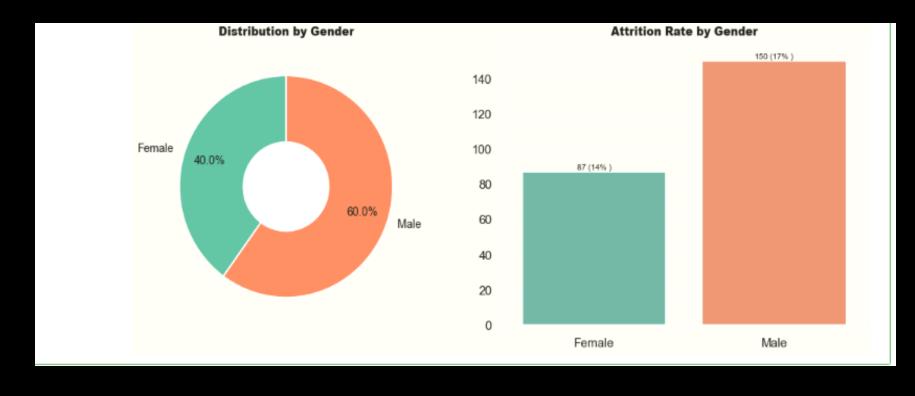
HR Attrition Data

Elijah Cruz

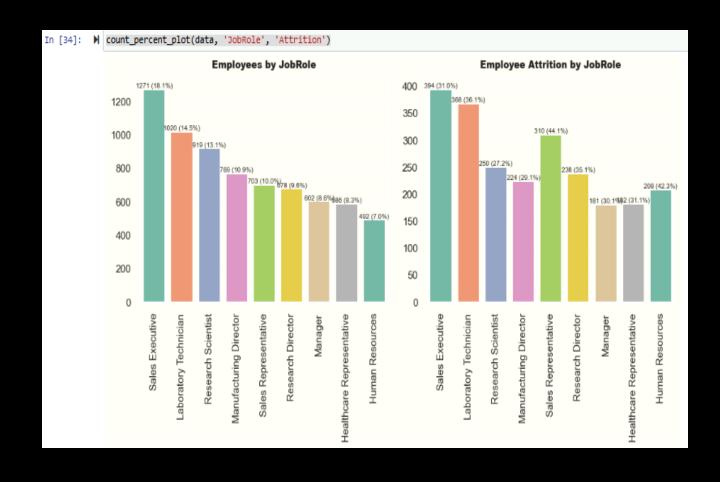
Attrition By Gender

Distribution by Gender: A donut chart showing that your workforce is composed of 60% male and 40% female employees. Attrition Rate by Gender: A bar chart displaying that there are 100 male employees who have left (representing 17% attrition) compared to 87 female employees (14% attrition)



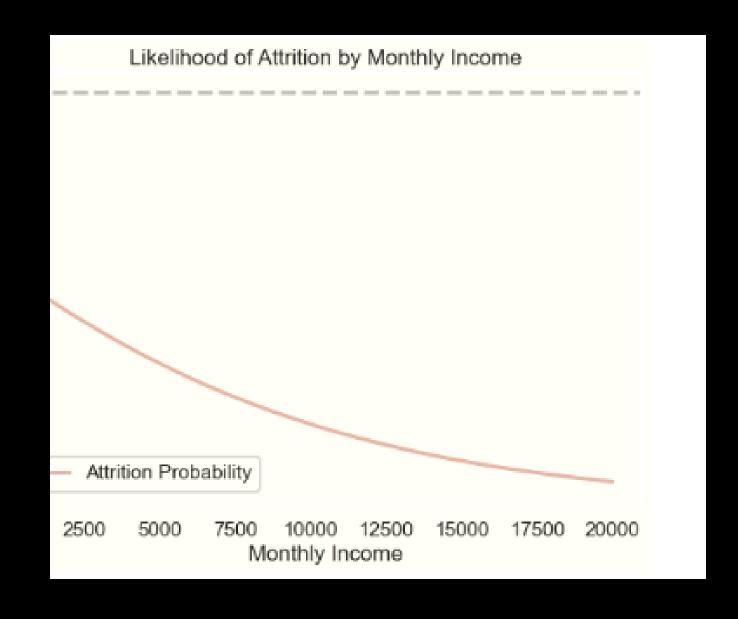
Job Role Attrition

Employees by JobRole: Shows the distribution of employees across different job roles, with Sales Executive having the highest count (1,271 employees, 18.1%) and Human Resources having the lowest (482 employees, 6.9%). Employee Attrition by JobRole: Shows the number of employees who have left from each role, with Sales Executive again having the highest attrition (394 employees, 31.0%) and Healthcare Representative having the lowest (206 employees, 42.3%)



Atrrition By Monthly Income

This graph shows the relationship between monthly income and probability of attrition. It clearly illustrates that employees with lower monthly incomes (around \$2,500) have a much higher probability of leaving the company (approximately 0.25 or 25%) compared to those with higher incomes (around \$20,000) who have a much lower attrition probability (about 0.05 or 5%).



Resources:

GeeksforGeeks. (2025, February 11). Feature selection techniques in machine learning. GeeksforGeeks.

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Aymanlbd. (2025, April 7). Employee Attrition analysis.

https://www.kaggle.com/code/aymanlbd/employee-attrition-analysis