HUMAN RESOURCES ANALYTICS DASHBOARD – TASK 4

PROJECT DESCRIPTION:

This dashboard helps HR teams understand employee details using data. It shows overall job satisfaction, attrition, salary, and department-wise insights. Filters (slicers) are used to explore data by gender, job role, and department. Bookmarks are added for easy navigation between report pages.

VISUALS USED:

1. **Card Visuals:**
   - Average Job Satisfaction
   - Attrition Rate
   - Total Employees
   - Average Salary

2. **Bar/Column Charts:**
   - Average JobSatisfaction by Department
   - Count of EmployeeNumber by Department and Attrition
   - Count of EmployeeNumber by Department
   - Average MonthlyIncome by JobRole

3. **Donut Chart:**
   - Count of EmployeeNumber by Gender

4. **Slicers (Filters):**
   - Job Role
   - Gender
   - Department

🎛️ DAX / Formulas Used:

You might have used the following basic measures (if customized):

DAX

AverageSalary = AVERAGE(EmployeeData[MonthlyIncome])

AvgJobSatisfaction = AVERAGE(EmployeeData[JobSatisfaction])

AttritionRate = COUNT(EmployeeData[Attrition])

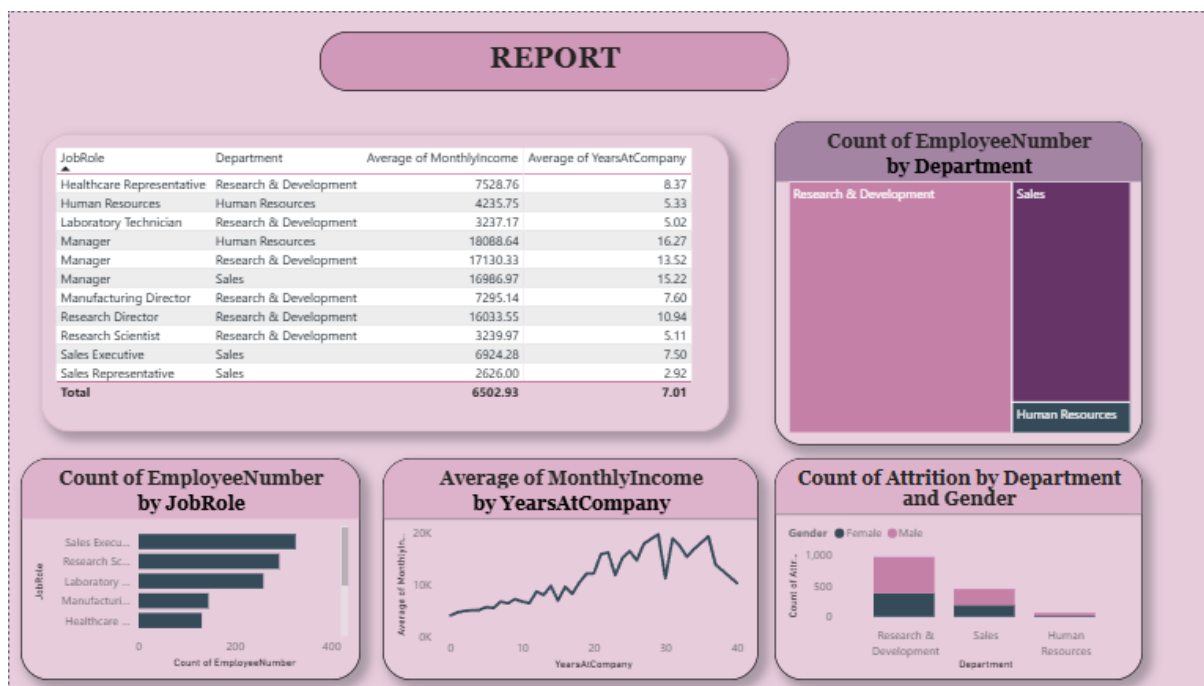TotalEmployees = COUNT(EmployeeData[EmployeeNumber])

Features Added:

- **Bookmarks:** For switching between "REPORT", "DASHBOARD", and "ANALYSIS" pages

- **Slicers:** Used to filter visuals by Gender, Department, and Job Role

- **Theme:** Customized background color and shadow effect for modern look

- **Page Navigation:** Clean buttons added for user interaction

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DASHBOARD
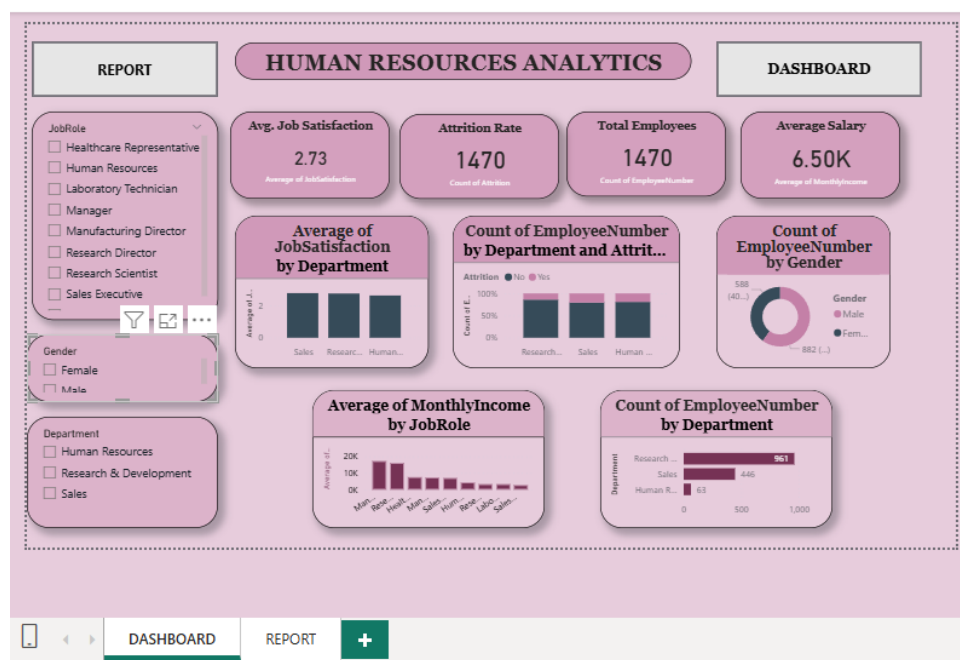
This project helps analyze employee data like job satisfaction, salary, and attrition.

It shows department-wise and gender-wise employee distribution.

HR can use slicers to filter by job role, department, or gender for better insights.

Bookmarks and visuals make navigation and understanding easy and interactive.

REPORT

JobRole	Department	Average of MonthlyIncome	Average of YearsAtCompany
Healthcare Representative	Research & Development	7528.76	8.37
Human Resources	Human Resources	4235.75	5.33
Laboratory Technician	Research & Development	3237.17	5.02
Manager	Human Resources	18088.64	16.27
Manager	Research & Development	17130.33	13.52
Manager	Sales	16986.97	15.22
Manufacturing Director	Research & Development	7295.14	7.60
Research Director	Research & Development	16033.55	10.94
Research Scientist	Research & Development	3239.97	5.11
Sales Executive	Sales	6924.28	7.50
Sales Representative	Sales	2626.00	2.92
Total		**6502.93**	**7.01**

Count of EmployeeNumber by Department

Research & Development | Sales | Human Resources

Count of EmployeeNumber by JobRole

Average of MonthlyIncome by YearsAtCompany

Count of Attrition by Department and Gender

This report shows department-wise average income and employee experience.

It highlights job roles with the highest number of employees and salary trends over years.

Treemap and bar charts help compare employee distribution and attrition by gender.

Useful for HR to spot department growth, gender gaps, and long-term value roles.