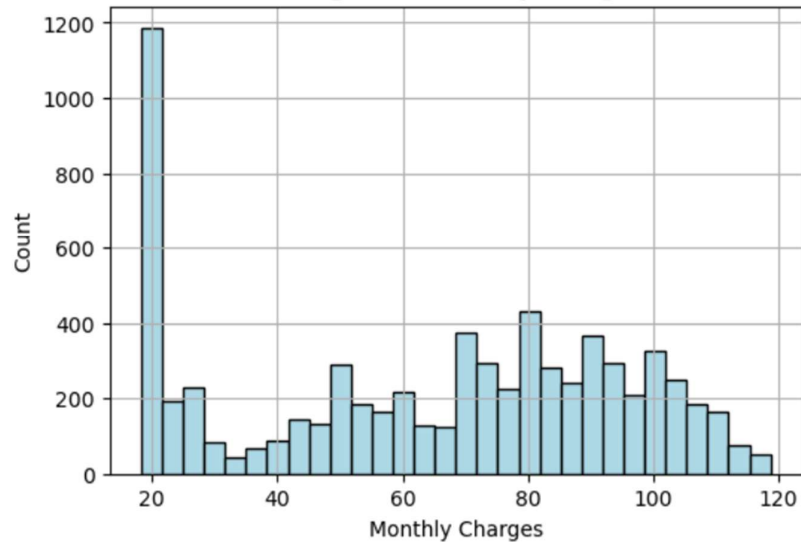# Tasks 3 Output: Exploratory Data Analysis (EDA)
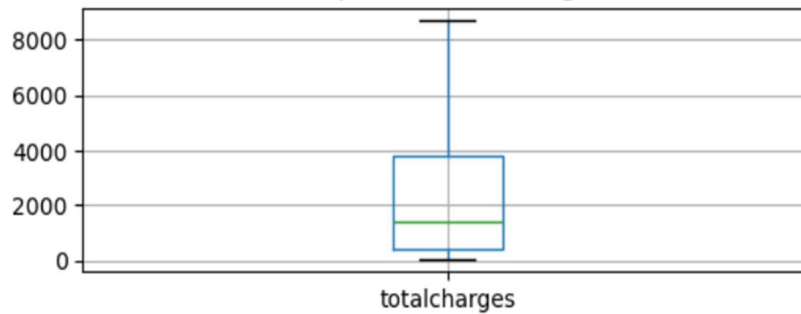
```
Summary statistics:
       seniorcitizen      tenure  monthlycharges  totalcharges
count    7043.000000  7043.000000     7043.000000   7043.000000
mean        0.162147    32.371149       64.761692   2281.916928
std         0.368612    24.559481       30.090047   2265.270398
min         0.000000     0.000000       18.250000     18.800000
25%         0.000000     9.000000       35.500000    402.225000
50%         0.000000    29.000000       70.350000   1397.475000
75%         0.000000    55.000000       89.850000   3786.600000
max         1.000000    72.000000      118.750000   8684.800000
```

Histogram of Monthly Charges

Boxplot of Total Charges

```
 Churn Count:
churn
No     5174
Yes    1869
Name: count, dtype: int64

 Churn Proportion:
churn
No     0.73463
Yes    0.26537
Name: proportion, dtype: float64
```