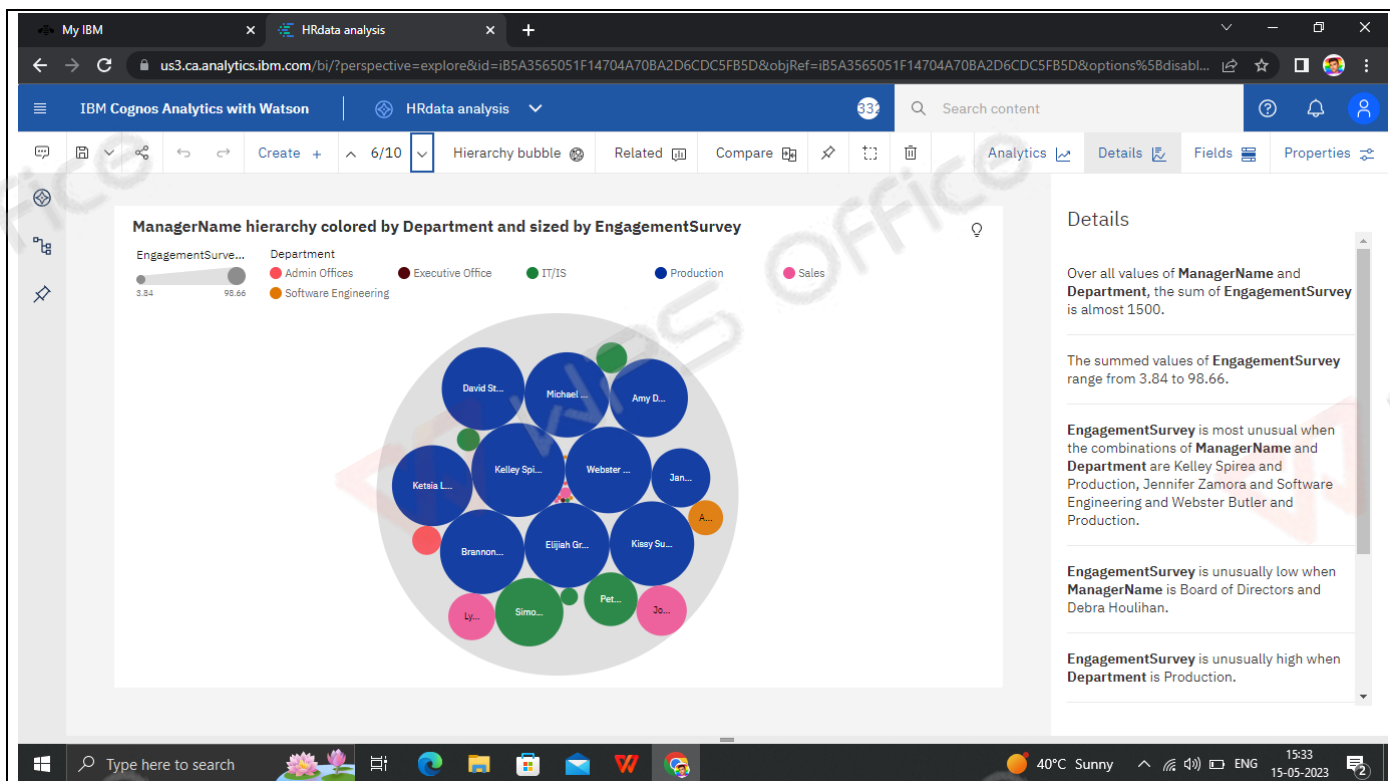
Note that this data set isn't perfect By design, there are some issues that are present, It is primarily designed as a teaching data set-to teach human resources professional how to work with data and analytics.

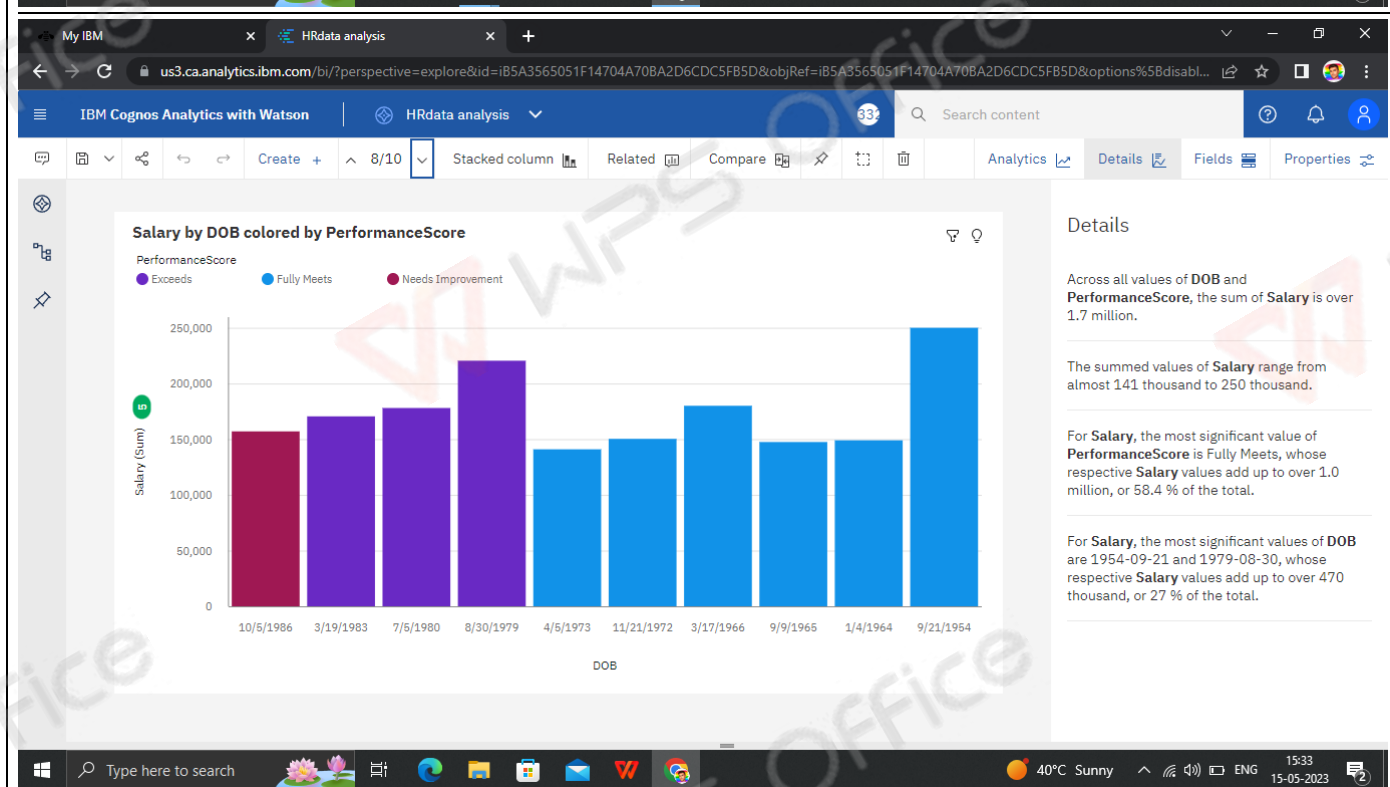
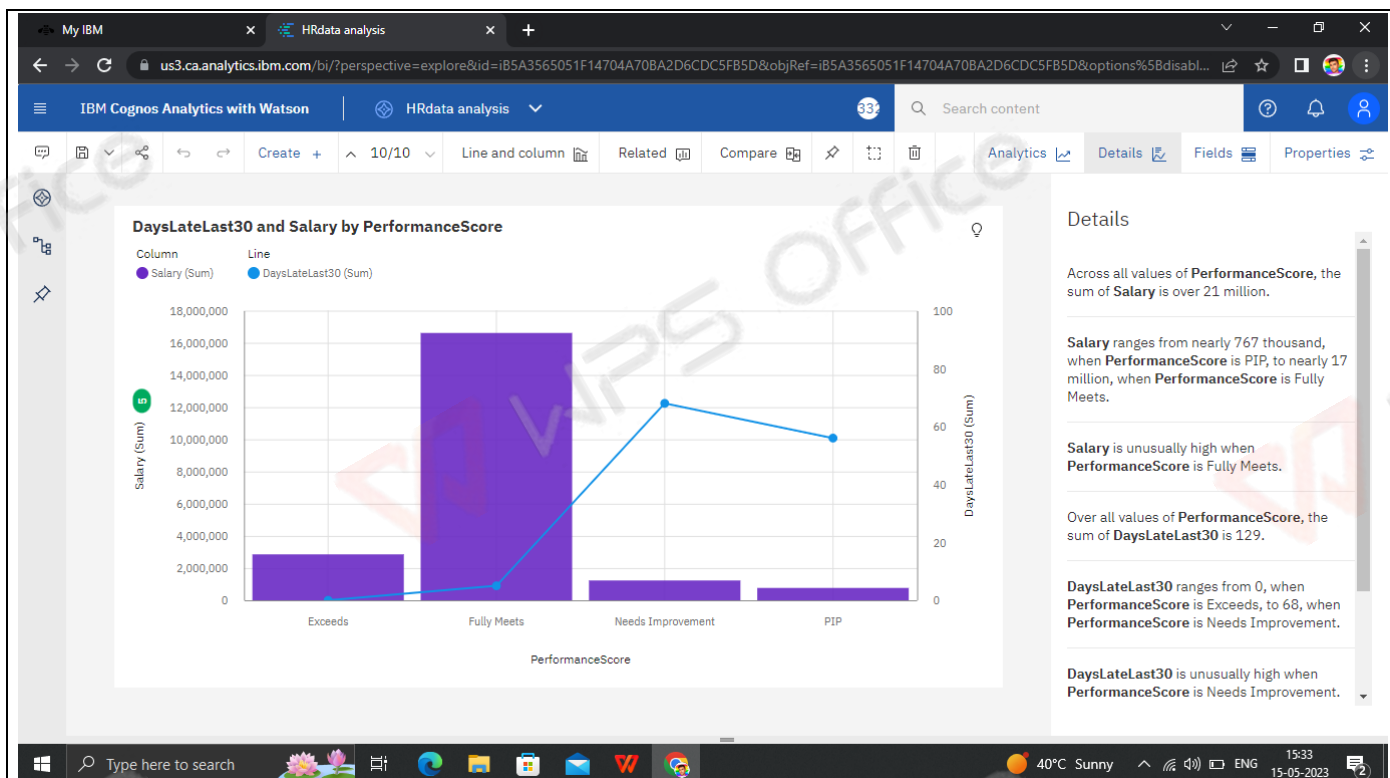
EXPLORATIONS



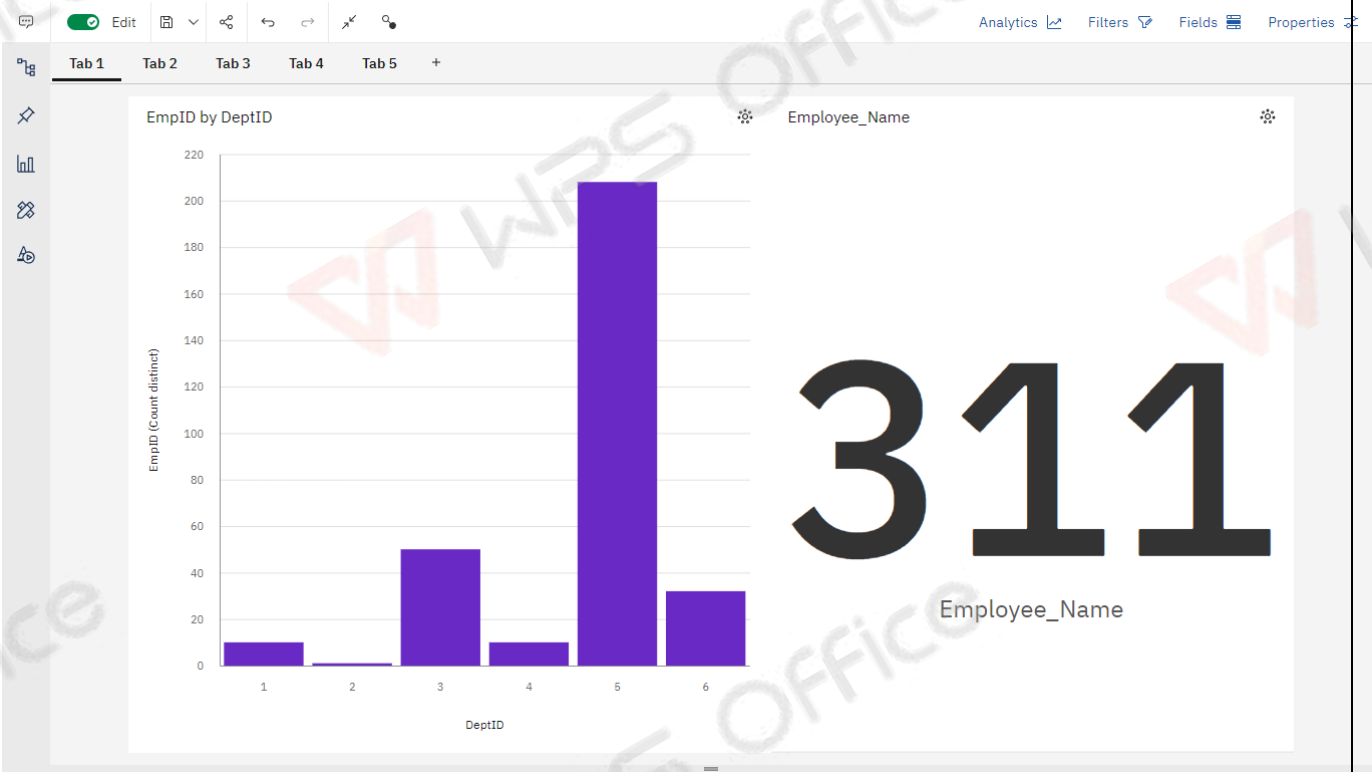


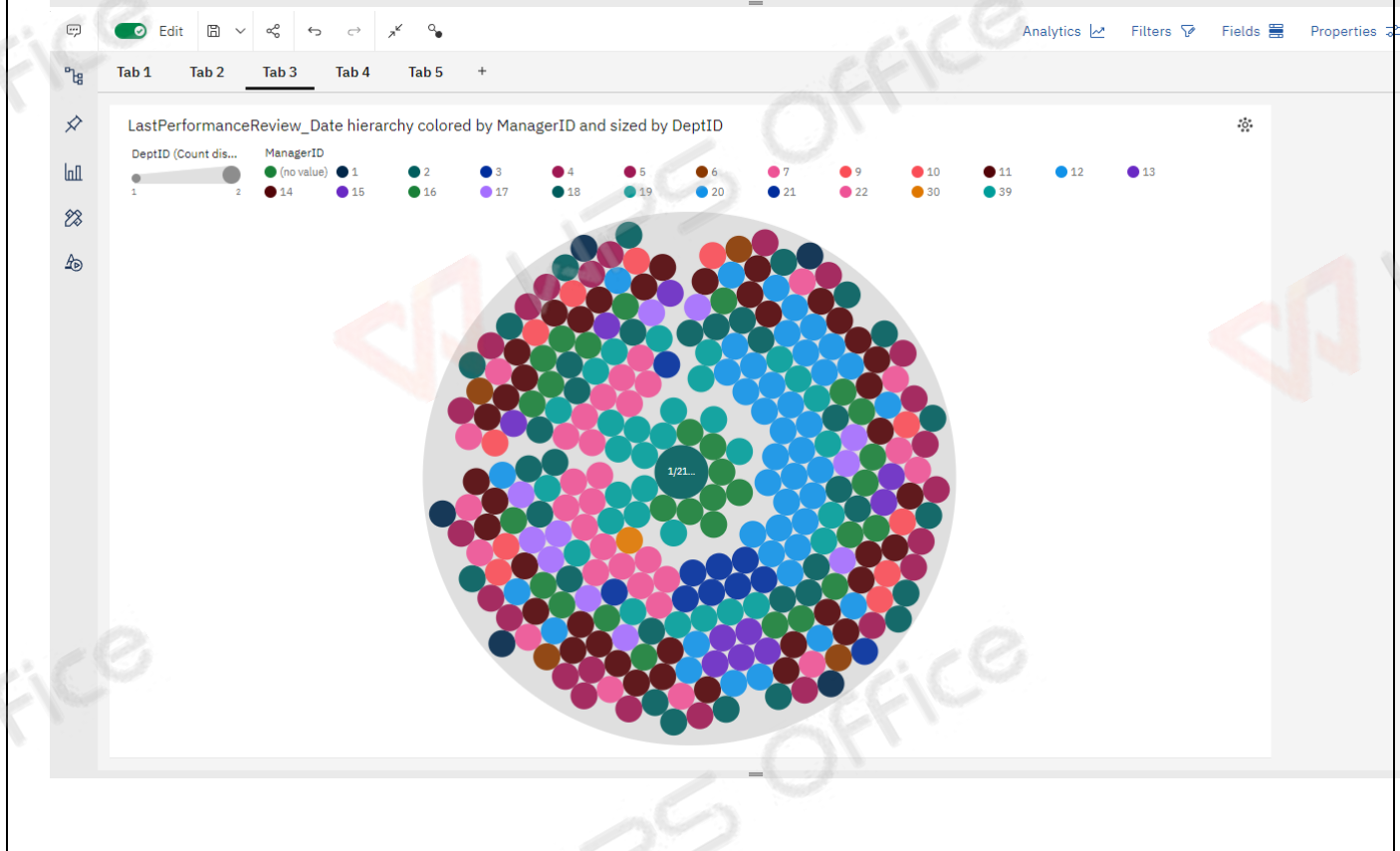
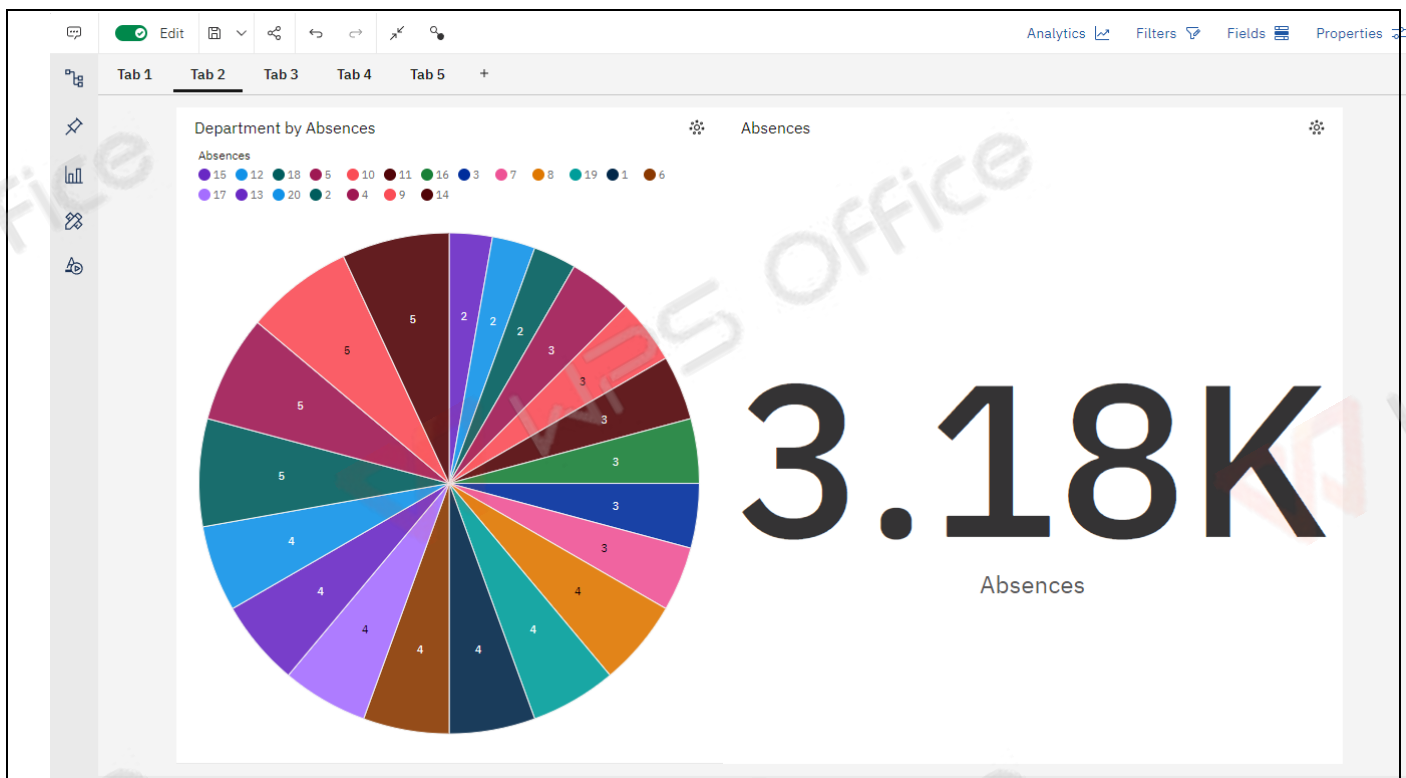


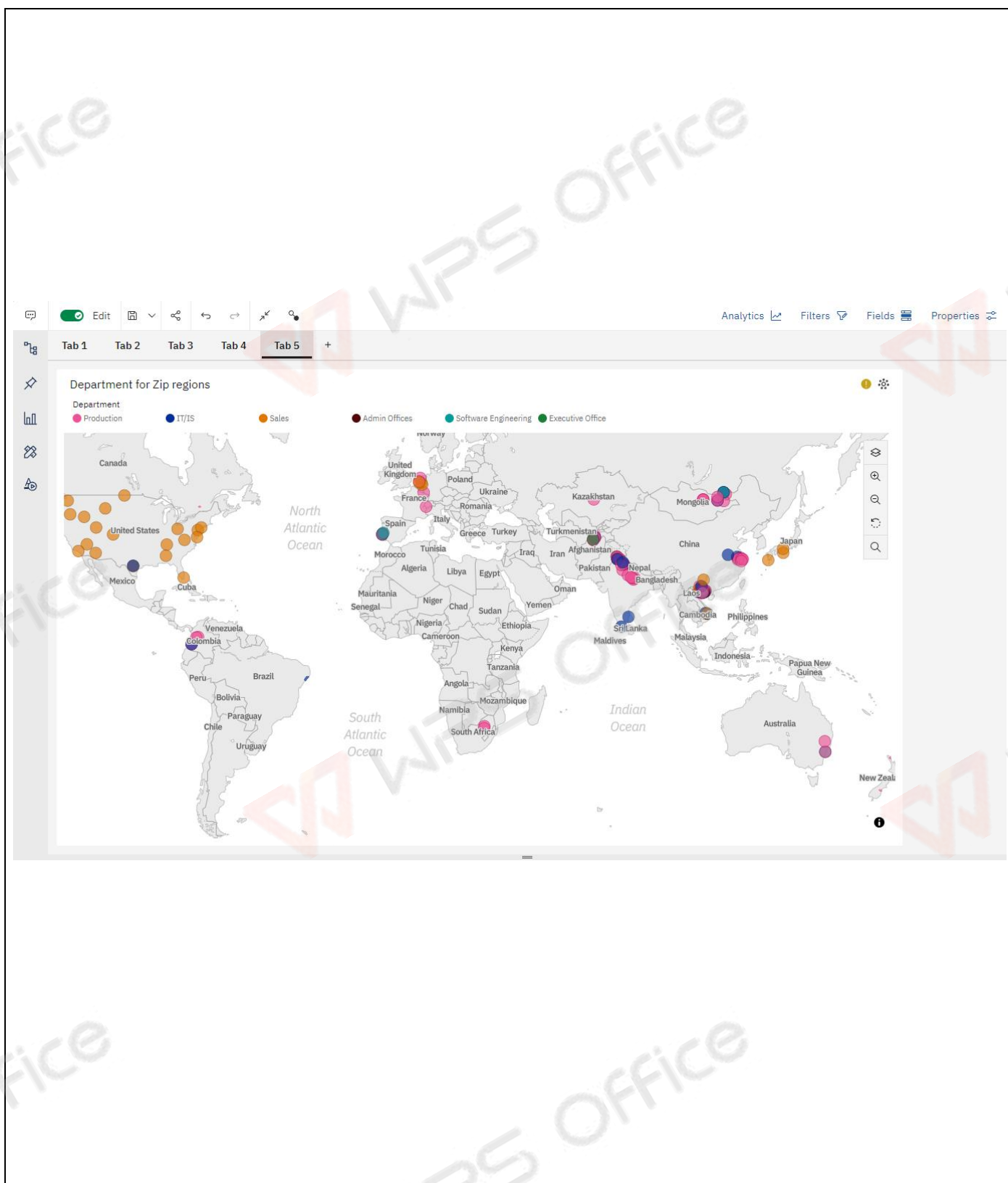




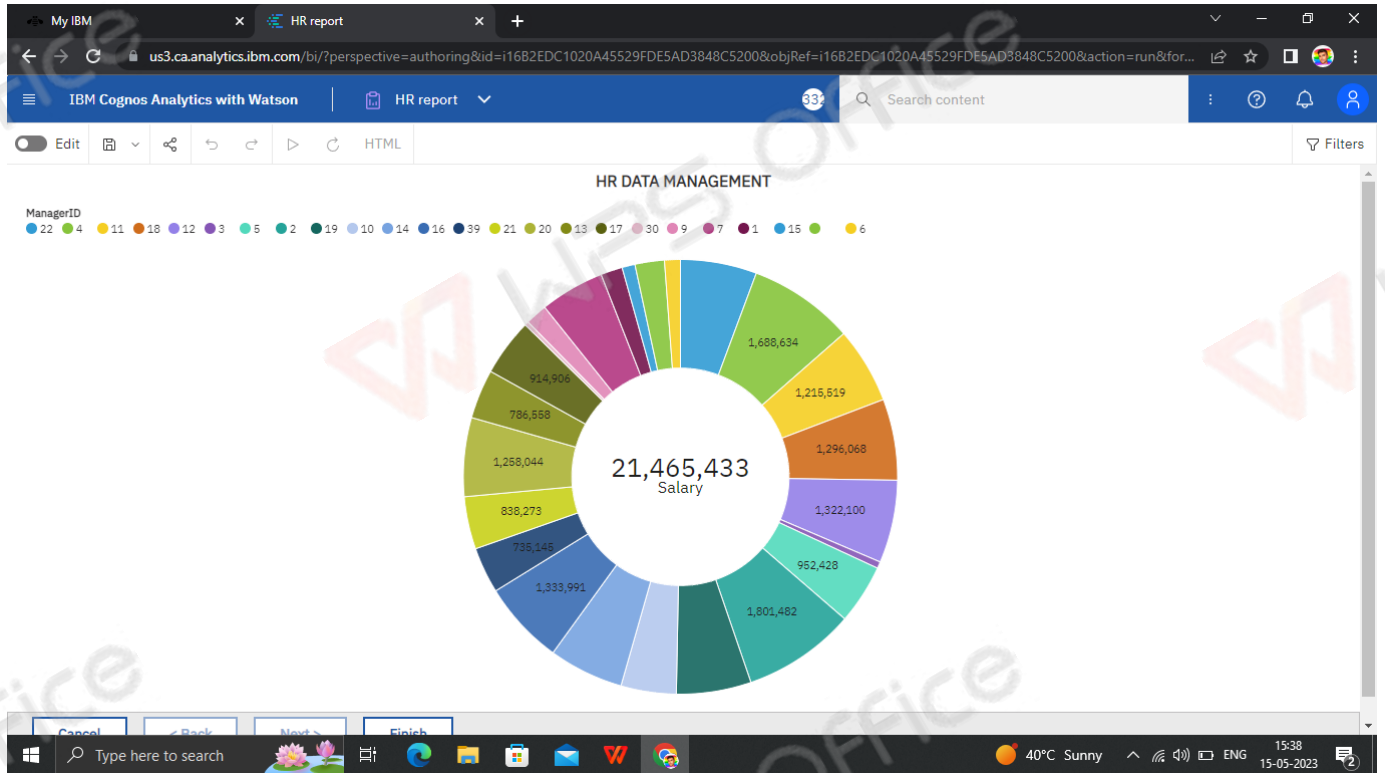
DASHBOARD

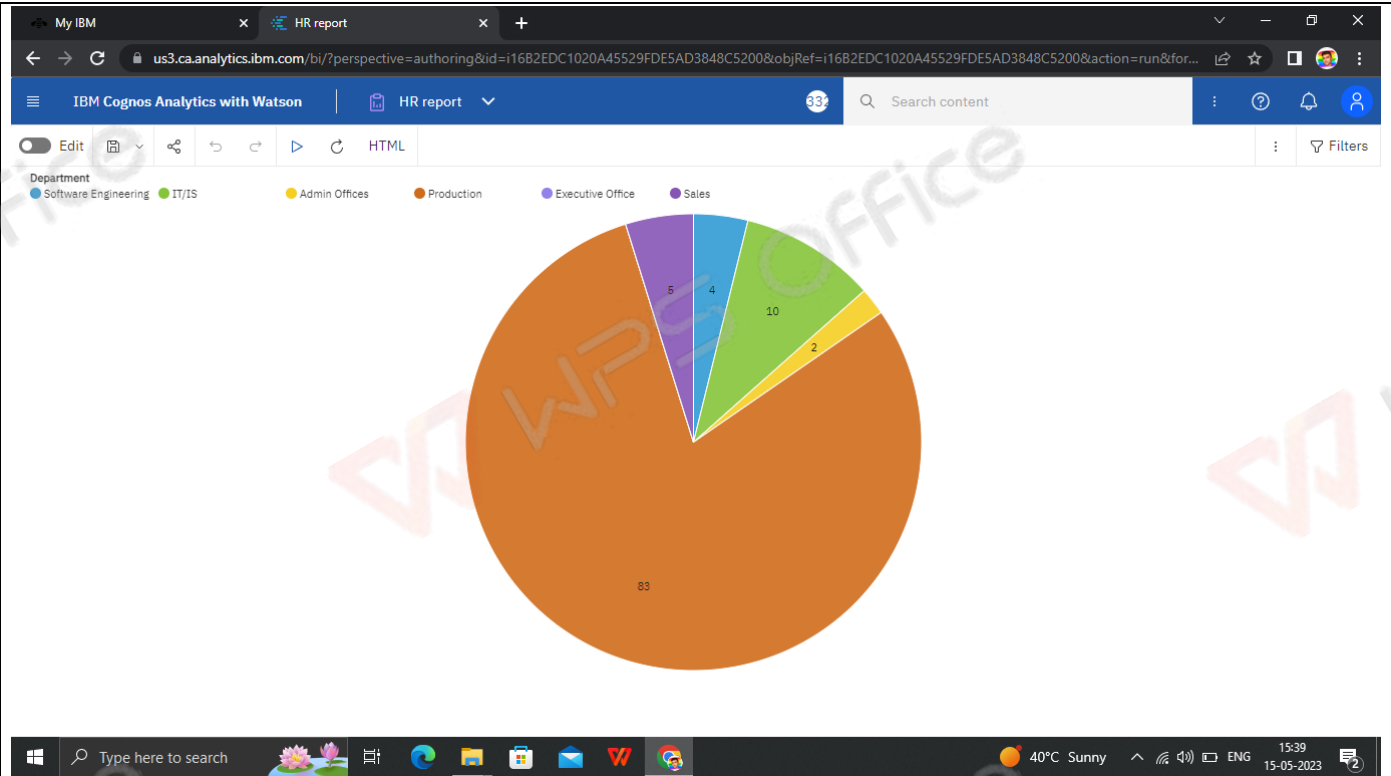






REPORT





STORY

Analytics Filters

EMPLOYEES

EmpID

311

Prev scene

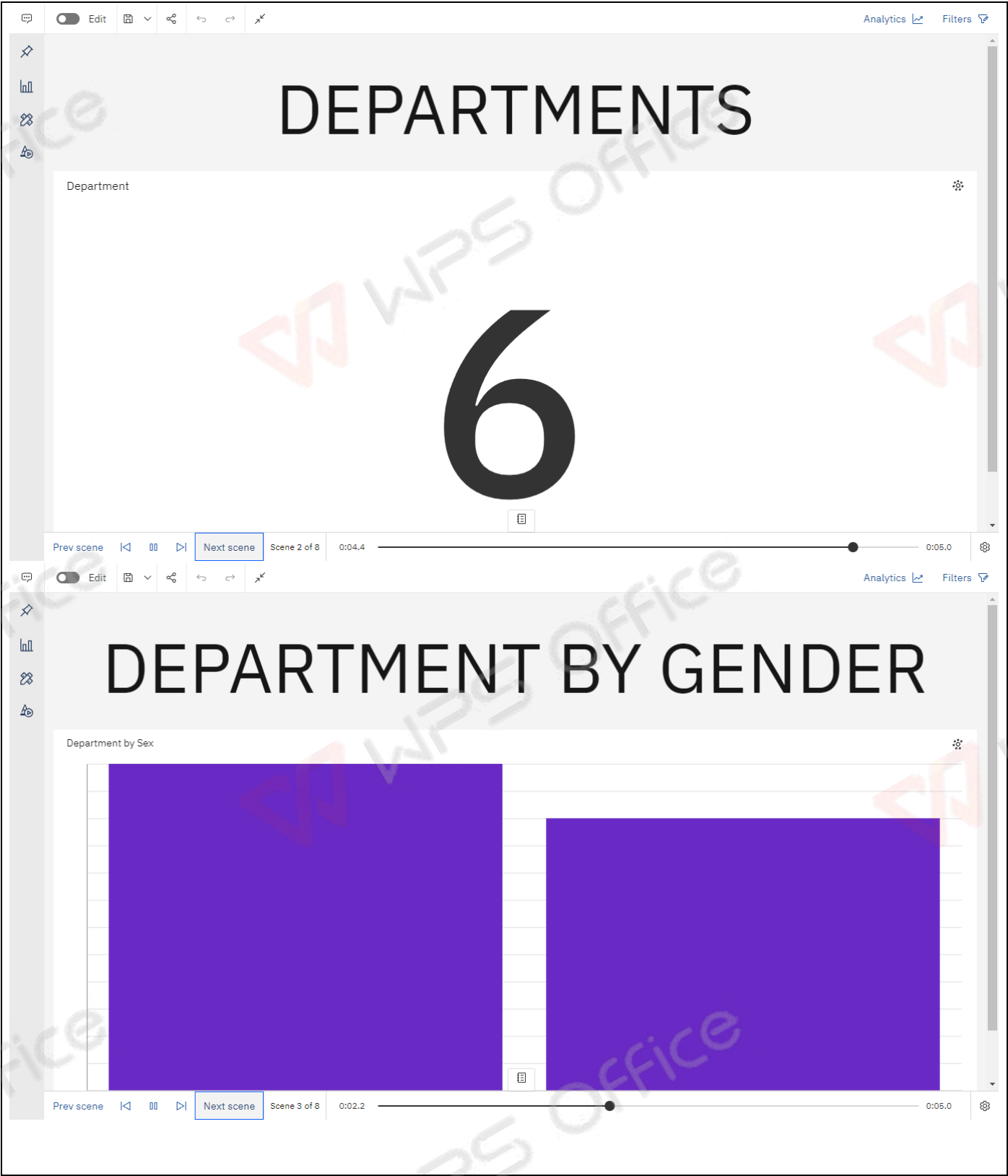


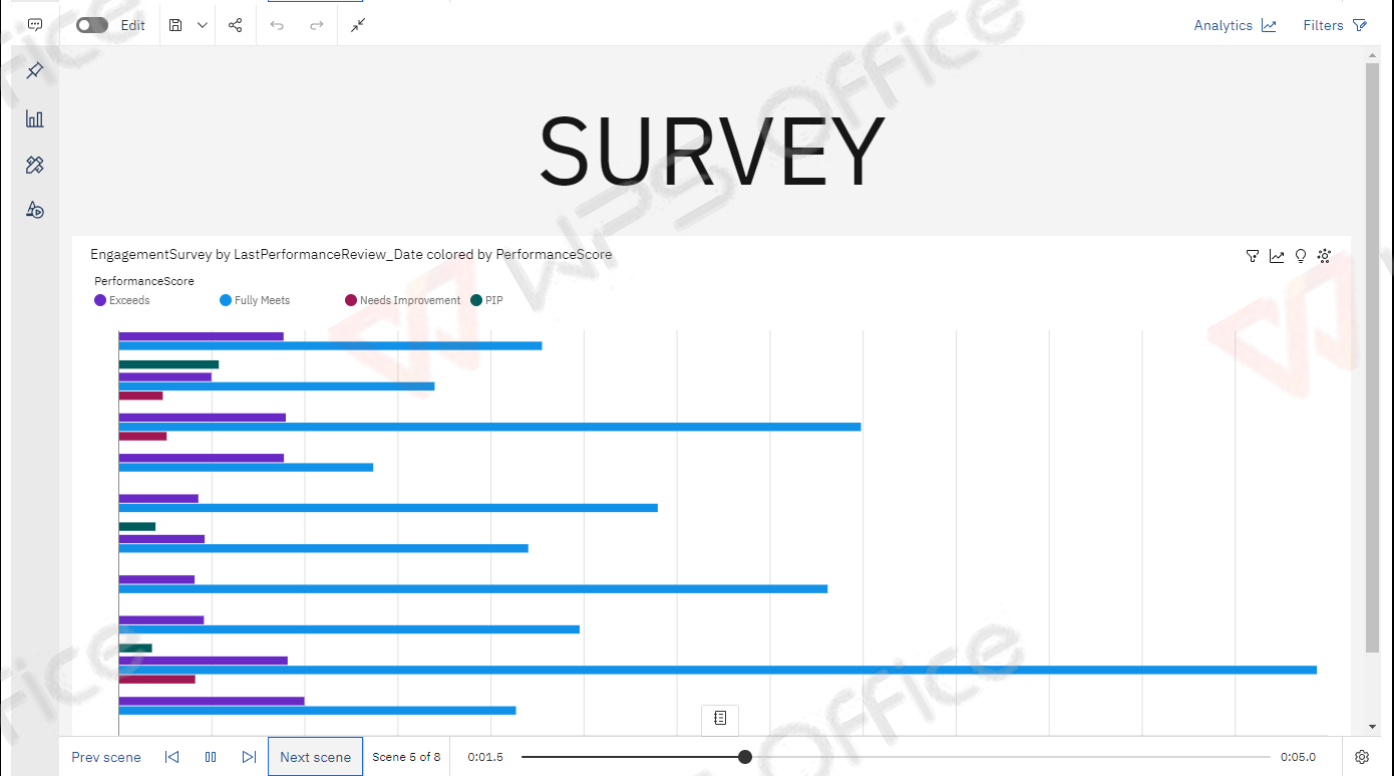
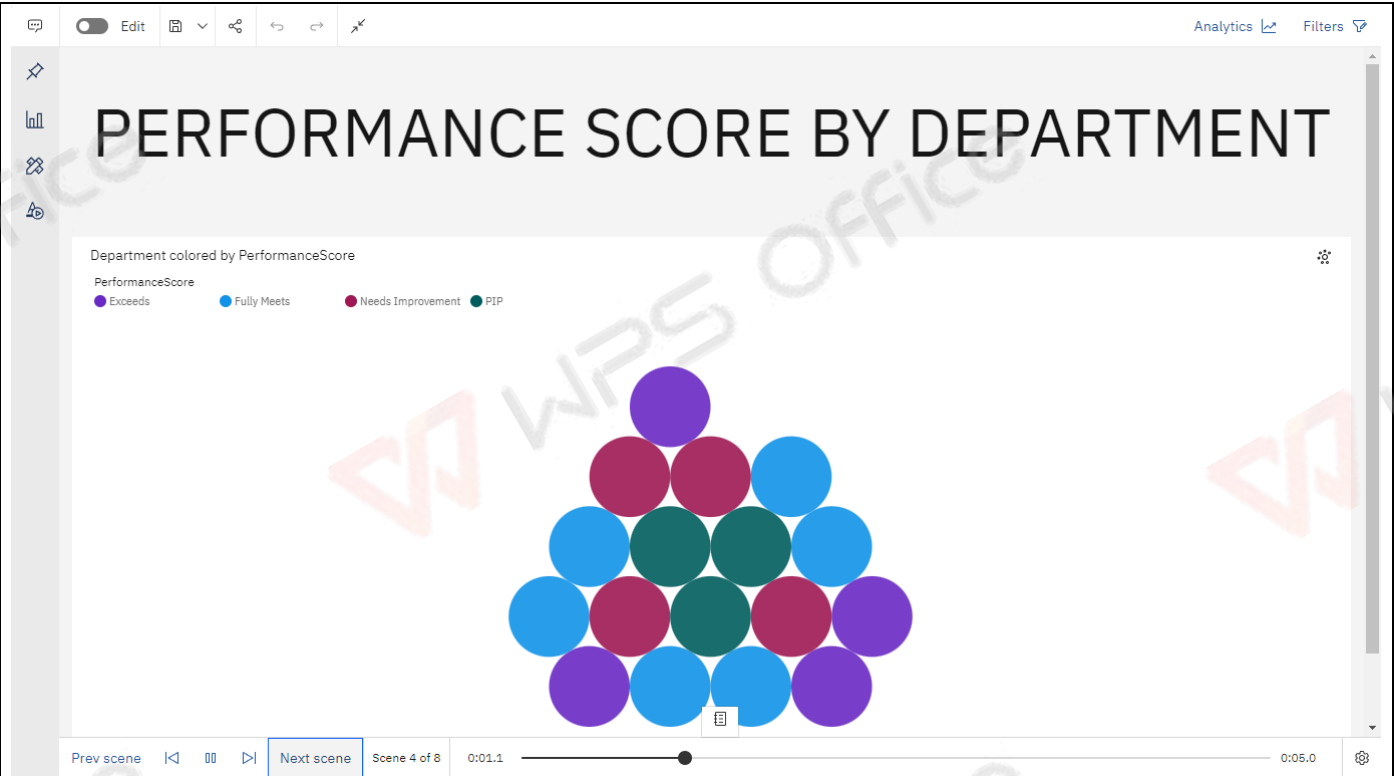
Next scene

Scene 1 of 8

0:05.0

0:05.0

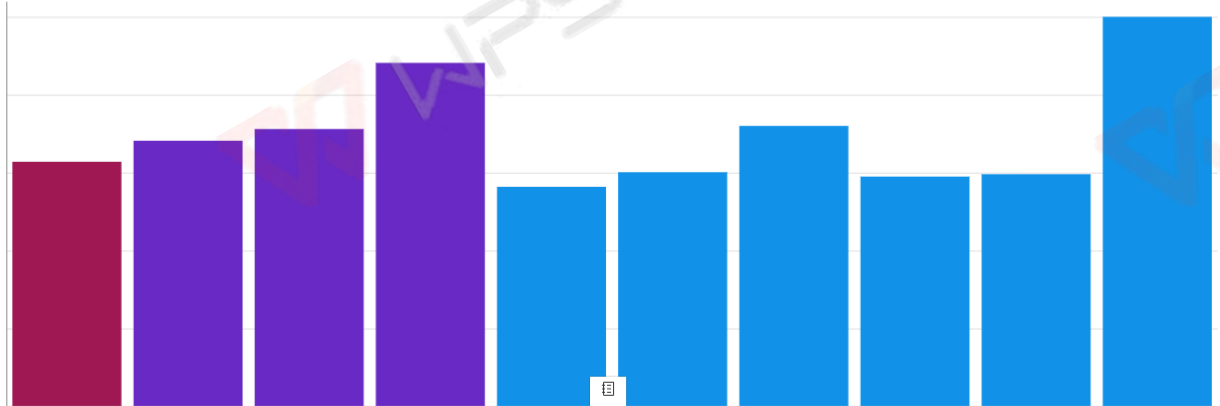




EMPLOYEES IMPROVEMENTS

Salary by DOB colored by PerformanceScore

PerformanceScore
● Exceeds ● Fully Meets ● Needs Improvement



Prev scene | Next scene

Scene 6 of 8

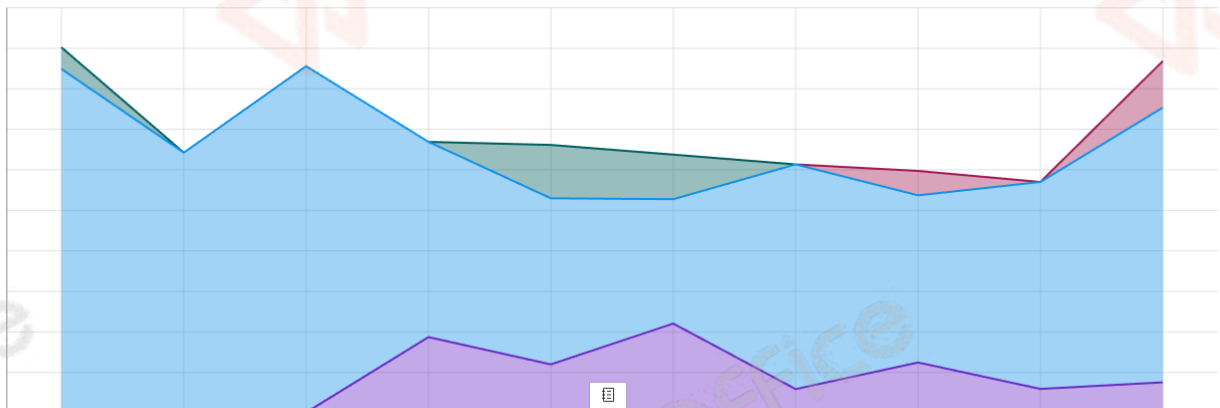
0:01.1

0:05.0

HIRED PERFORMANCE SCORE

Salary by DateofHire colored by PerformanceScore

PerformanceScore
● Exceeds ● Fully Meets ● Needs Improvement ● PIP



Prev scene | Next scene

Scene 7 of 8

0:01.2

0:05.0

