**Data Visualization Project**

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| **Name** | |
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| **Title** | |
| Employee Attrition | |
| **Date** | |
| 27/4/2021 | |
| **Purpose** | |
| Determine which factors keep employees in the organization and which prompt others to leave | |
| **Null Hypothesis** | |
| Salary is the main factor of employee attrition | |
| **Methodology:** | |
|  | Attrition Status/Rate (Pie Chart) |
|  | Attrition by Gender (Pie Chart) |
|  | Attrition by Age and total working years (Pie chart and grouped bar chart) |
|  | Attrition by Education Level (Pie chart and bar chart) |
|  | Attrition by Job Role (Tree graph and bar chart) |
|  | Attrition by Job Satisfaction (Bar Chart) |
|  | Attrition by Salary (Bar Chart) |
|  | Determine WorkLifeBalance for each department (Bar chart and pie chart) |
|  | Attrition by Overtime Status (Pie Chart) |
|  | Attrition by Environment Satisfaction (Line Graph) |
|  | Importance of each features (Bar chart) |
| **Findings** | |
| Young employees tend to leave the organization more than the old employees. | |
| **Conclusion** | |
| Overtime is the top 1 factor of employee attrition, followed by Age then MonthlyIncome. | |
| **Dataset URL** | |
| *https://www.kaggle.com/patelprashant/employee-attrition* | |