Project Title

Analysis and visualization of Human Recourse dataset for report and dashboard using Business intelligence.

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Project Guide Name
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Problem Statement:

Analysis of Super Store Market Analysis to help the organization take a meaningful right decision and find Insights to excel their business.
Task 1: predict Which Department will go to the Business Travel.
Task 2: Find out how is work life and training time by the job role.
Task 3: Find out the number of employees will go for a business travel.
Task 4: Find out the monthly income among the education fields.
Task 5: Find out the job level by the education field.
Task 6: Find out the monthly income across the department.
Task 7: Find out the bottom 5 job roles which as lowest monthly income..
Task 8: Find out the top 5 job roles which as highest monthly income.
Task 9: Find out the job role from their job level.
Task 10: Find out the education fields which as job satisfaction

Tools:

- Excel.
- PowerBi.

Technology:

- Sourcing.
- Data cleaning.
- Exploratory Data Analysis.
- Data visualization

Project methodology as mentioned:

Project Methodology:
• Collect the raw dataset:
• Collect the raw dataset which is used to perform our project

• Perform Data Cleaning:
• Data Cleaning includes removing null values, Duplicates and convert to appropriate Data type

• Exploratory Data Analysis:
• In this step we understand the data and find the relationships if there are any non-required columns present then remove

• Data Visualization:
• After Exploratory Data Analysis we can convert data into graphical format which is easy to understand

Insights:

1. The departments which go for business travel are Human Resources, Research & Development, sales.

2.The sales executive has the highest work life balance and training time .

3.The most number of employees travel very rarely that is 1M.

4.The Life Sciences has the maximum Monthly Income among the Education Field.

5. The maximum Job Level in the Education Field has for the Life Sciences which is 1K.

6.The Research & Development has maximum Monthly Income which is 6M.

7.The Bottom 5 Job Role with the lowest Monthly Income are Healthcare Representative, Research Scientist, Laboratory Technician, Human Resources, Sales Representative.

8. The top 5 Job Role which has the highest Monthly Income are Sales Executive, Manager, Research Director, Healthcare Representative.

9. The Sales Executive has the maximum job level.

10. The Life Sciences has the maximum job satisfaction among all the education fields

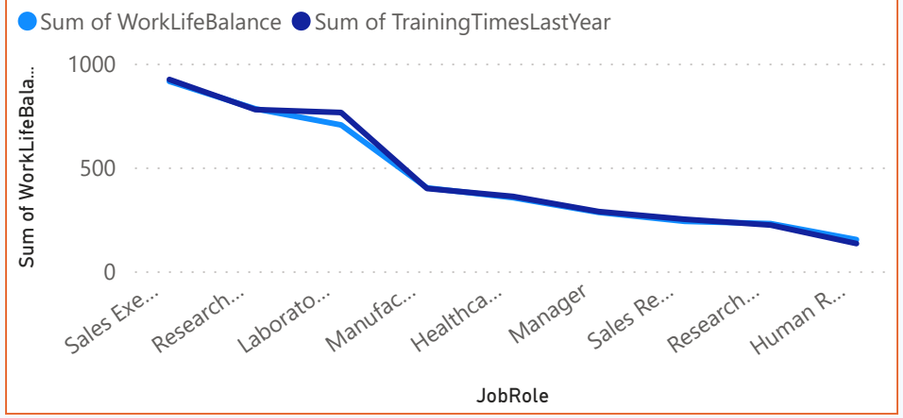
Human Recourse dataset for report

Monthly Income	Employee Number
9.5M	1.5M

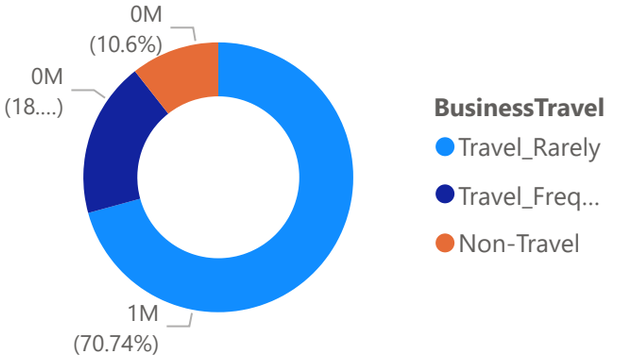
Business Travel by Department

Department	BusinessTravel
Human Resources	Non-Travel
Human Resources	Travel_Frequently
Human Resources	Travel_Rarely
Research & Development	Non-Travel
Research & Development	Travel_Frequently
Research & Development	Travel_Rarely
Sales	Non-Travel
Sales	Travel_Frequently
Sales	Travel_Rarely

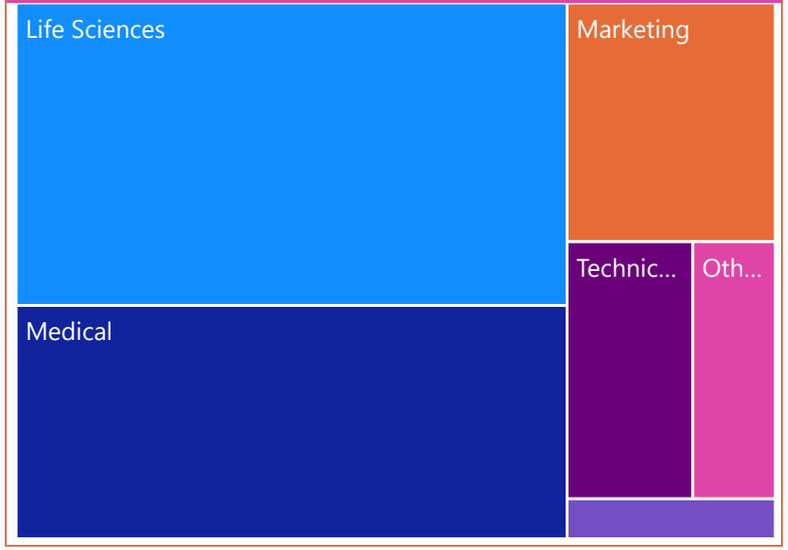
WorkLife Balance and Training Time by Job Role



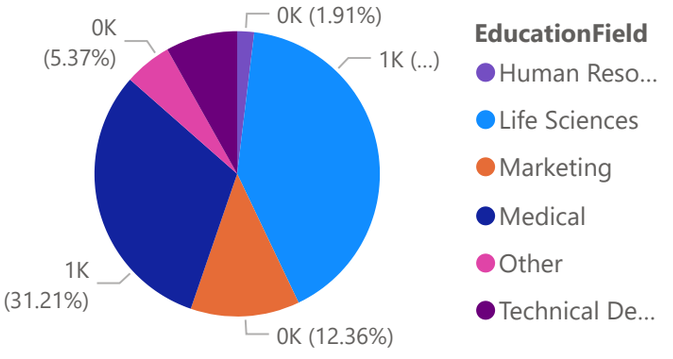
Employees by Business Travel



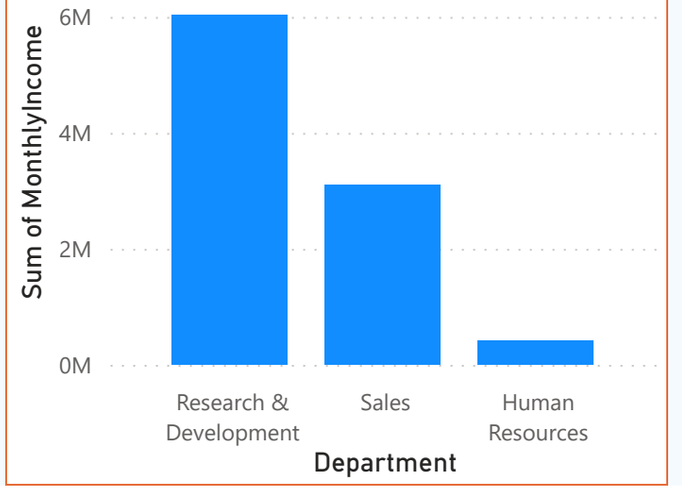
Monthly Income across Education Field



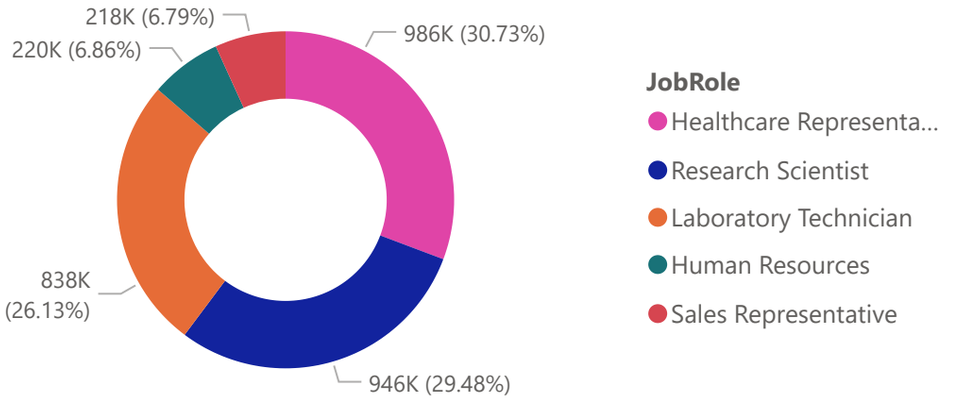
Job Level by Education Field



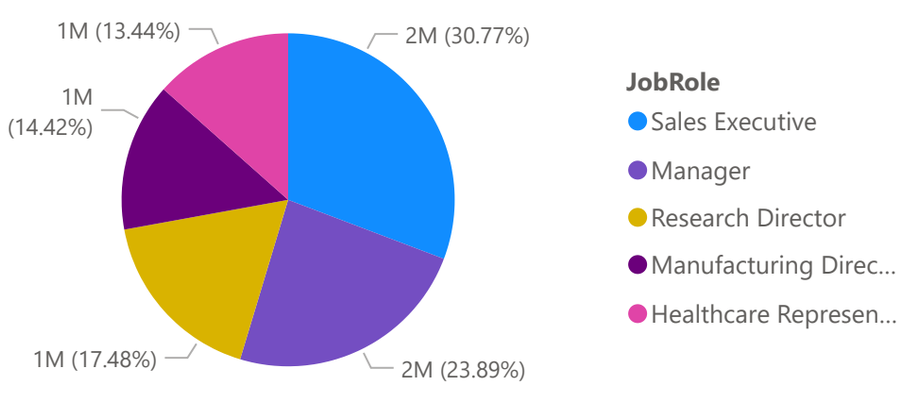
Monthly Income across Department



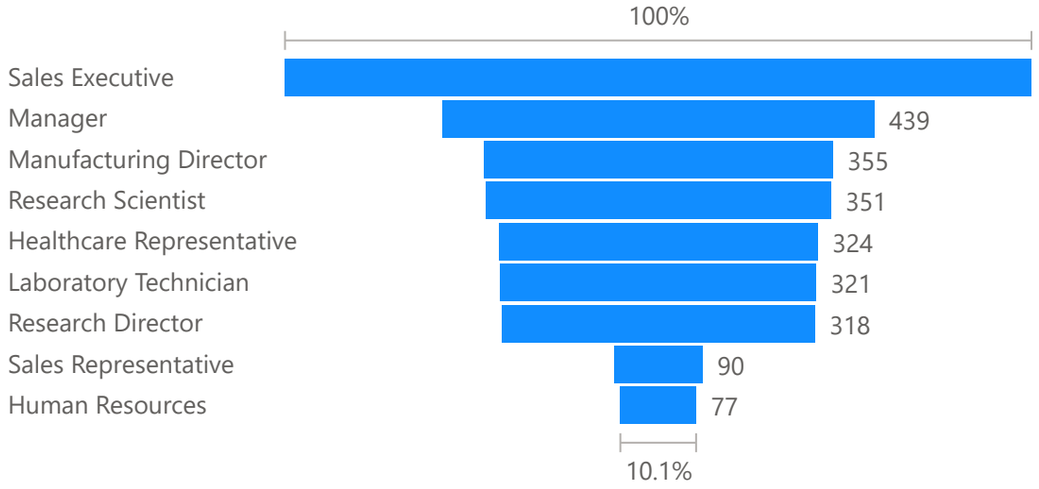
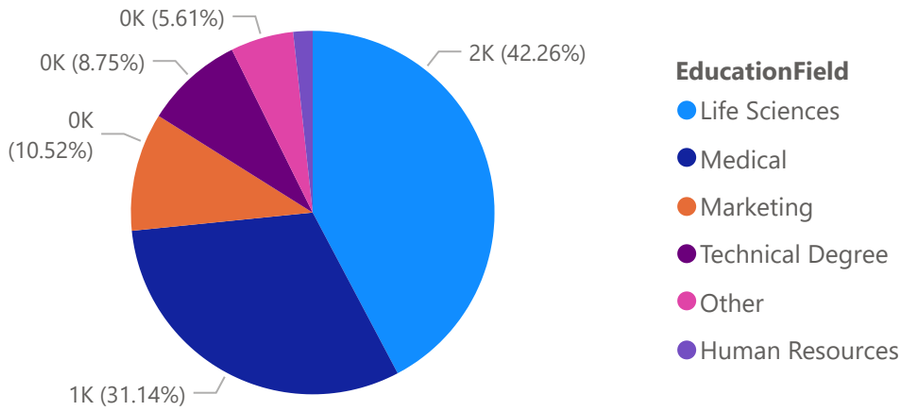
Bottom 5 Monthly Income by Job Role



Top 5 Montly Income by Job Role



Job level by Job Role



Jobsatisfaction by Education Field