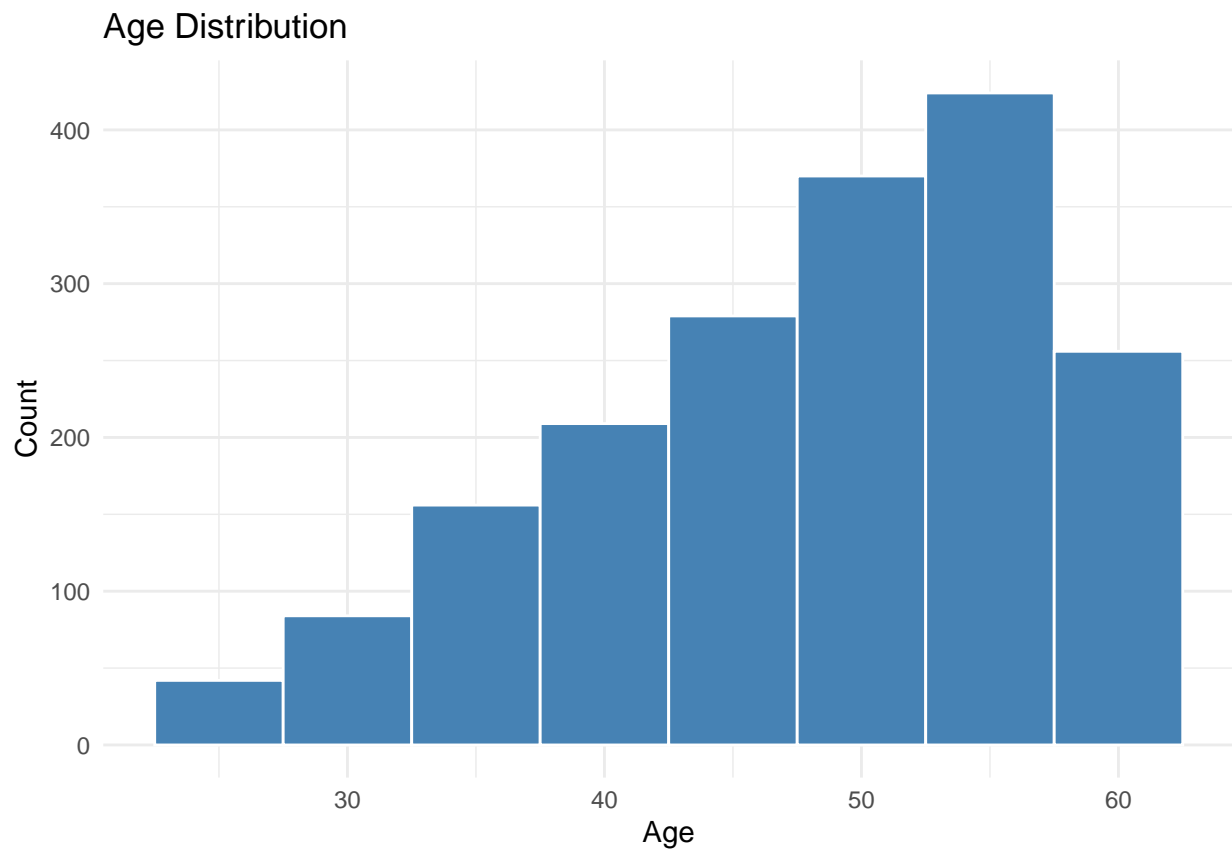
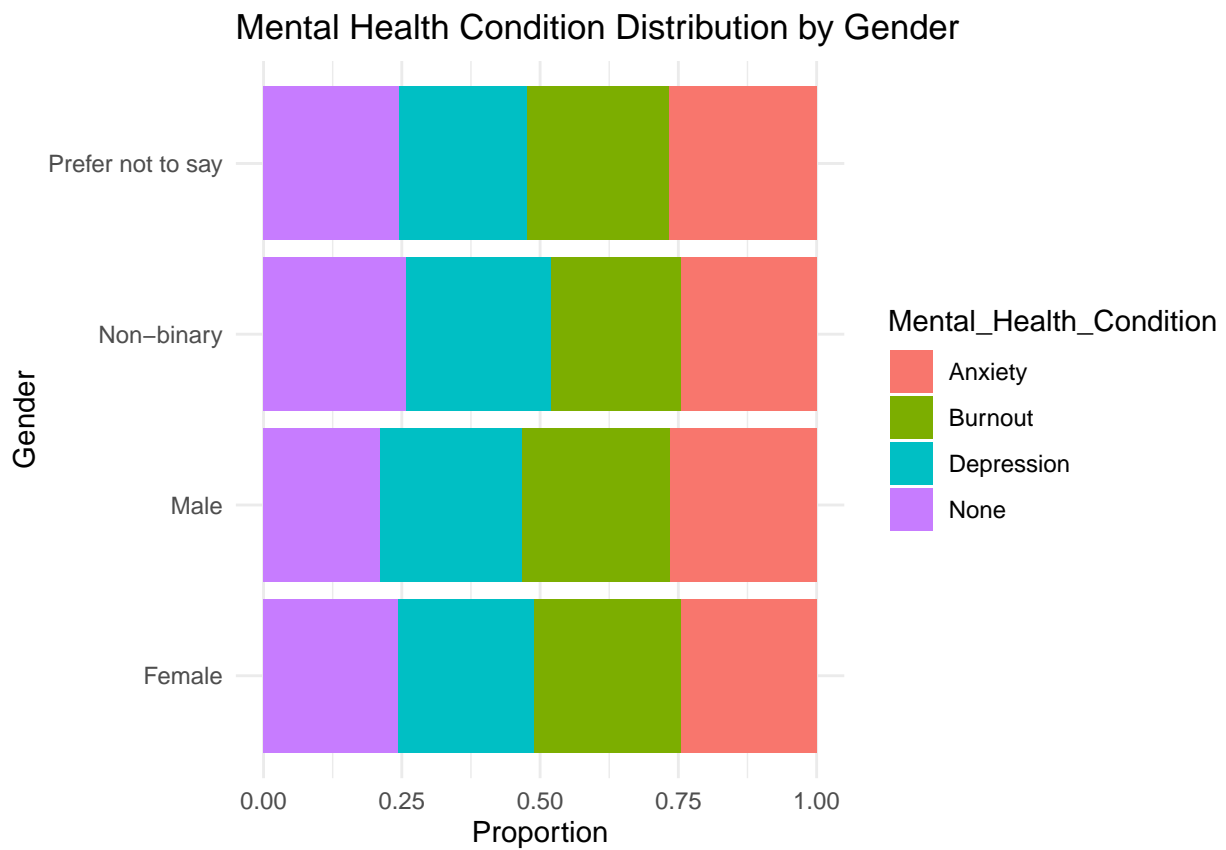
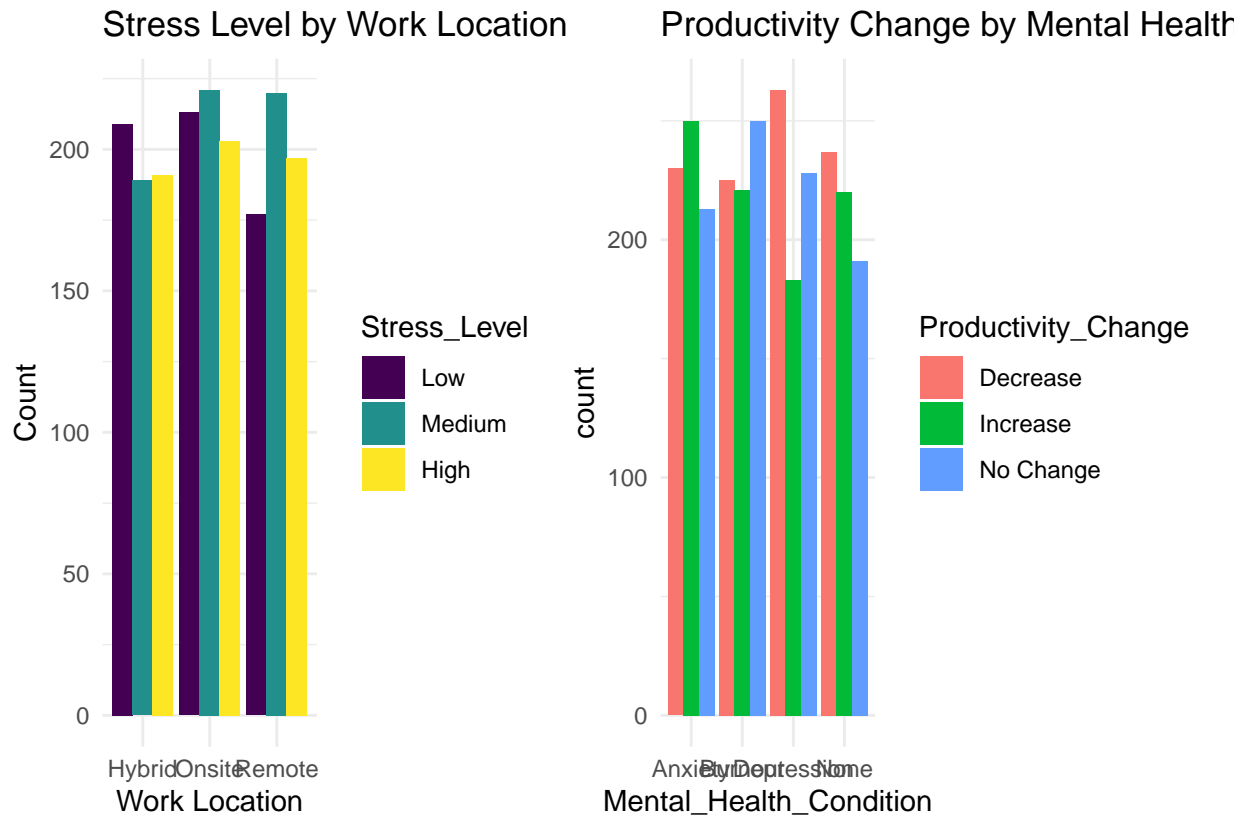


# Data621\_Final\_Project

Mubashira Qari

2025-04-26

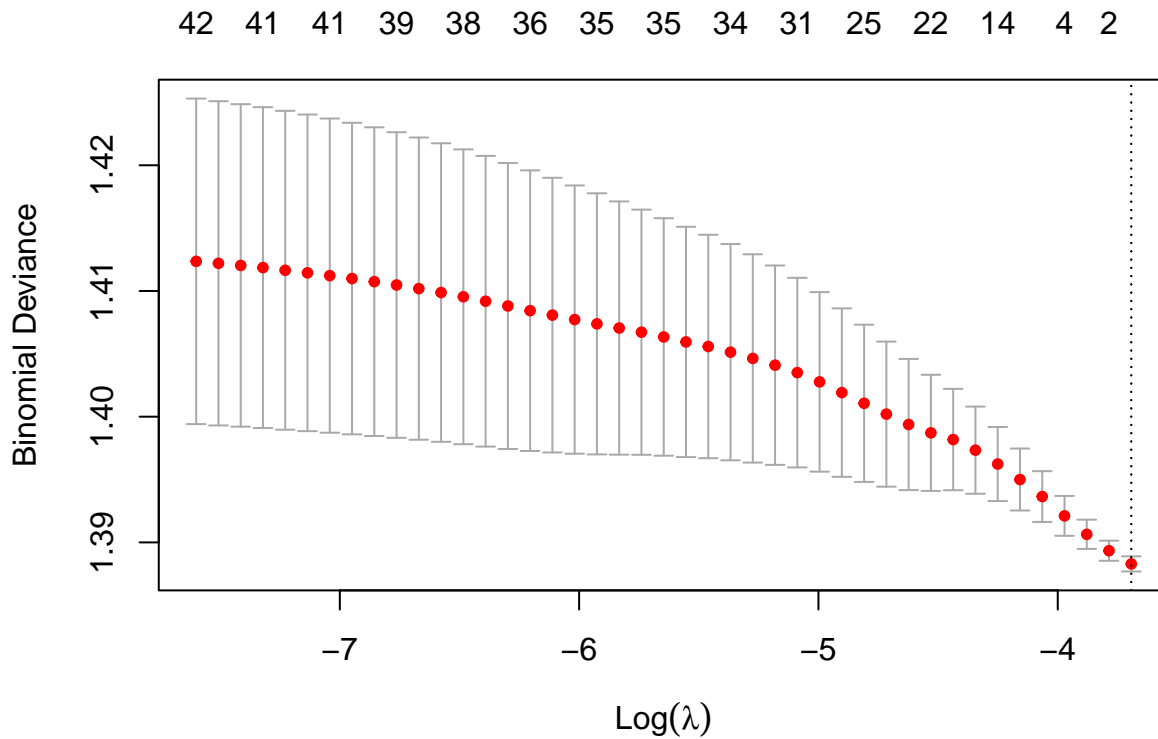




## Modeling & Results

Logistic Regression

## [1] 0.02490357



## Confusion Matrix and Statistics

##

##                   Reference

## Prediction       Unsatisfied Satisfied

##   Unsatisfied           101       98

##   Satisfied             81       83

##

##                   Accuracy : 0.5069

##                   95% CI : (0.4542, 0.5595)

##   No Information Rate : 0.5014

##   P-Value [Acc > NIR] : 0.4375

##

##                   Kappa : 0.0135

##

##   McNemar's Test P-Value : 0.2317

##

##                   Sensitivity : 0.5549

##                   Specificity : 0.4586

##   Pos Pred Value : 0.5075

##   Neg Pred Value : 0.5061

##   Prevalence : 0.5014

##   Detection Rate : 0.2782

##   Detection Prevalence : 0.5482

##   Balanced Accuracy : 0.5068

##

##   'Positive' Class : Unsatisfied

```
##
```

```
## Setting levels: control = 0, case = 1
```

```
## Setting direction: controls > cases
```

