

Data Profiling Report

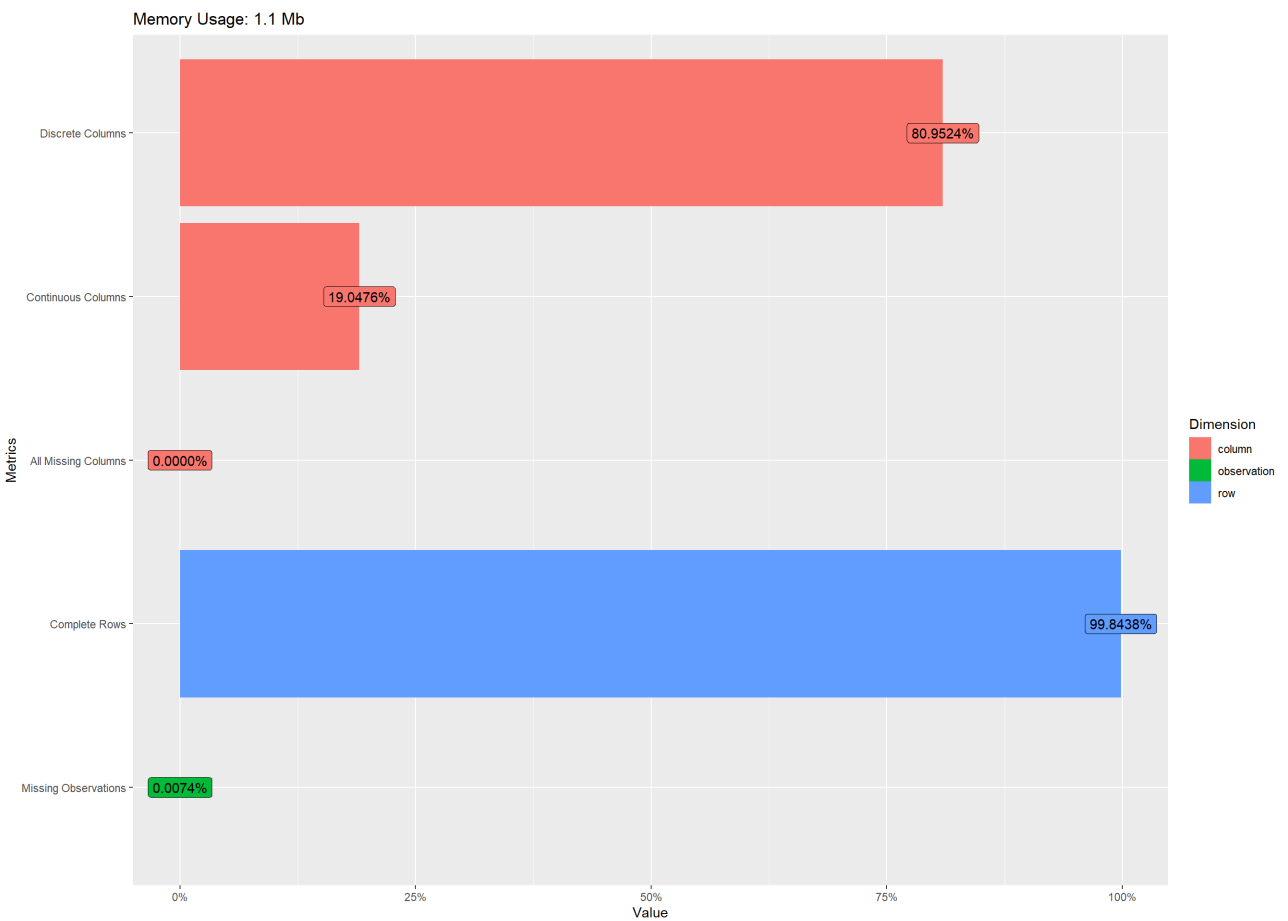
- Basic Statistics
 - Raw Counts
 - Percentages
- Data Structure
- Missing Data Profile
- Univariate Distribution
 - Histogram
 - Bar Chart (with frequency)
 - QQ Plot
- Correlation Analysis
- Principal Component Analysis

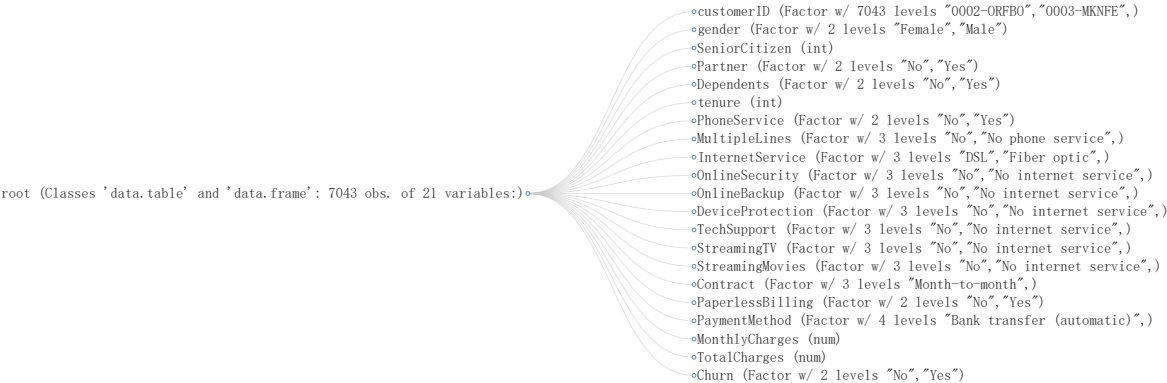
Basic Statistics

Raw Counts

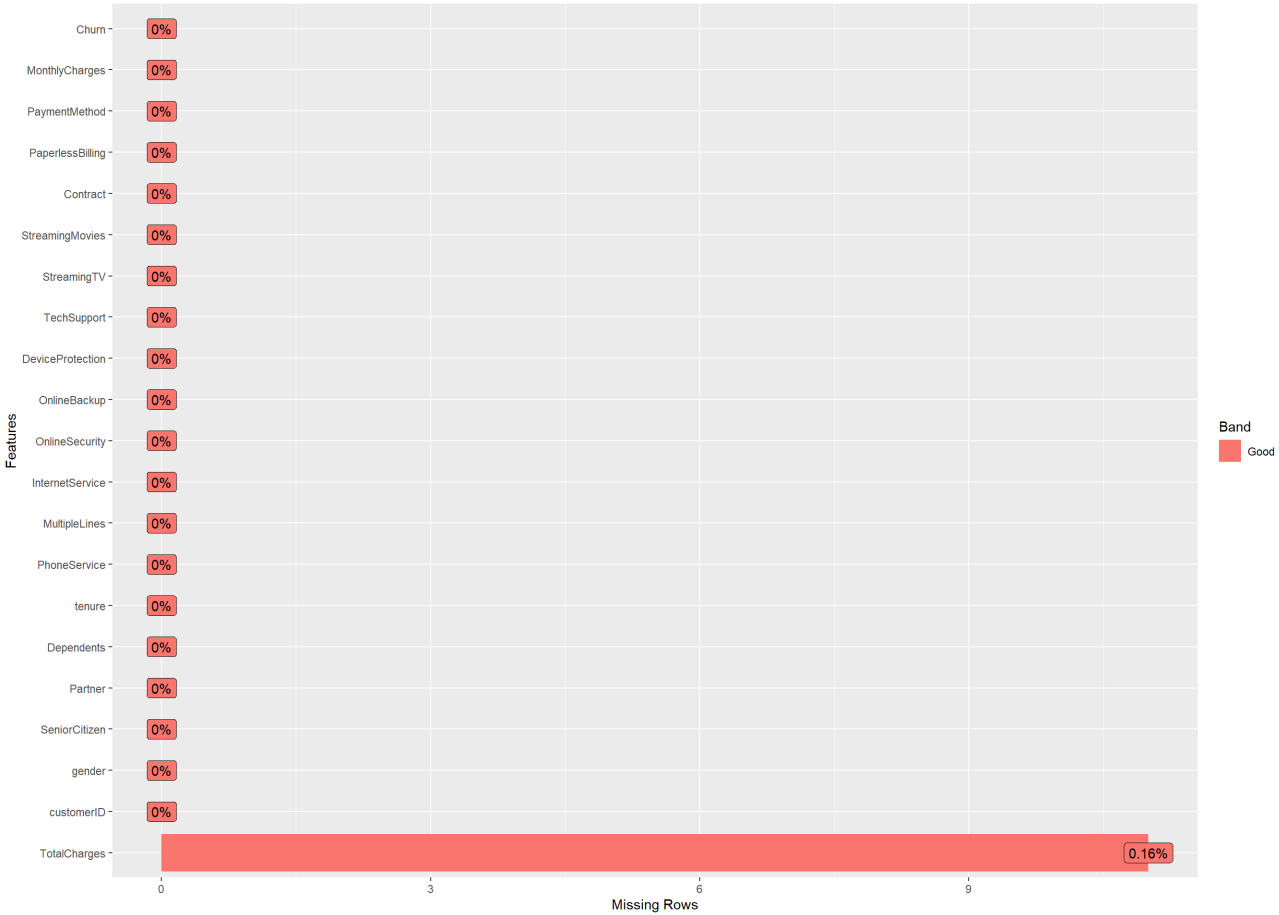
Name	Value
Rows	7,043
Columns	21
Discrete columns	17
Continuous columns	4
All missing columns	0
Missing observations	11
Complete Rows	7,032
Total observations	147,903
Memory allocation	1.1 Mb

Percentages



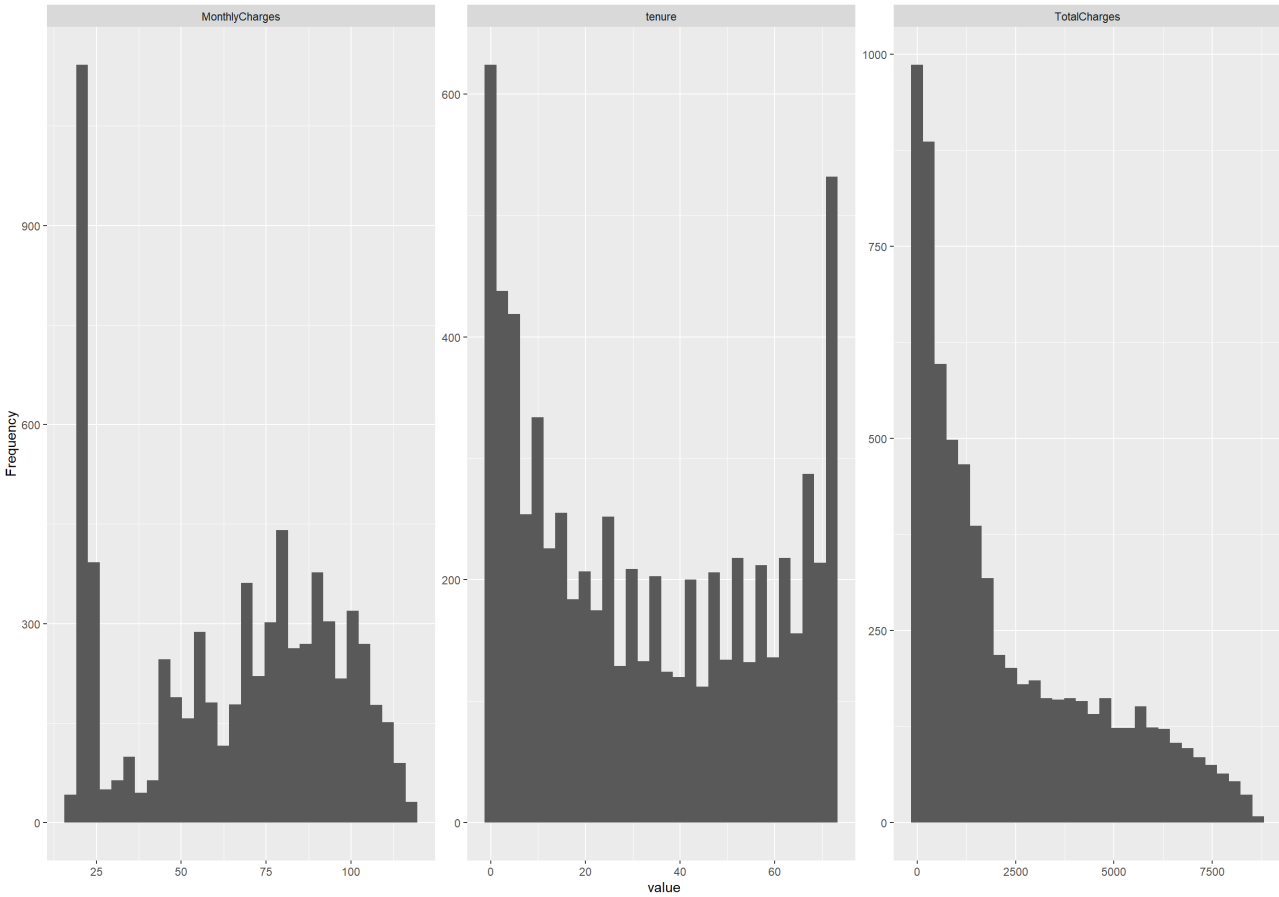


Missing Data Profile



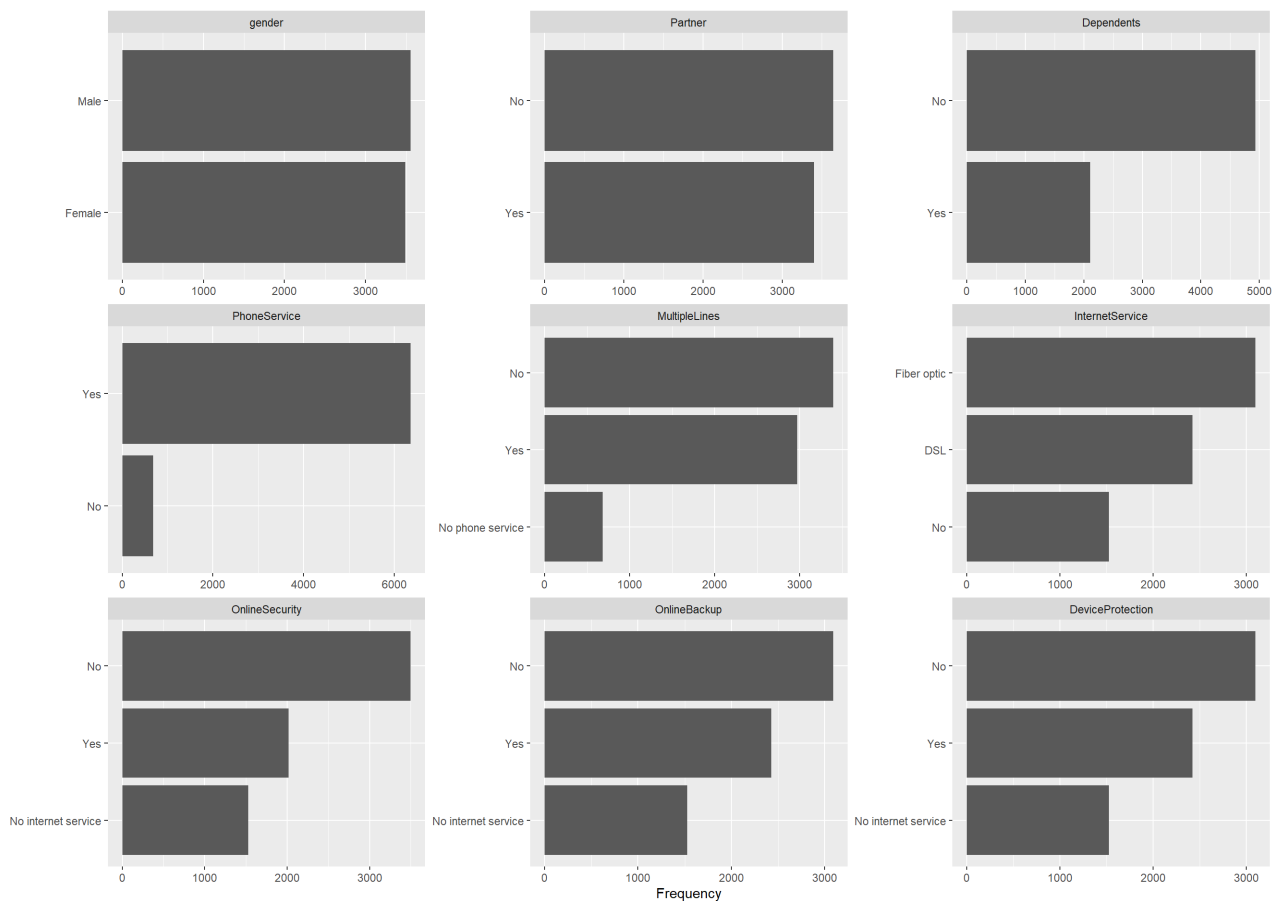
Univariate Distribution

Histogram

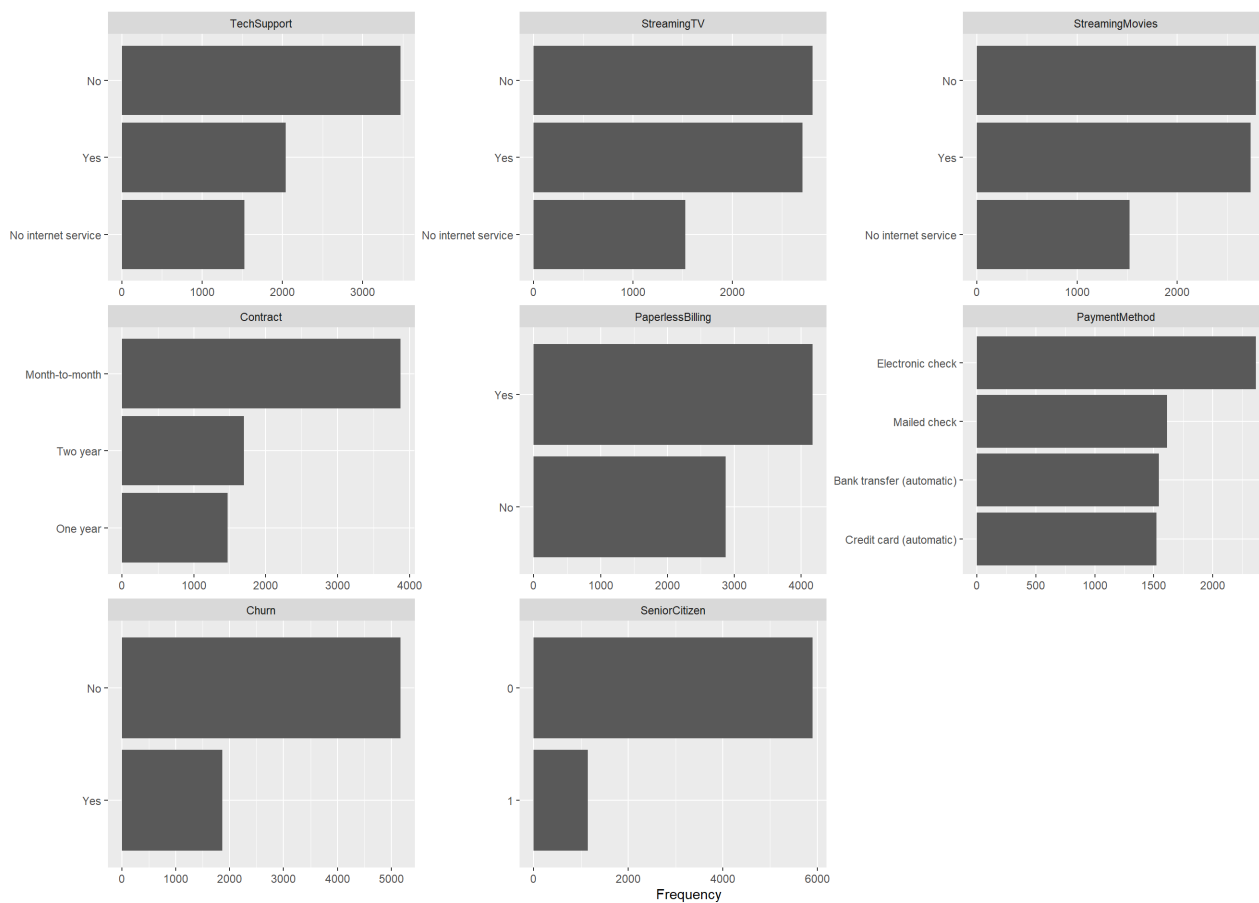


Bar Chart (with frequency)

```
## 1 columns ignored with more than 50 categories.
## customerID: 7043 categories
```



Page 1

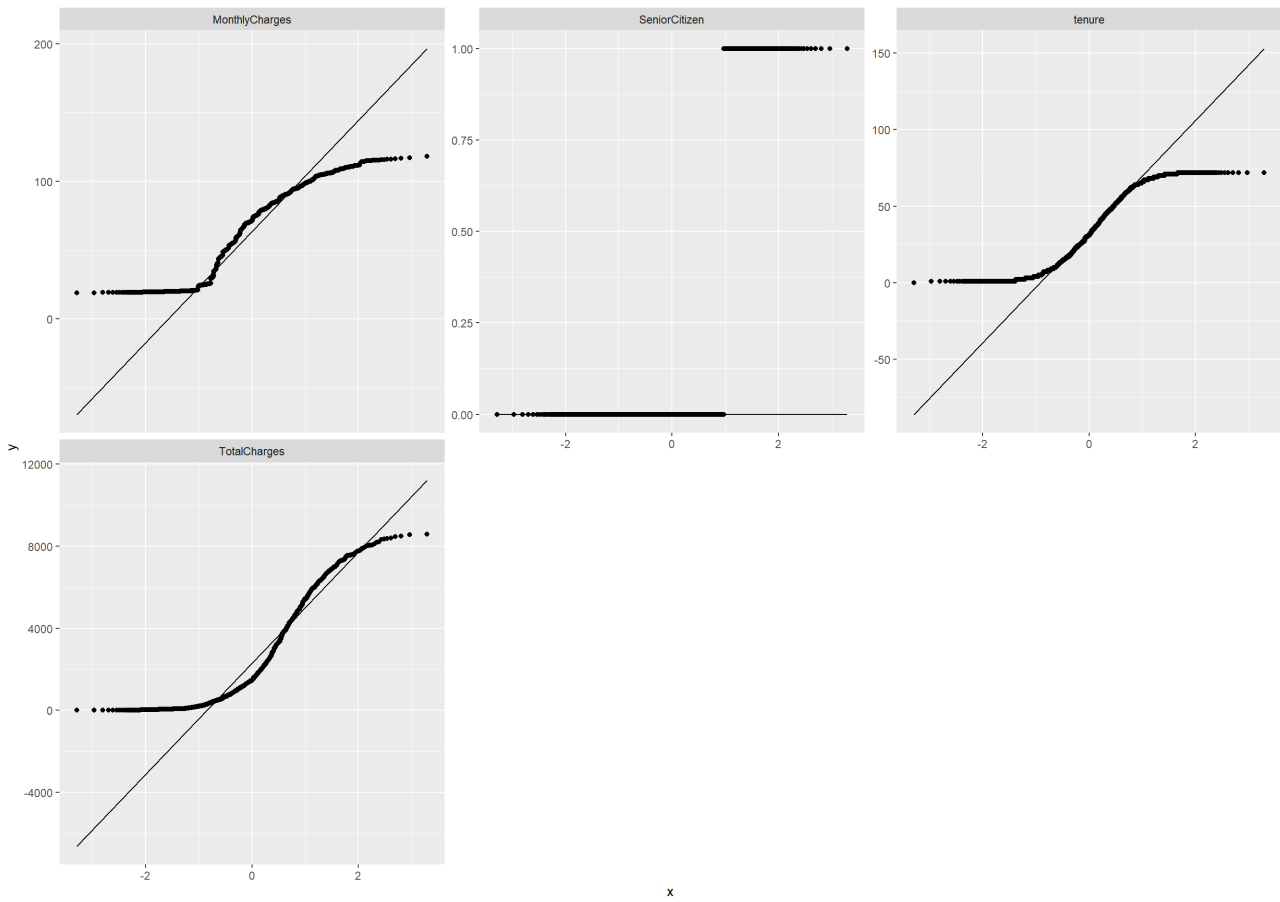


Page 2

QQ Plot

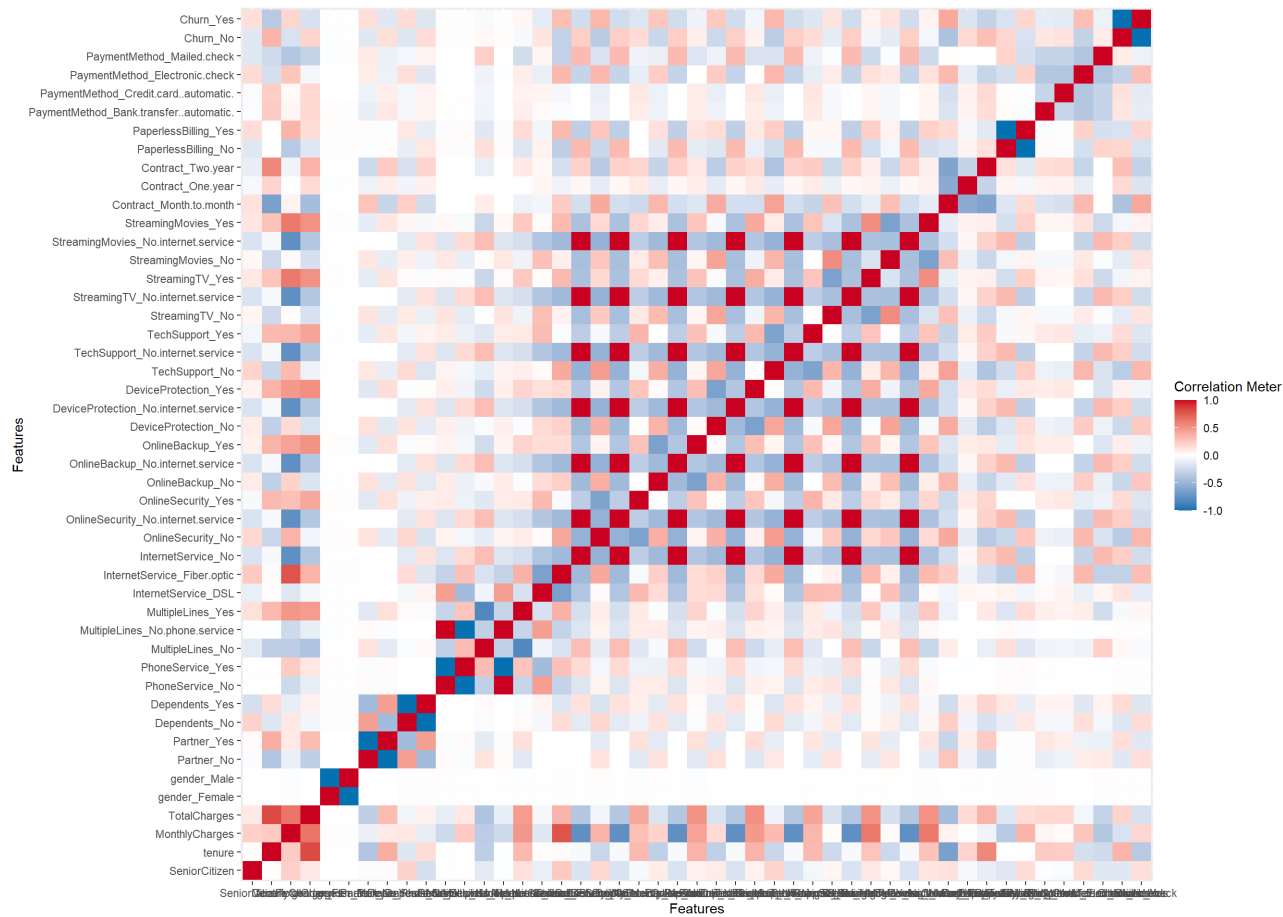
```
## Warning: Removed 1 rows containing non-finite values (stat_qq()).
```

```
## Warning: Removed 1 rows containing non-finite values (`stat_qq_line()`).
```



Correlation Analysis

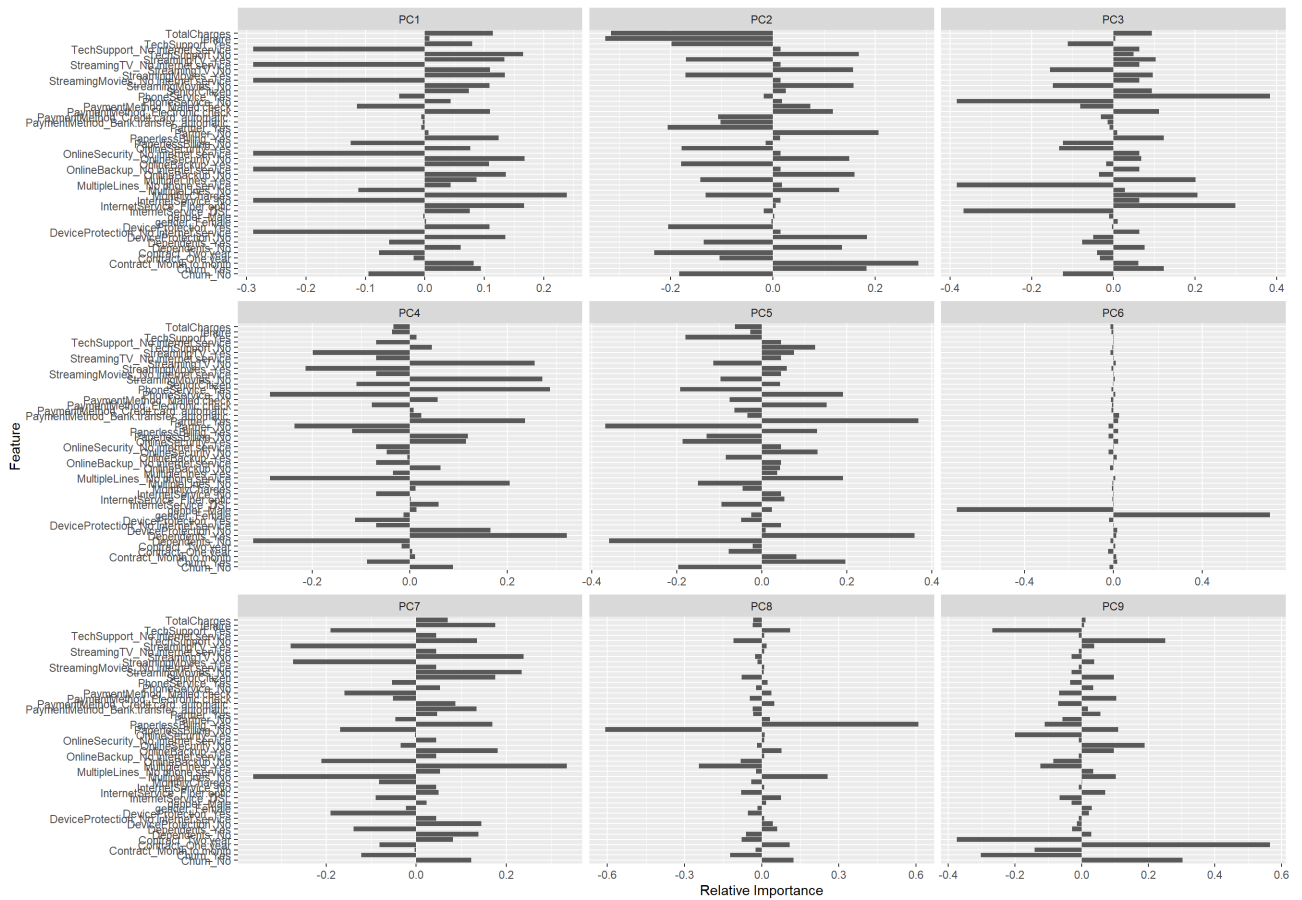
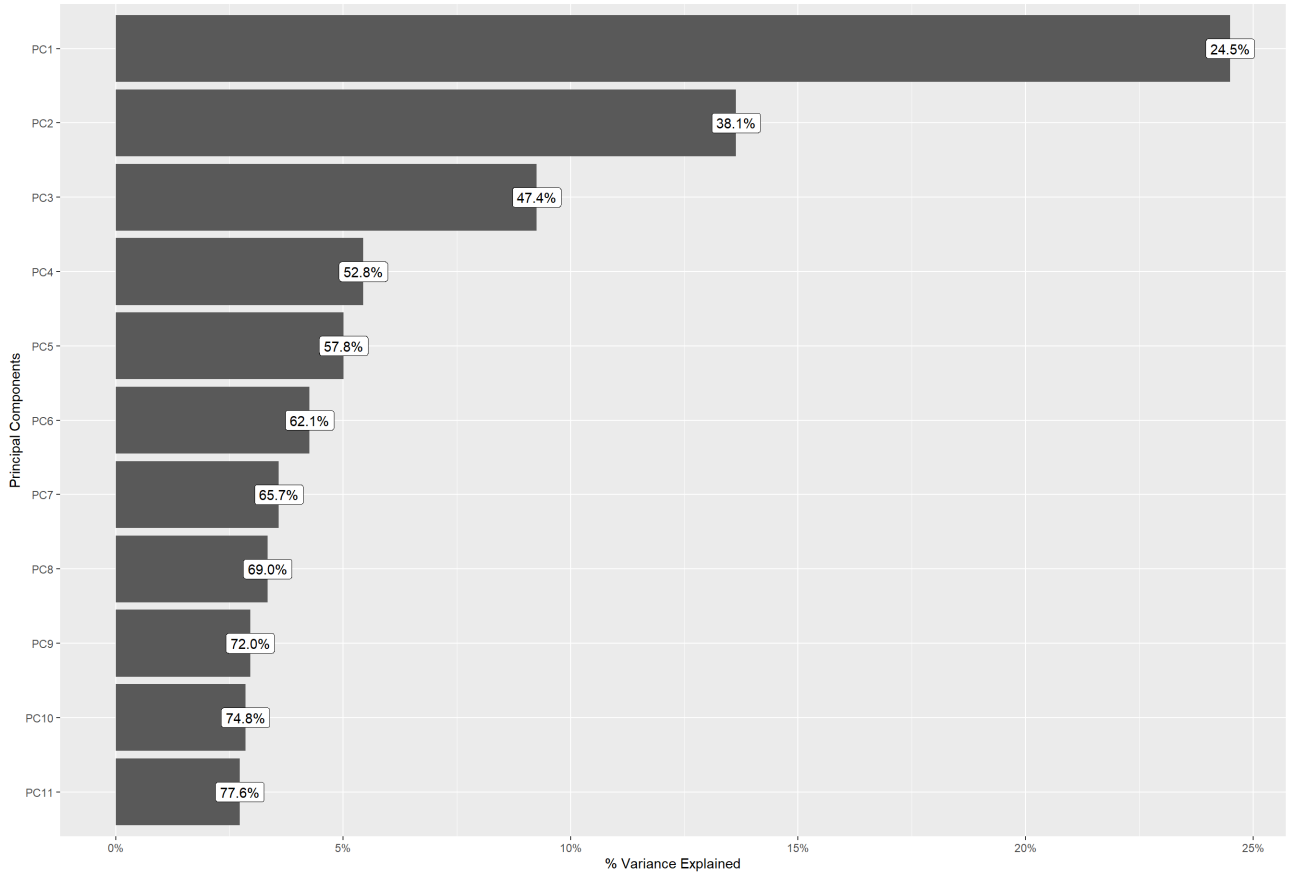
```
## 1 features with more than 20 categories ignored!  
## customerID: 7032 categories
```



Principal Component Analysis

```
## 1 features with more than 50 categories ignored!  
## customerID: 7032 categories
```

% Variance Explained By Principal Components
(Note: Labels indicate cumulative % explained variance)



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