

The background is a low-angle, upward-looking shot of a modern glass skyscraper, creating a sense of height and corporate environment. The image is tinted in various shades of blue. A large white hexagon is centered on the page, containing the title text. Four smaller hexagons are positioned around the main hexagon: one at the top right, one at the bottom right, and two on the left side (one blue, one orange).

Employee Attrition Analysis

Problem Statement

XYZ company which was established a few years back is facing around a 15% attrition rate for a couple of years. And it's majorly affecting the company in many aspects. In order to understand why employees are leaving the company and reduce the attrition rate XYZ company has approached an HR analytics consultancy for analyzing the data they have. You are playing the HR analyst role in this project and building a dashboard which can help the organization in making data-driven decisions.



Overview of Dashboard



KPI's

Count of Employees: Contains how many employees are present in each department

Attrition: Shows how many employees have left their job

Attrition rate: refers to the rate at which employees leave an organization over a specific period of time.

Dax Query used

```
Attrition rate = SUM(HR_Analytics[Attritioncount])/SUM(HR_Analytics[EmployeeCount])
```

Average Age: Average age in which maximum employees are leaving company

Average Salary: Average Salary in which maximum employees are leaving company

Average Years: Average Years after which maximum employees are leaving company

Other Charts

Attrition by education: Donut Chart showing employees attrition based on their education background.

Attrition by age: Column chart showing which age group has left company the most.

Job Role: Matrix showing Employee leaving in 1st ,2nd ,third and fourth year based on their job roles.

Attrition by Salary Slab: Bar chart showing which salary group has left company the most.

Attrition by Years in company: Area chart showing attrition count of Employees with years spent in Company

Attrition by Job Role: Bar chart showing topmost 4 Job role with highest Attrition

Slicers

Department wise Slicers: Human resource, Research & development ,Sales

Gender wise Slicers: To see attrition by gender male and female

Insights

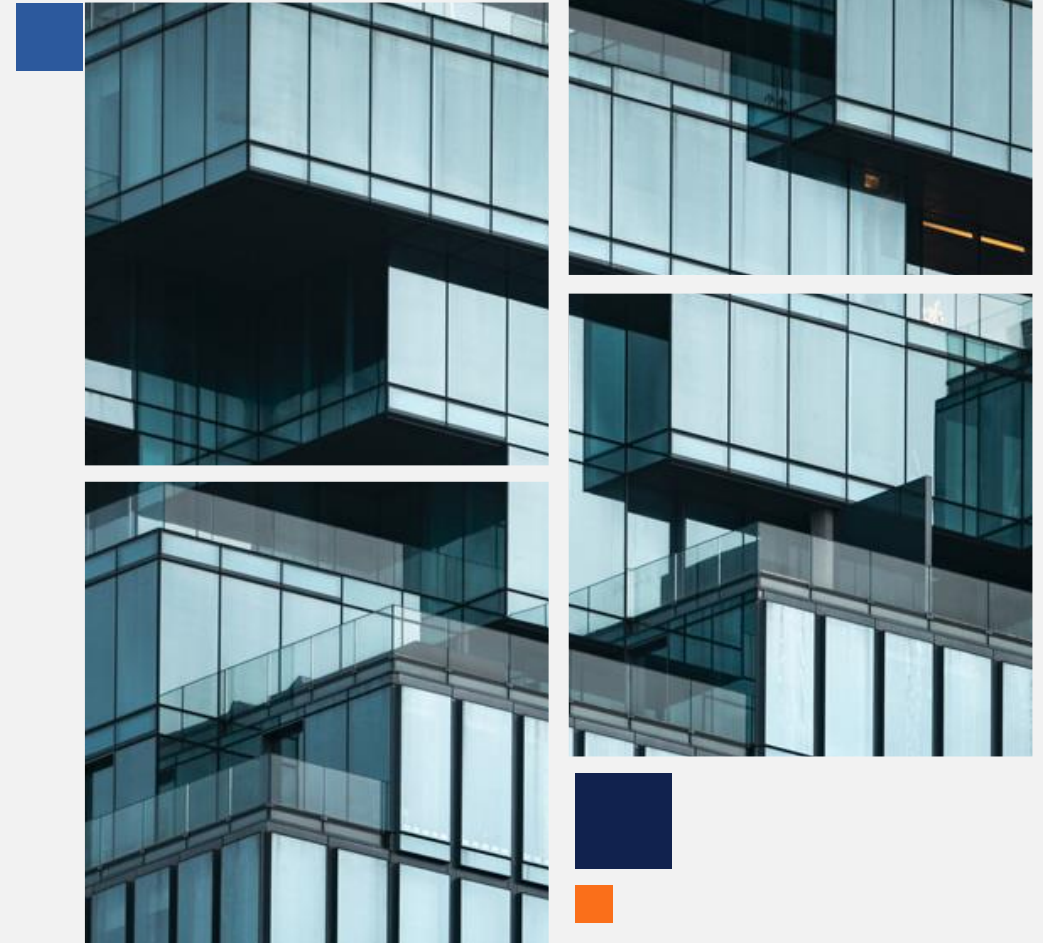
Sales Department have highest attrition rate ,males with age from 26-35 job roles as sales executive and salary upto 5k are leaving company after 1 year.

Attrition rate is 2nd highest in Human Resource department females with age 26-35 and salary upto 5k are leaving company after 1 year

In Research & Development, Male Employees having age between 26-35 salary upto 5k and Job role of laboratory Technician are leaving company after 1 year

Age group from 26-35 and salary upto 5k ,Employees are leaving the company from every department

Maximum attrition of Employees is occuring after 1 year



HR ANALYTICS DASHBOARD

Human Resources

Research & Development

Sales

Count of Employees

961

Attrition

133

Attrition Rate

13.84%

Avg Age

37

Avg Salary

6.3K

Avg Years

6.9

Attrition by Gender

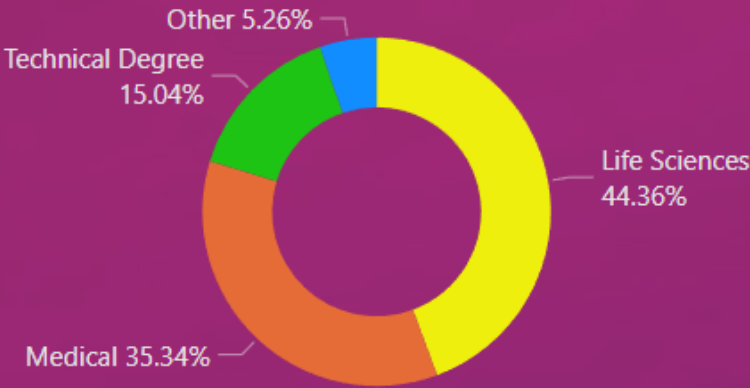
Male

88

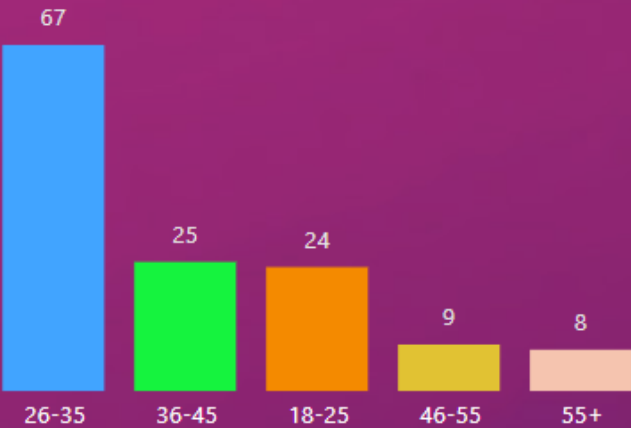
Female

39

Attrition by Education



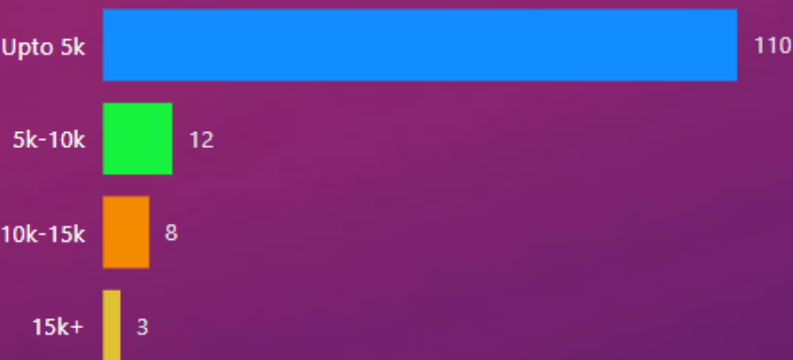
Attrition by Age



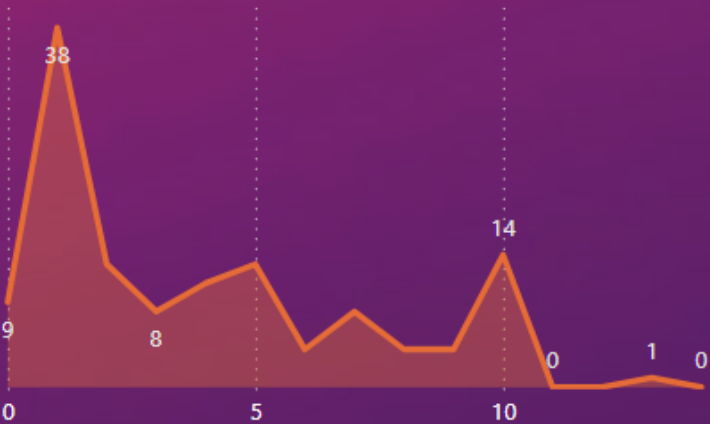
JobRole

	1	2	3	4	Total
Research Scientist	13	10	15	9	47
Research Director	0	1	1	0	2
Manufacturing Director	2	2	4	2	10
Manager	1	1	1	0	3
Laboratory Technician	20	8	21	13	62
Healthcare Representative	2	2	1	4	9
Total	38	24	43	28	133

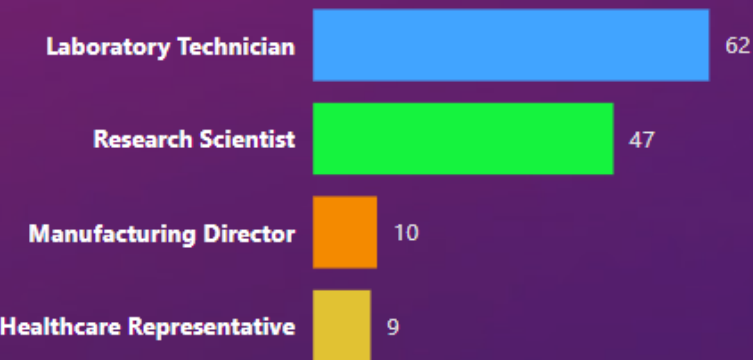
Attrition by Salary Slab



Attrition by Years in Company



Attrition by Job Role



HR Analytics Dashboard

Human Resources

Research & Development

Sales

Attrition by Gender

Count of Employees

446

Attrition

92

Attrition Rate

20.63%

Avg Age

37

Avg Salary

7.0K

Avg Years

7.3

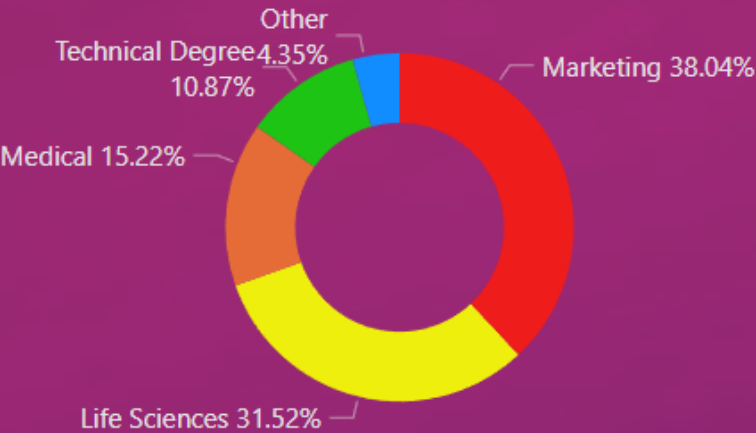
Male

50

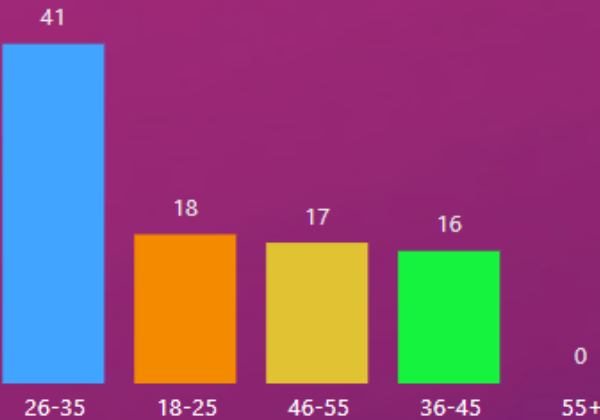
Female

35

Attrition by Education



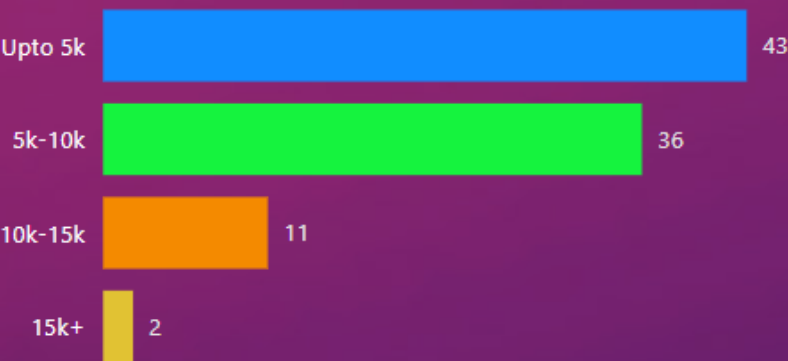
Attrition by Age



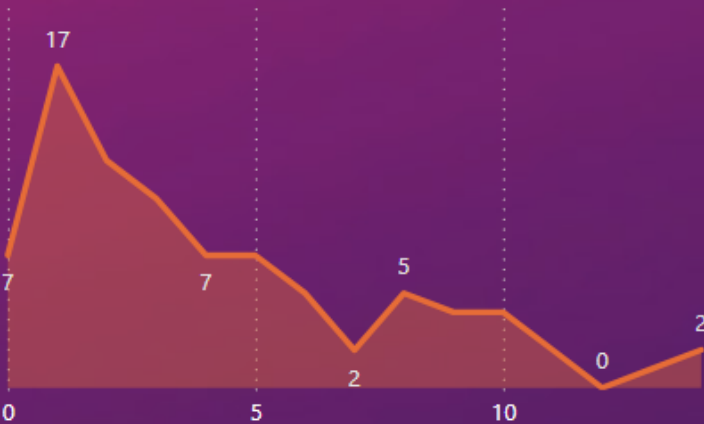
JobRole

	1	2	3	4	Total
Sales Representative	7	10	9	7	33
Sales Executive	16	9	18	14	57
Manager	0	1	0	1	2
Total	23	20	27	22	92

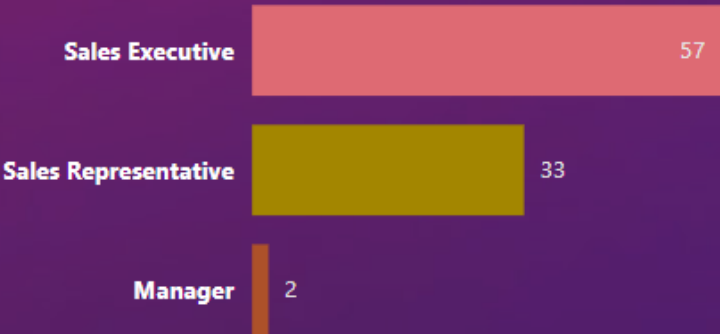
Attrition by Salary Slab



Attrition by Years in Company



Attrition by Job Role



HR ANALYTICS DASHBOARD

Human Resources

Research & Development

Sales

Attrition by Gender

Count of Employees

63

Attrition

12

Attrition Rate

19.05%

Avg Age

38

Avg Salary

6.7K

Avg Years

7.2

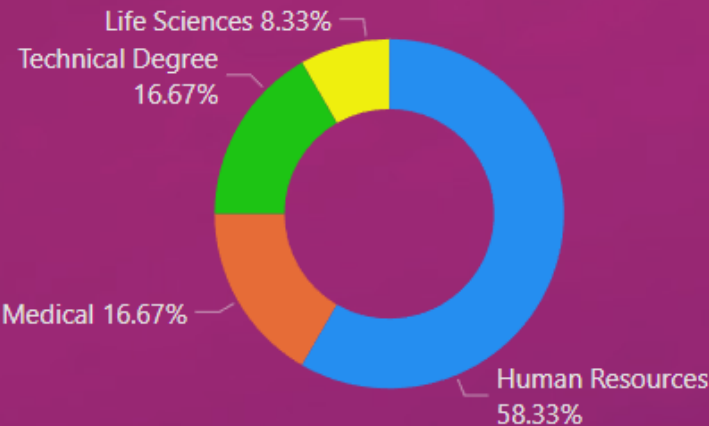
Female

6

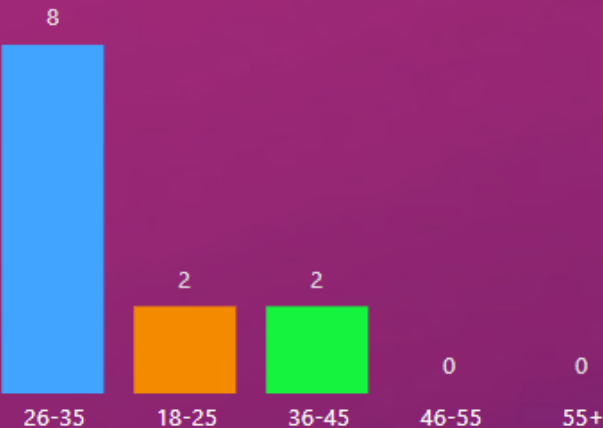
Male

5

Attrition by Education



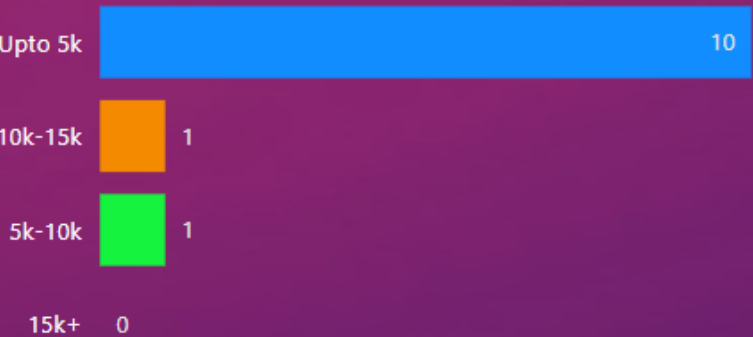
Attrition by Age



JobRole

	1	2	3	4	Total
Manager	0	0	0	0	0
Human Resources	5	2	3	2	12
Total	5	2	3	2	12

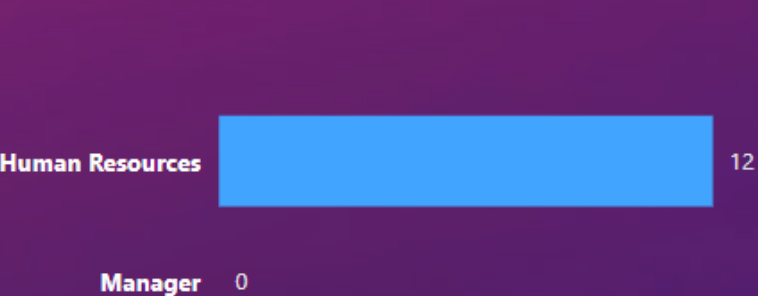
Attrition by Salary Slab



Attrition by Years in Company



Attrition by Job Role



Thanks

Sagar

sagarchauhan2952@gmail.com

