

Applications in Machine Learning to Predict Coronary Heart Disease

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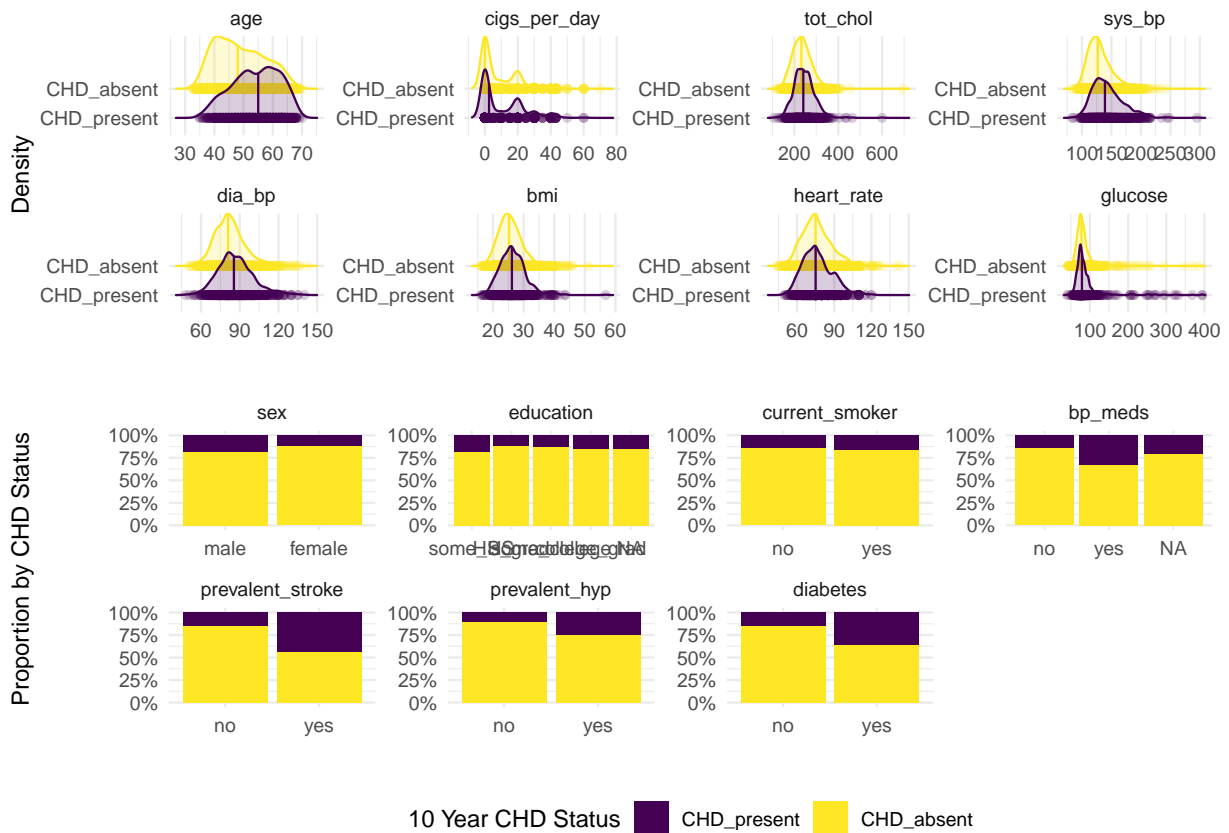
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Introduction

EDA Figures

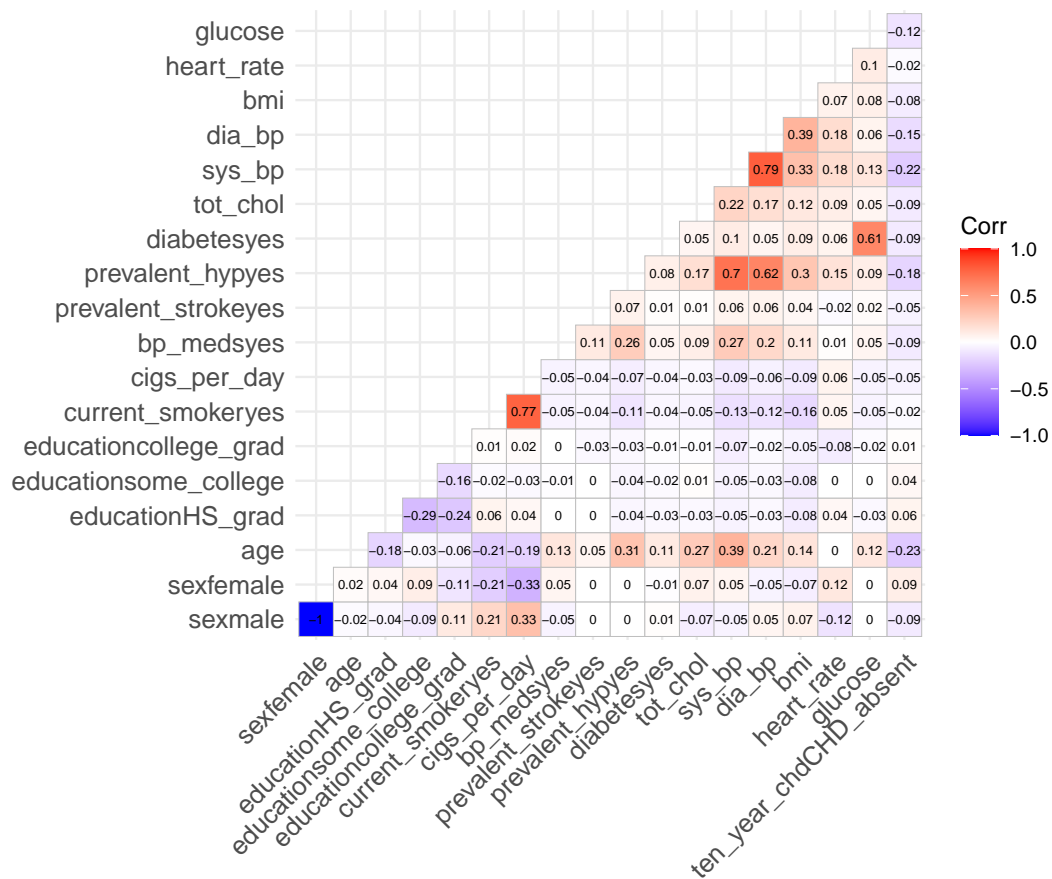
```
continuous_explore / categorical_explore + plot_annotation(  
  title = "Fig.1: Distributions of Predictors By Outcome Class"  
)
```

Fig.1: Distributions of Predictors By Outcome Class



```
model.matrix(~0 + ., data = cleaned_df) %>%
  cor(use = "pairwise.complete.obs") %>%
  ggcorrplot(show.diag = F, type = "lower", lab = TRUE, lab_size = 2, title = "Fig.2: Correlation of Pro
```

Fig.2: Correlation of Predictors



New Models

Appendix