A look at Shap Selected Features

T OverTime ⌄   T EnvironmentSatisfaction ⌄

Summary

1,058

Total Shap Selected Features

Employee Attrition Analysis Dashboard

This dashboard provides insights into employee attrition patterns and key factors influencing attrition decisions.
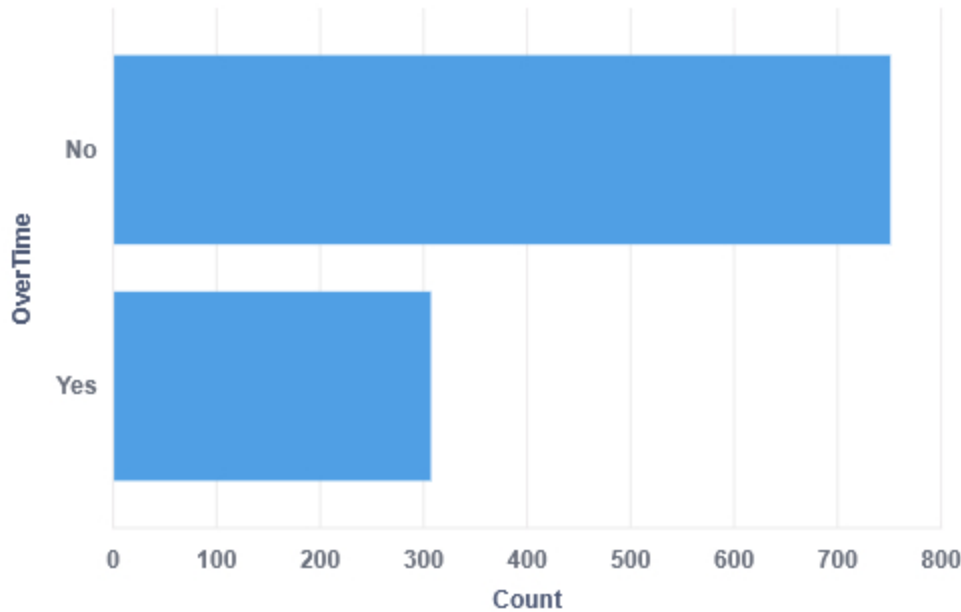
About SHAP Feature Selection: SHAP (SHapley Additive exPlanations) values help us understand which features most influence attrition predictions. The features shown in this dashboard were selected based on their SHAP importance scores, which measure how much each feature contributes to the model's predictions. Higher SHAP values indicate stronger influence on attrition decisions.
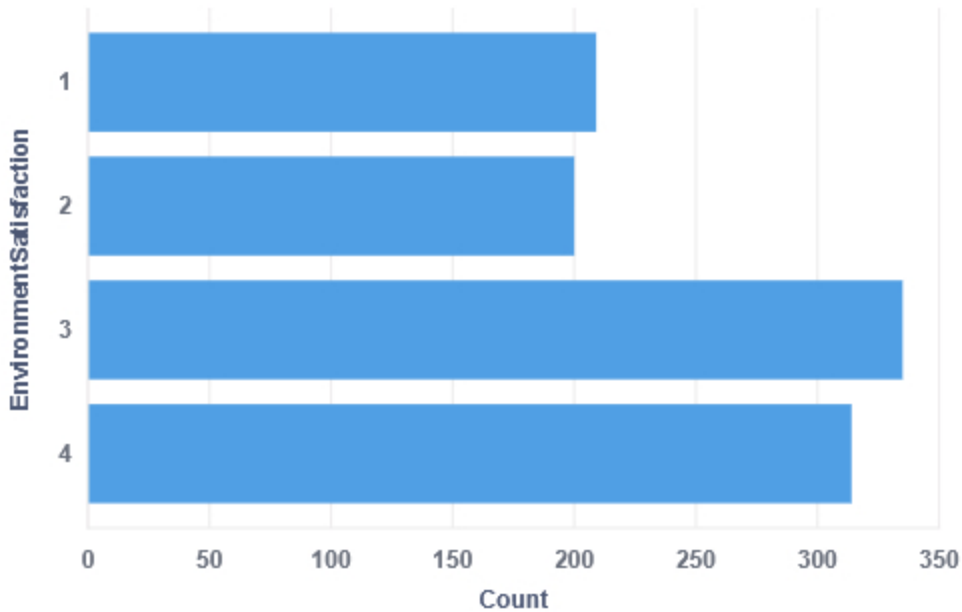
Key Features Selected: • OverTime: Most influential factor in attrition decisions • EnvironmentSatisfaction: Second most important factor • Age: Significant impact on attrition likelihood • MonthlyIncome: Important economic factor • DailyRate: Compensation-related influence • DistanceFromHome: Location impact on retention • RoleStability: Career progression factor • MonthlyRate: Additional compensation metric

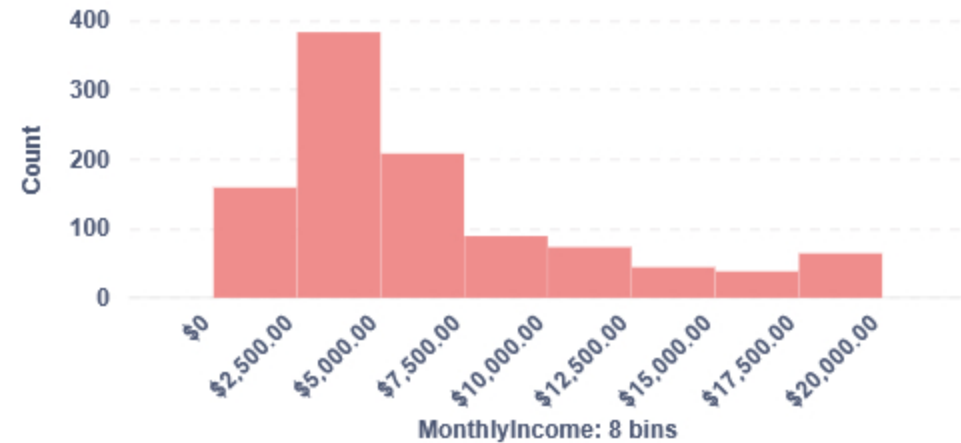## How these Shap Selected Features are distributed
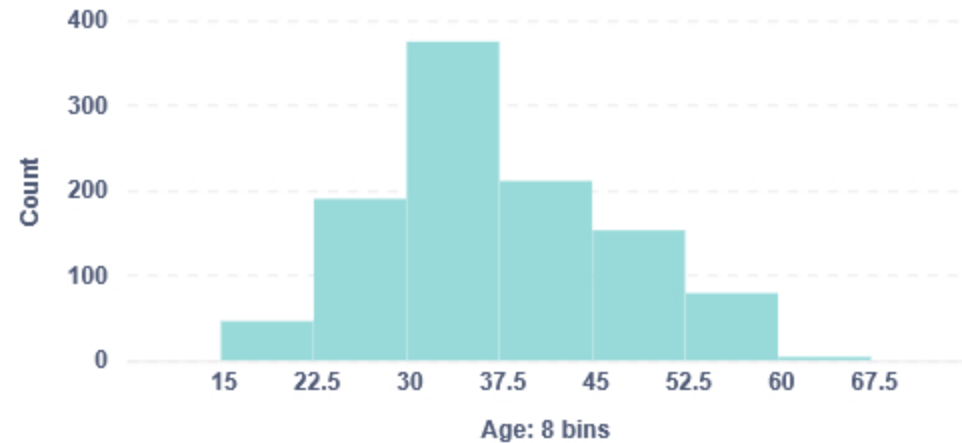
Shap Selected Features per OverTime

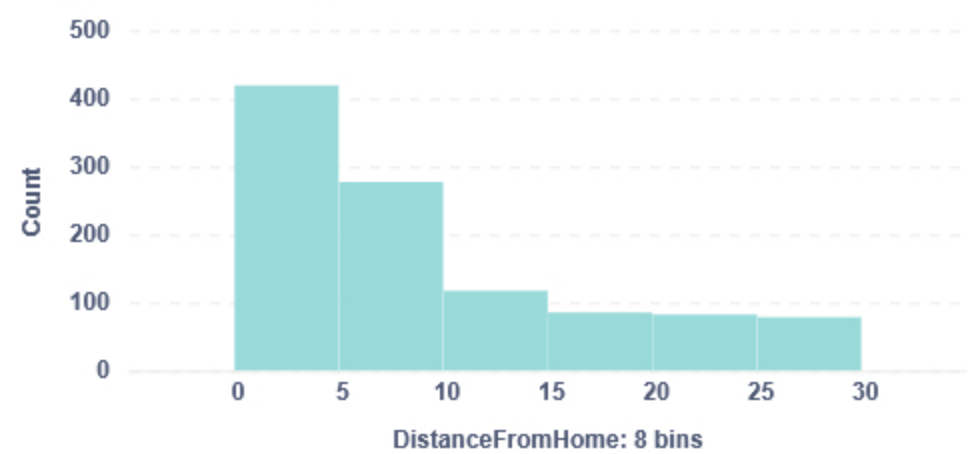**Shap Selected Features per EnvironmentSatisfaction**
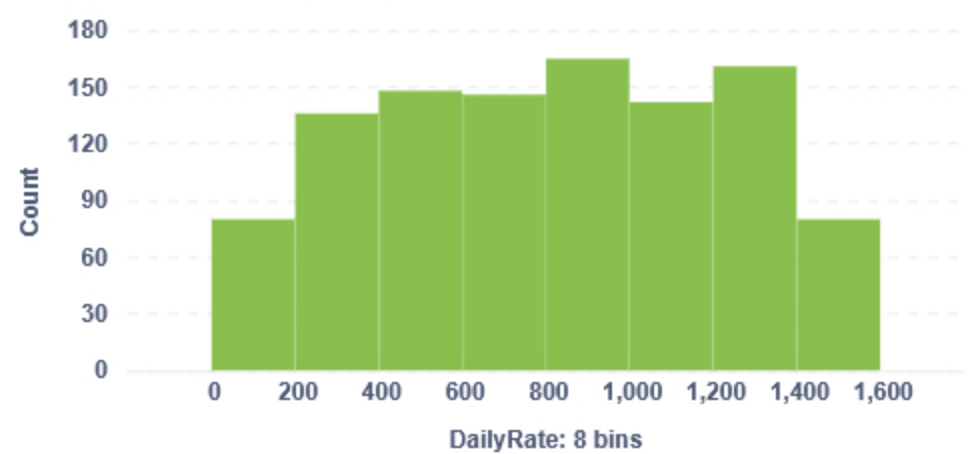

Shap Selected Features by MonthlyIncome

Shap Selected Features by Age

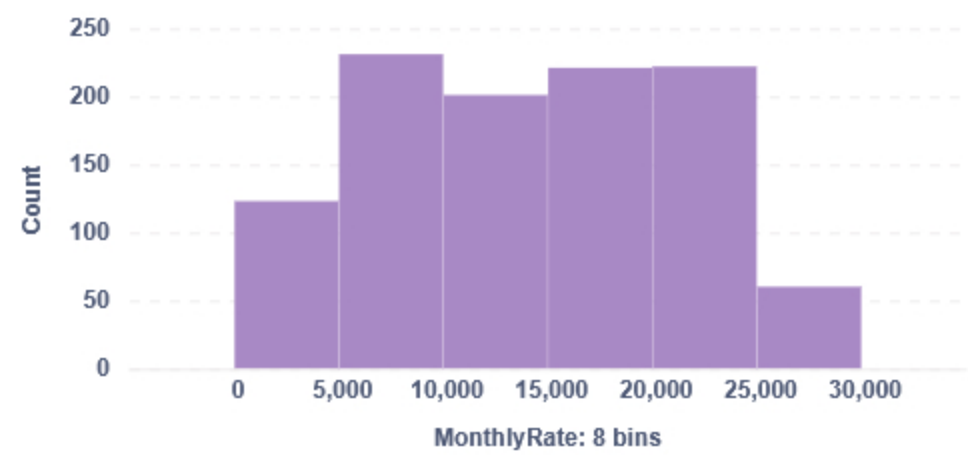## Shap Selected Features by DistanceFromHome

Count

DistanceFromHome: 8 bins

Shap Selected Features by DailyRate

Count

DailyRate: 8 bins

Shap Selected Features by MonthlyRate

Count

MonthlyRate: 8 bins

Shap Selected Features by RoleStability

Count

RoleStability: 8 bins