Problem Statement

This is the data of an xyz corporate where it stores the information of all the employees, the manager wants to analyse certain aspects of this data.

Data Cleaning and Preparation

- Clean and prepare the data for analysis (Null value, Correct columns name, Remove unnecessary columns)
- Merge DOJ and Employee table

Make KPIs

- Total numbers of employees
- Average age of an employee
- Average salary of an employee
- Total salary given by employer
- Average leave balance

Analysis

Q1. Create age groups of Young (0-32), Elder (33-49) and Wise (above 50) and Q2. Find how many employees are in these groups?

Q3. Find if there is any gender difference in salary?

Q4. Does Education affect salary level?

Q5. Calculate the Average salary of male?

Q6. Does age have any relation with average salary employee receives (Use age group)?

Q7. Find the percentage of male and female employees?

Q8. Find the year of service every employee has served in years (Column)?

Q9. Find how many employees has served for more than or equal to 5 years?

Q10. Find job title wise average salary and which job offers highest salary?

Q11. Find out how much percentage of total salary is given to each job title?

Q12. Does the salary increase with the increase in number of service year?

Q13. Find Weekday wise number of hiring's?

Q14. Find how many people work under each job title?

Q15. Create a final dashboard with all the important visualisations?