

Structured Pyramid Analysis Plan

Goal:

What factors influence customers to part ways with their existing service provider?

Dependent Variables:

Churn.

Specific Questions to Investigate:

1. What are the demographics of people who chose to stay/leave?
2. What kind of services do the existing customers subscribe to?
3. Does loyalty and money billed have an affect on the churn?

Identifying Independent Variables:

1. Based on demographics, we have the following variables.

Gender

Senior Citizen

Dependents

Partner.

2. Based on services subscribed, we have the following variables:

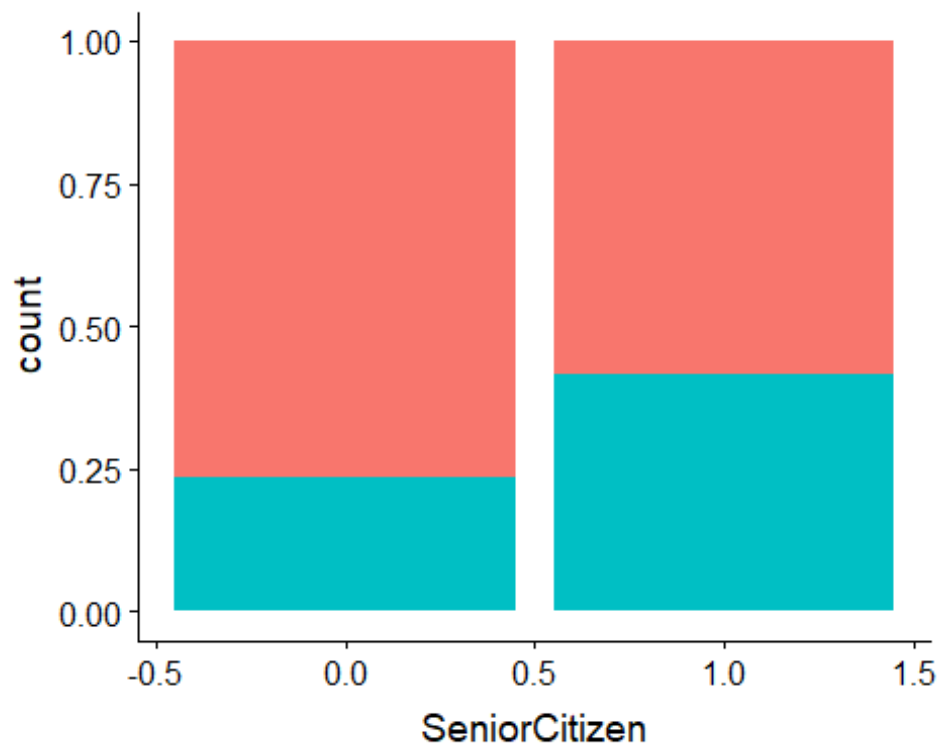
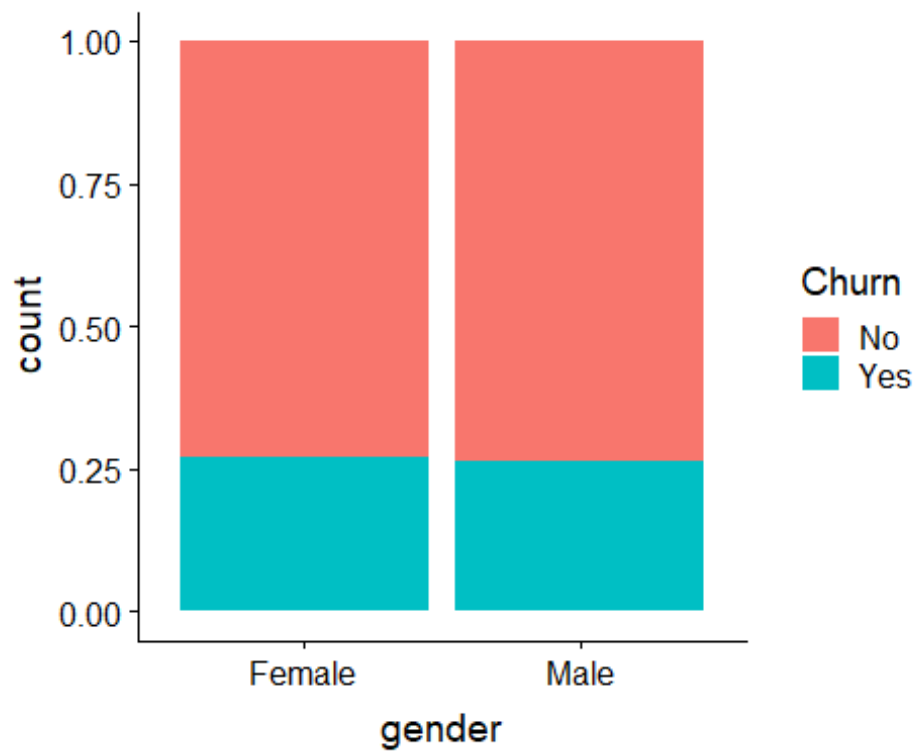
PhoneService

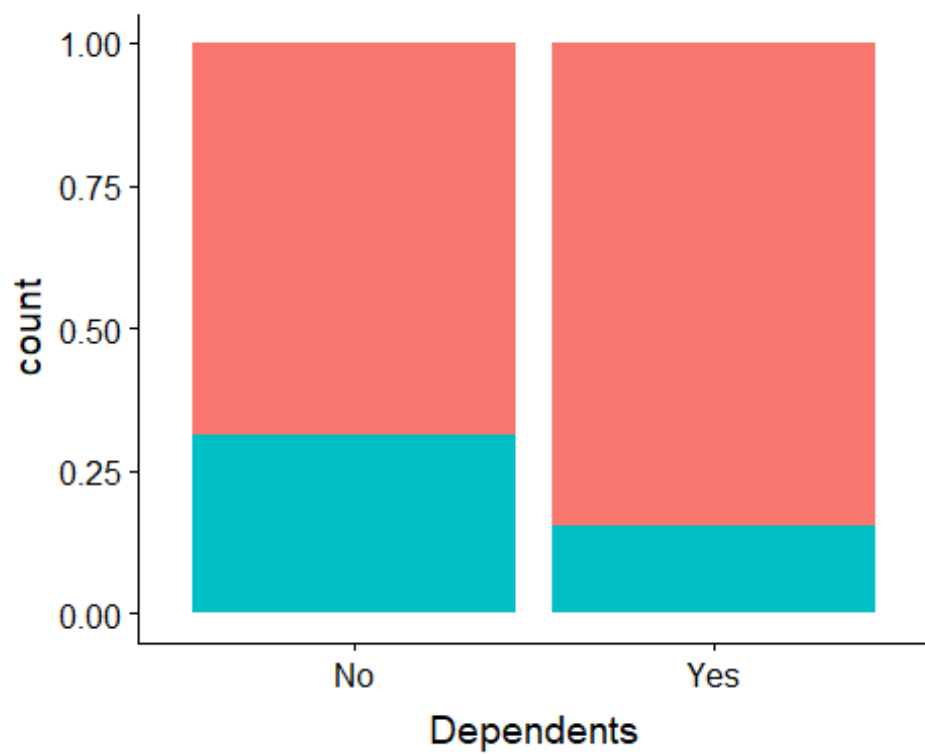
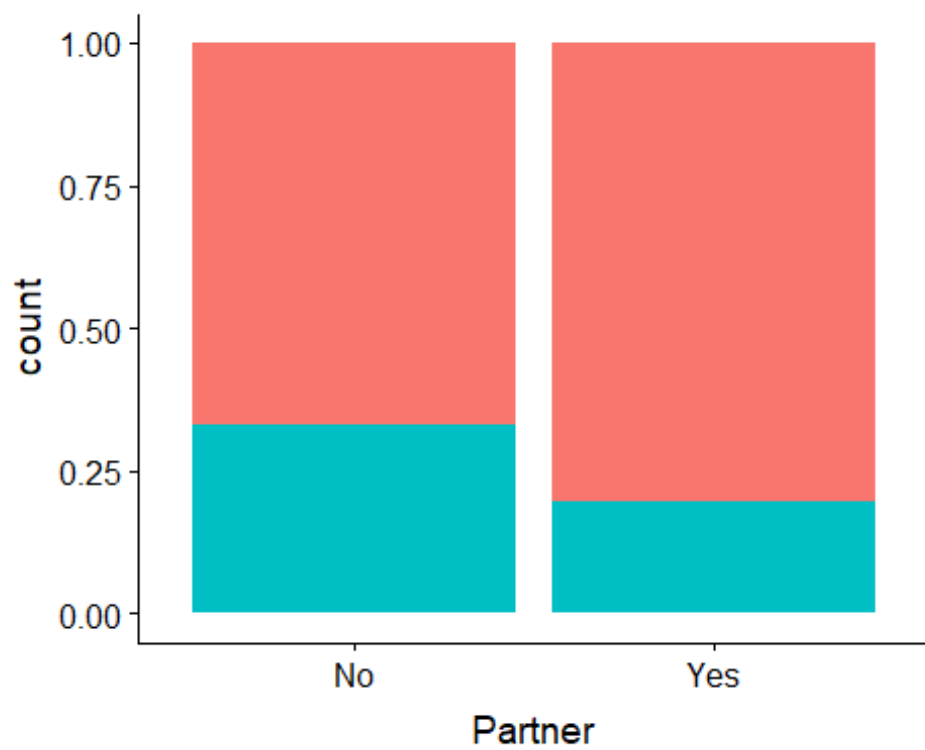
MultipleLines
InternetService
OnlineSecurity
OnlineBackup
DeviceProtection
TechSupport
StreamingTV
StreamingMovies
Contract
PaperlessBilling
PaymentMethod

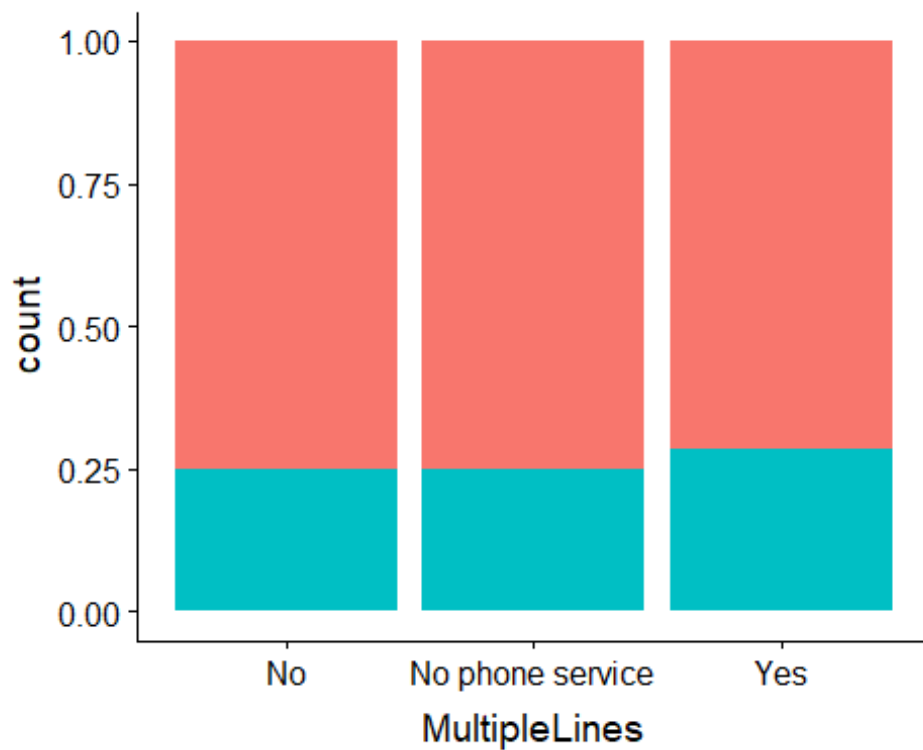
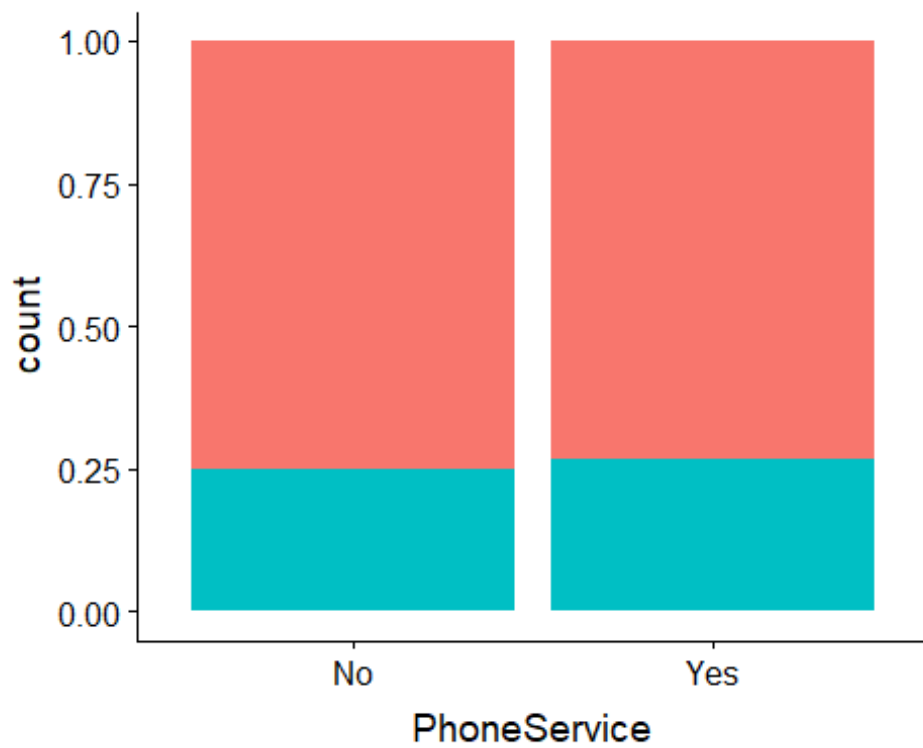
3. Based loyalty and money billed, have the following variables:

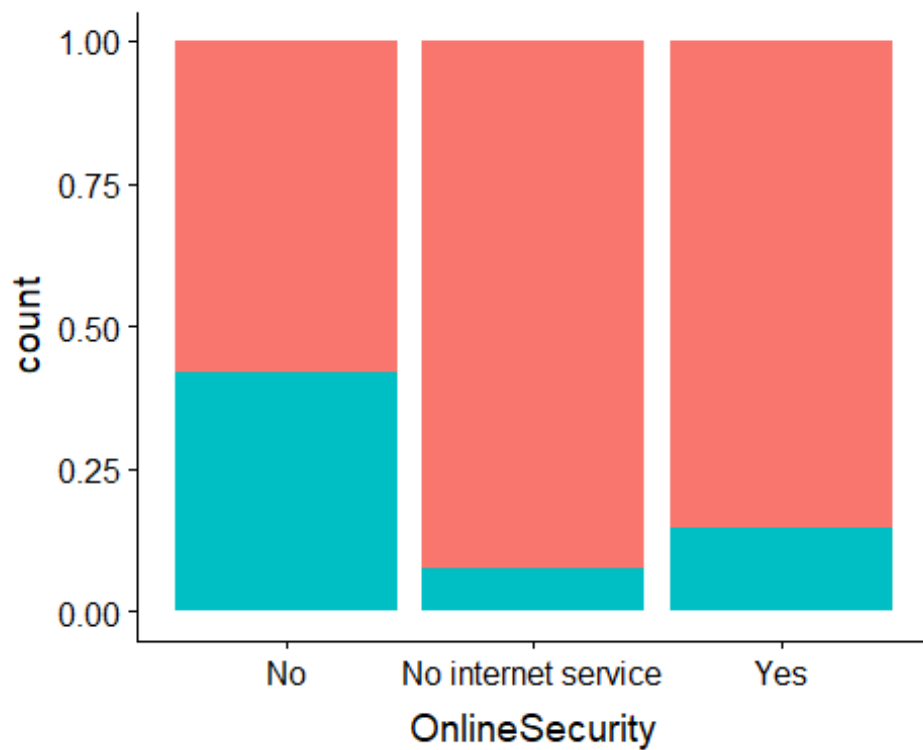
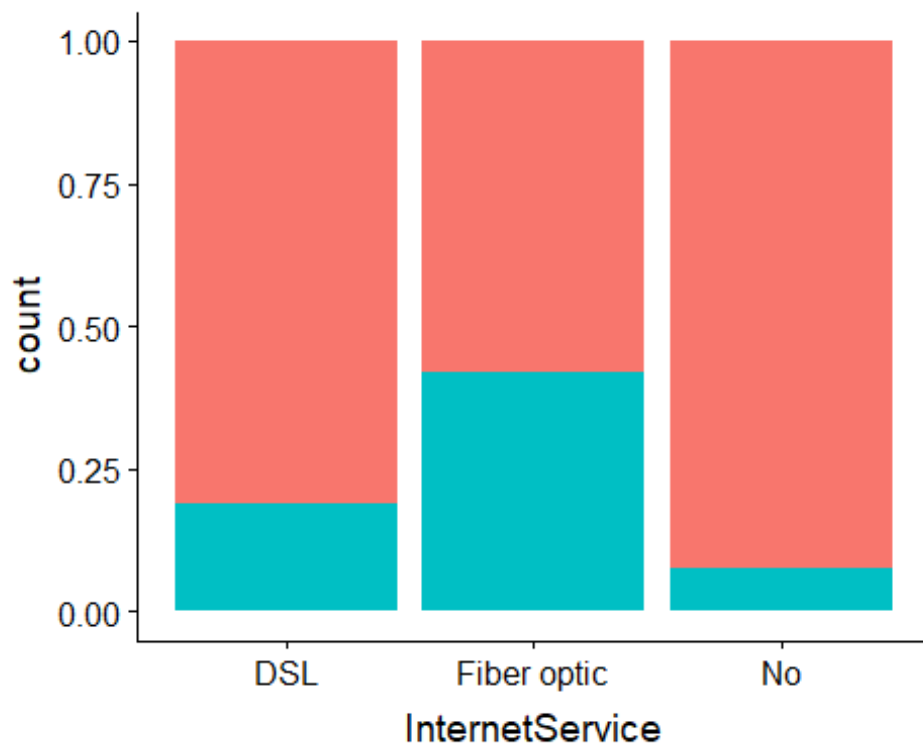
MonthlyCharges
TotalCharges
Churn

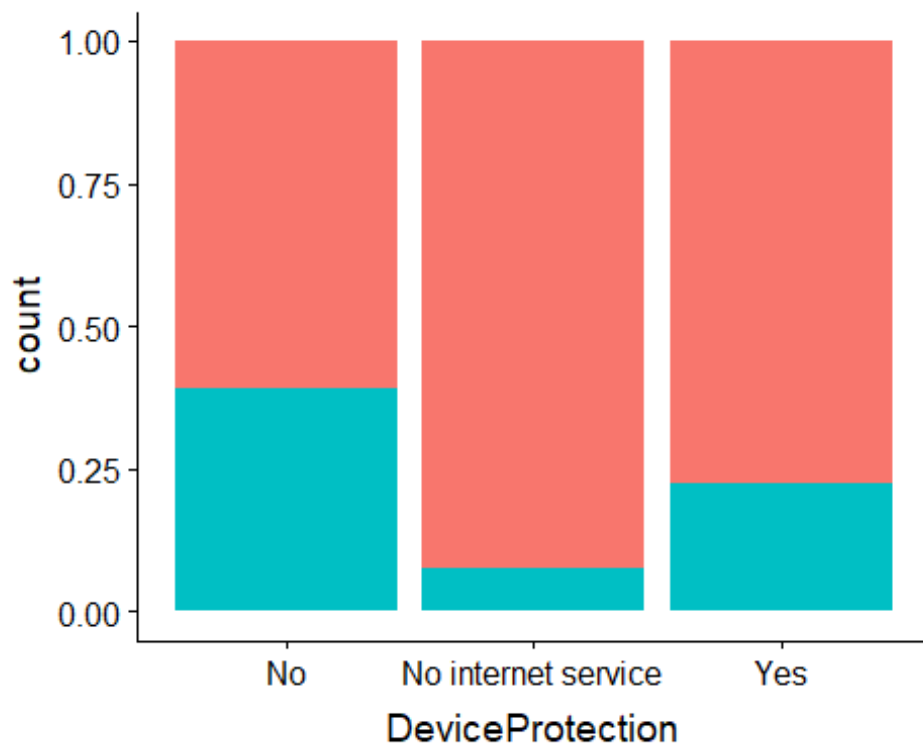
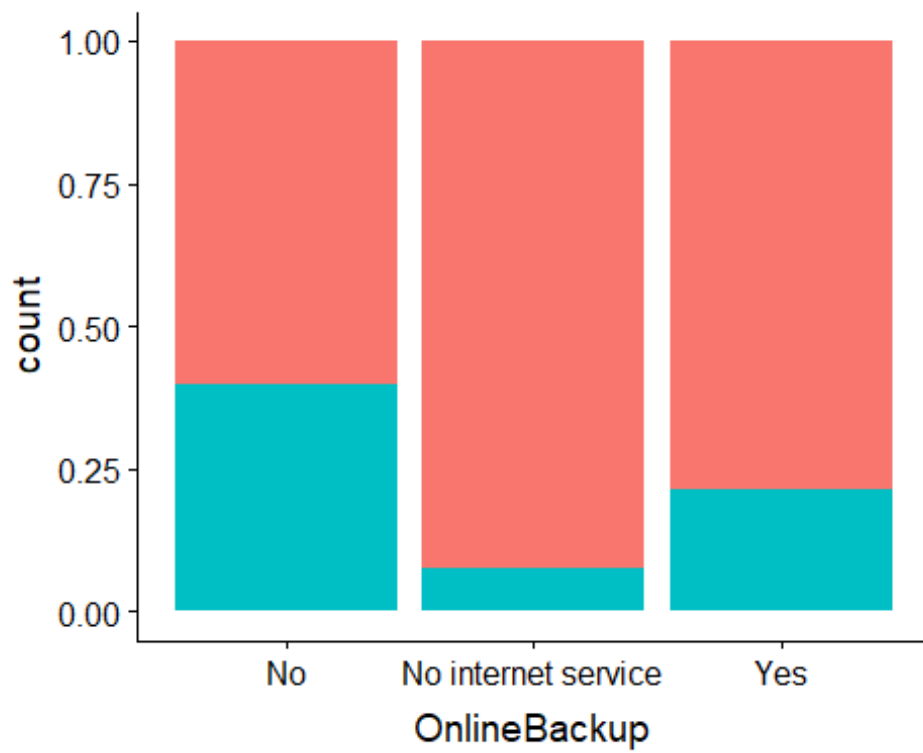
Specific Analyses:

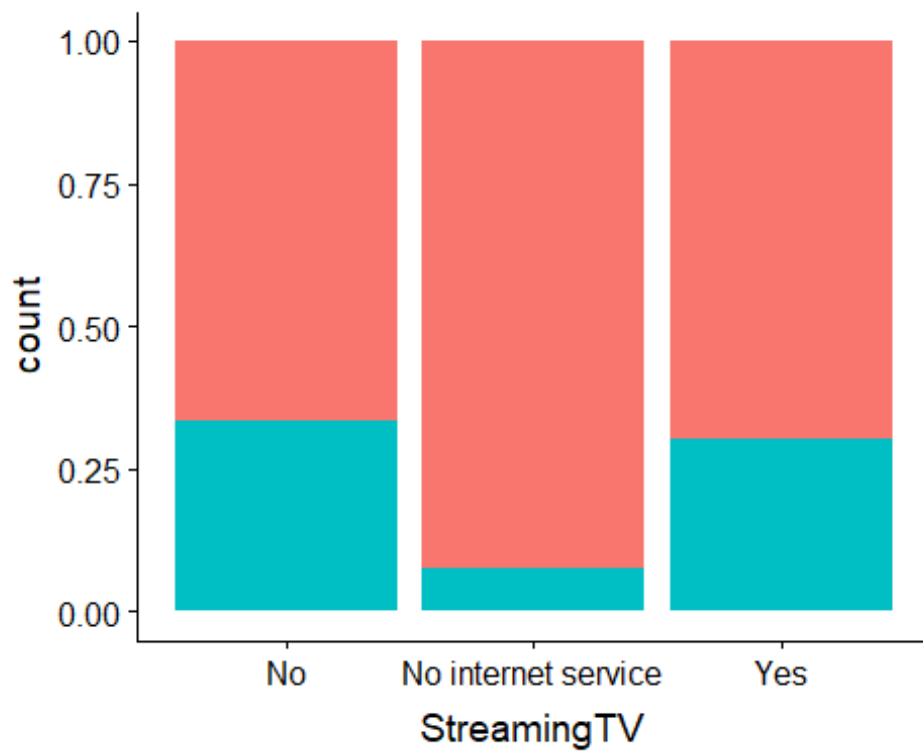
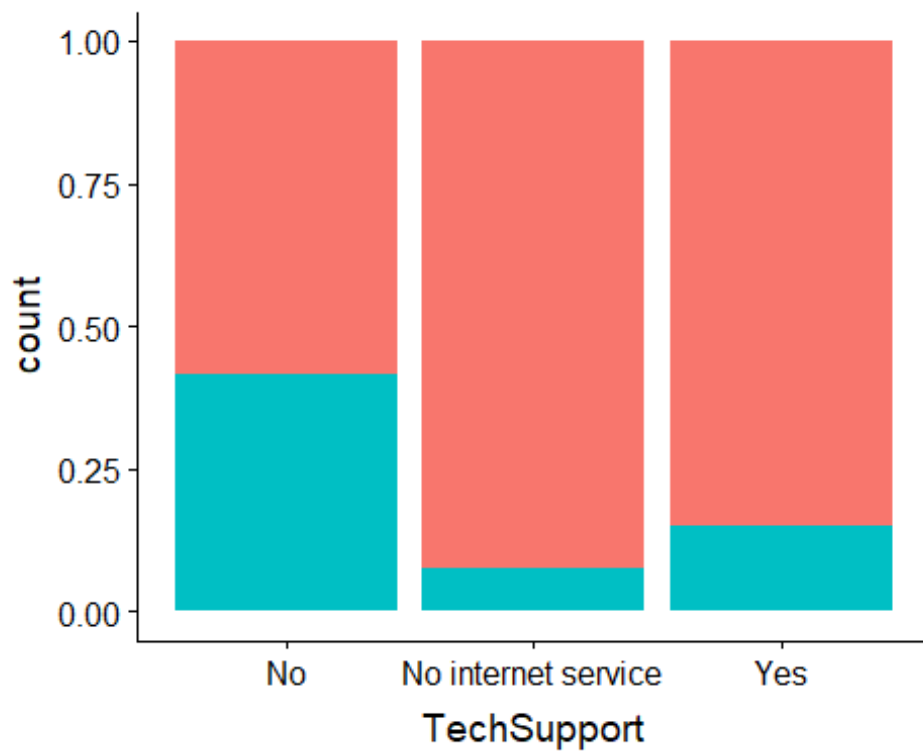


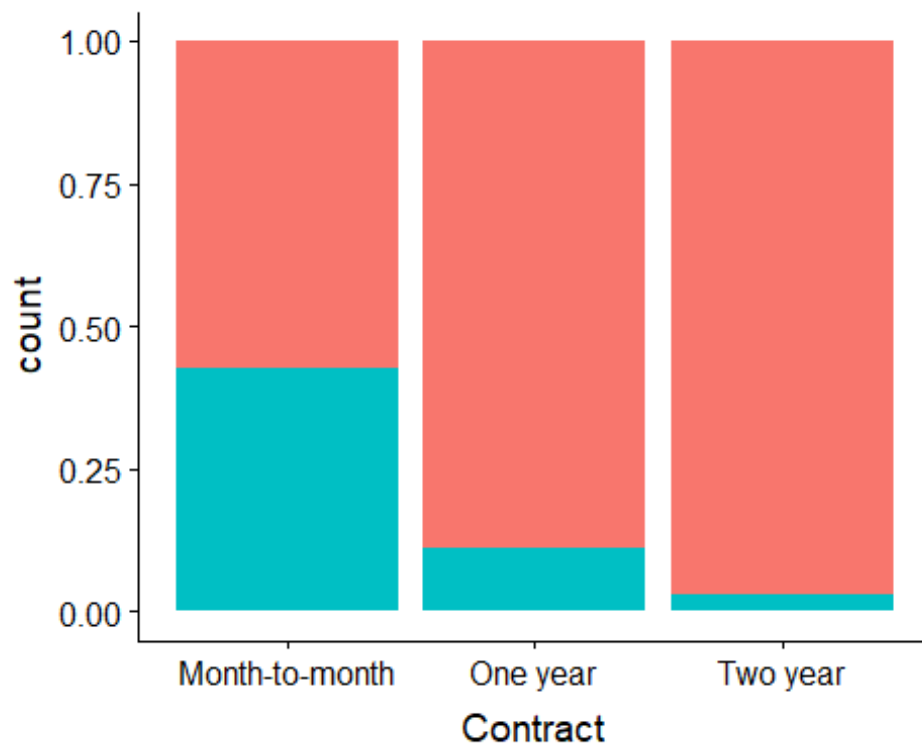
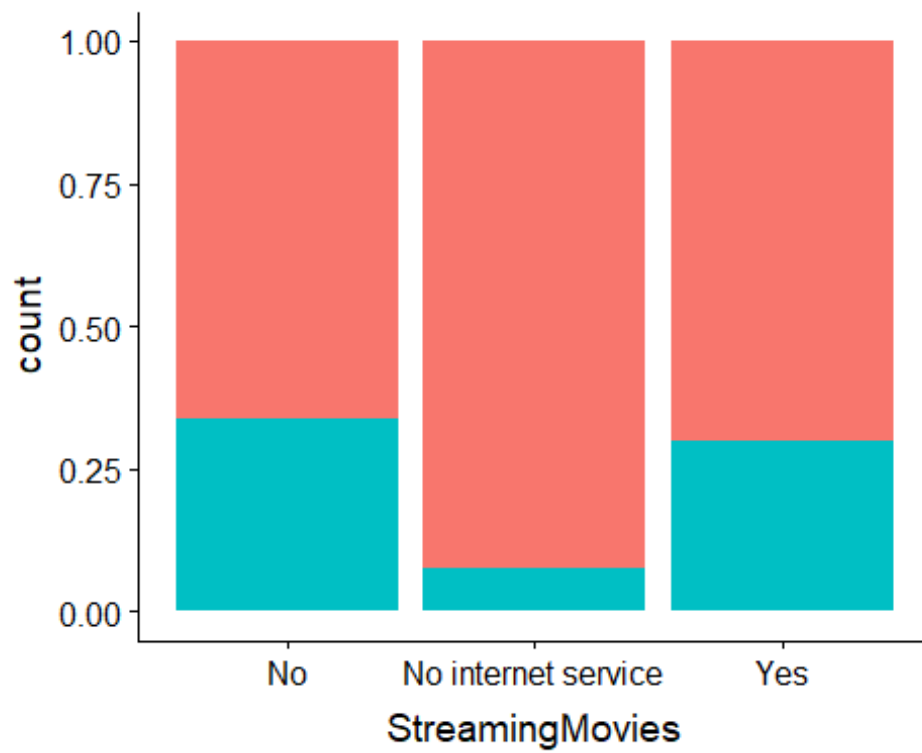


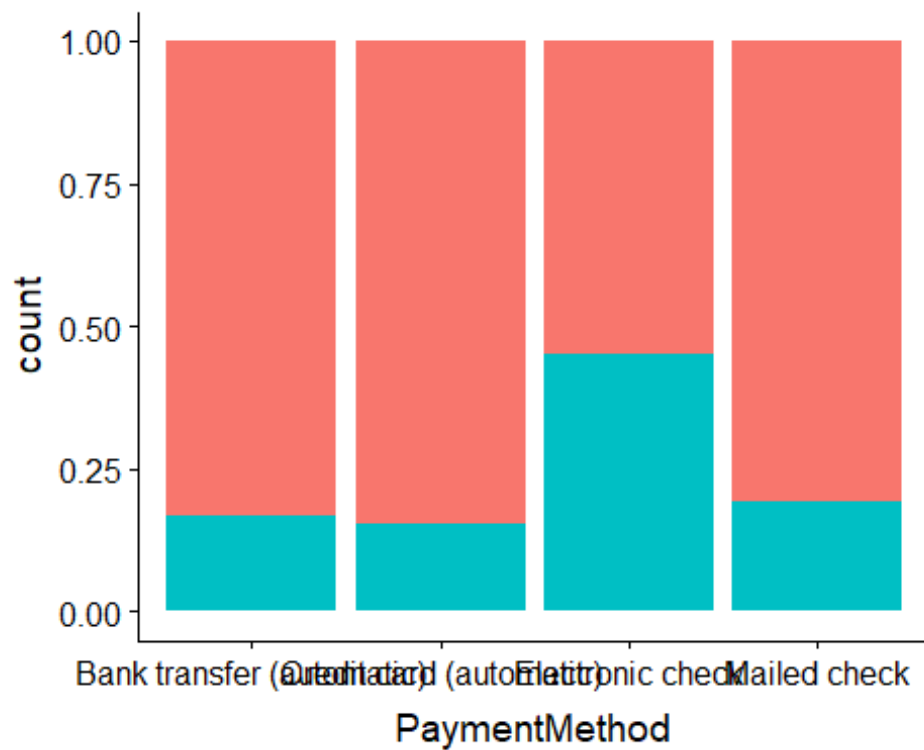
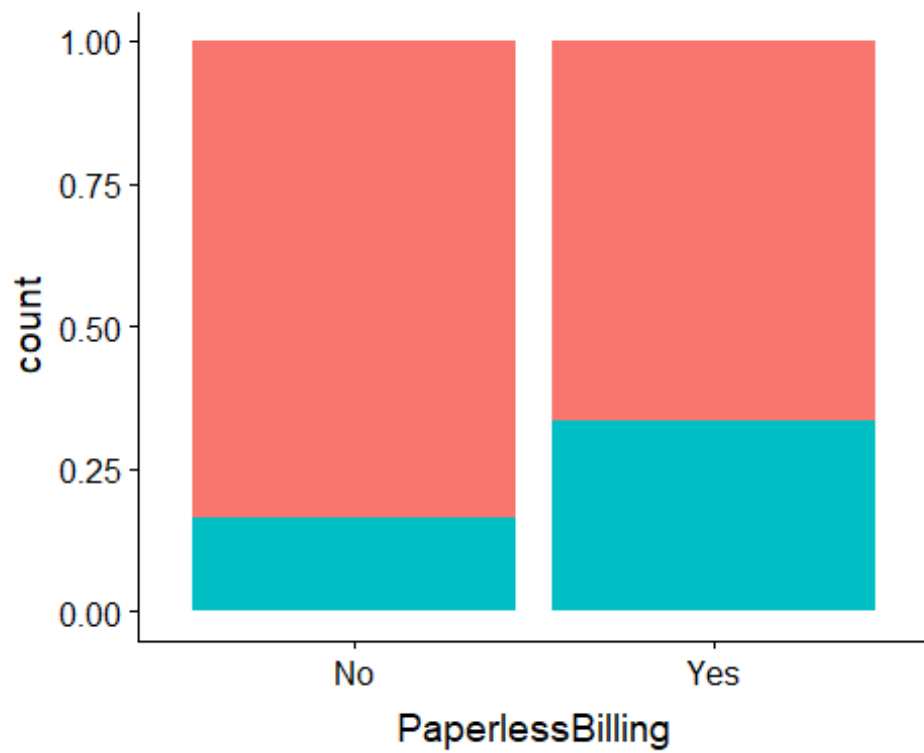


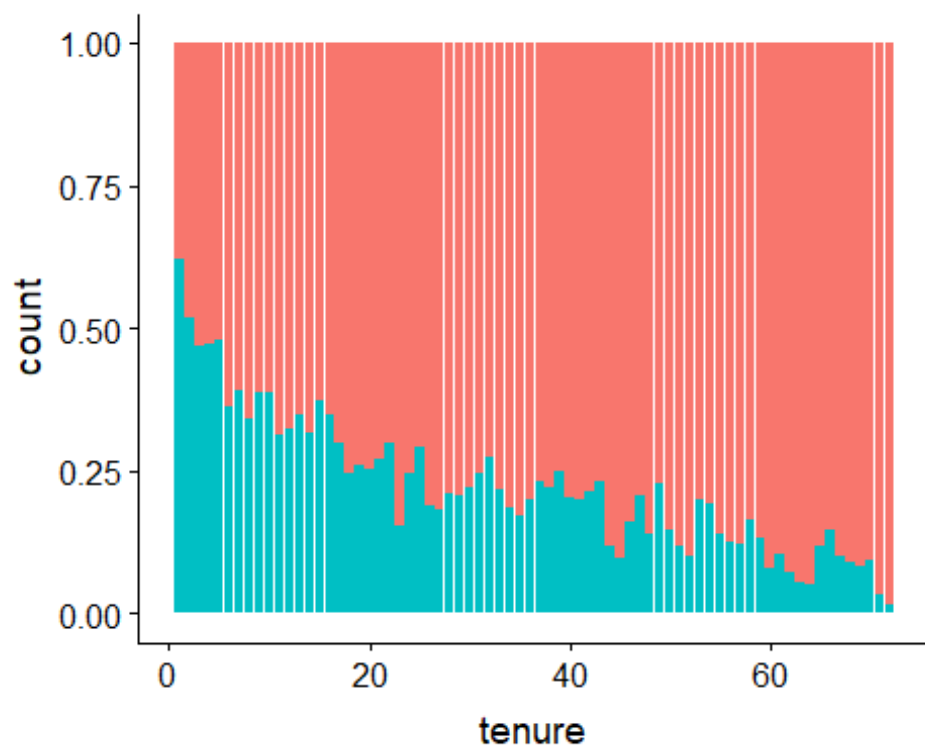




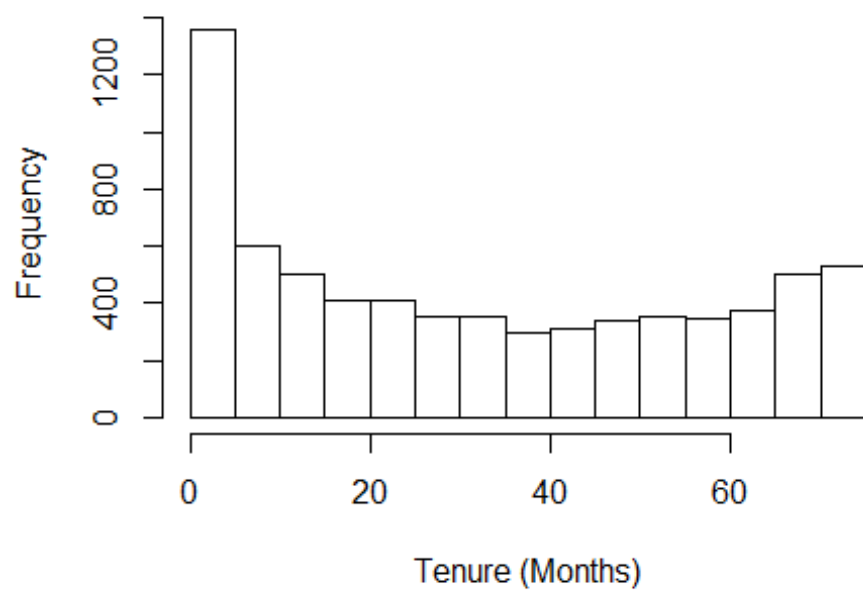




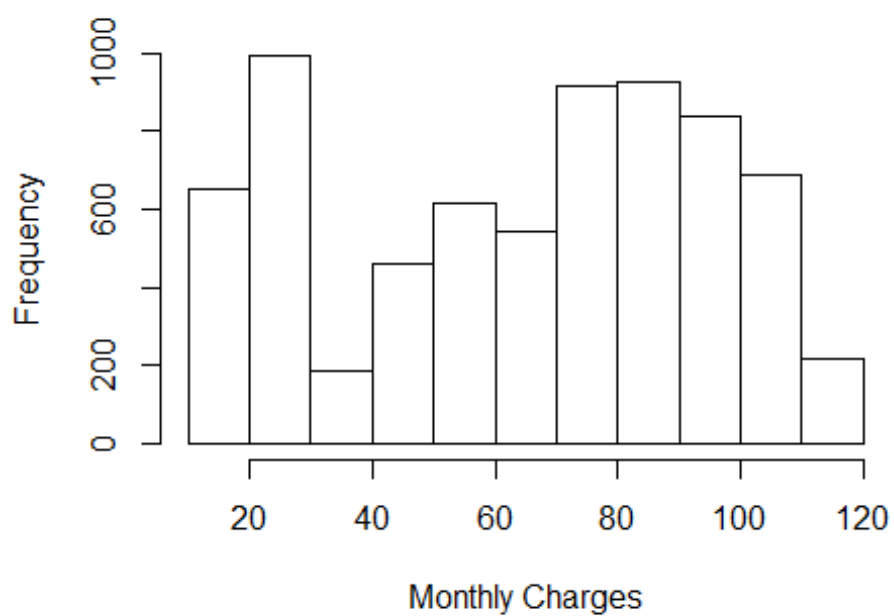




Tenure Distribution



Distribution of Monthly Charges



Distribution of Monthly Charges

