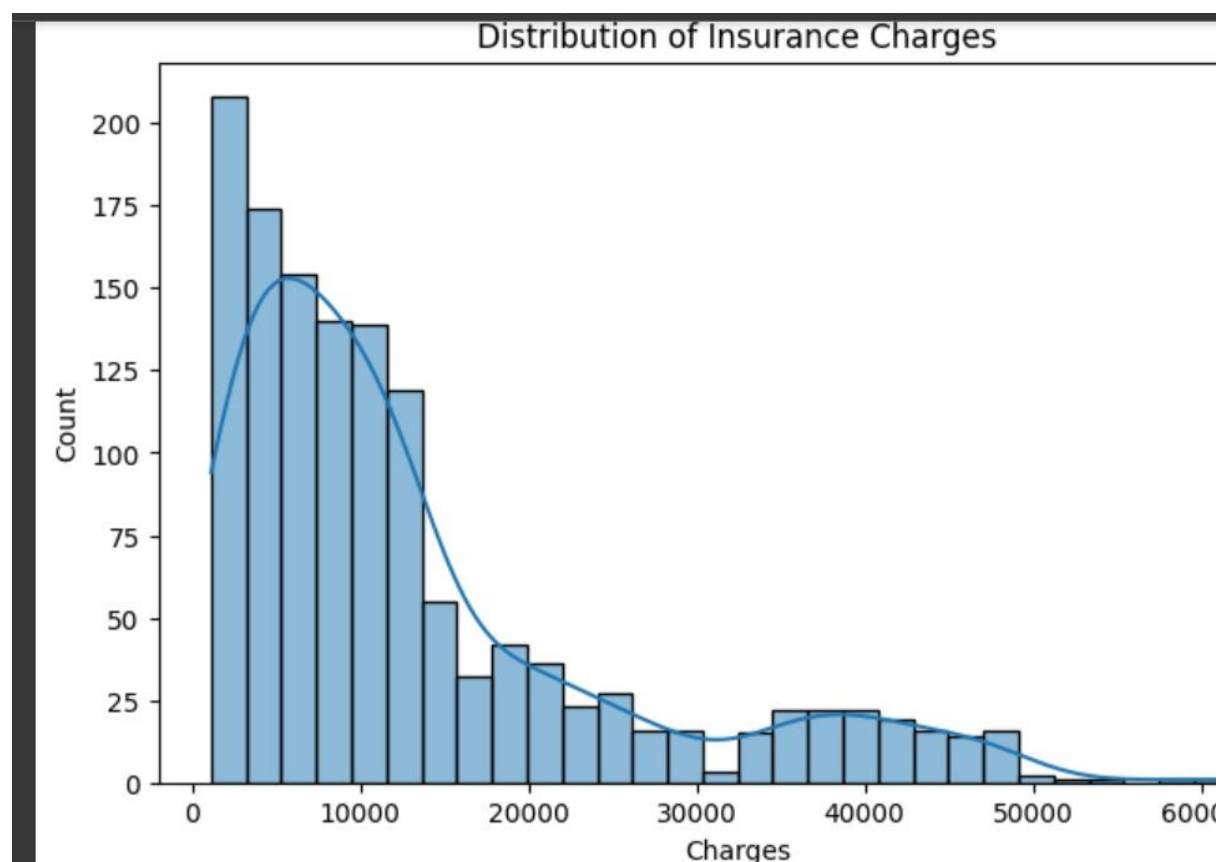```
print(df.info())
```

```
First 5 rows of data:
    age   sex   bmi children smoker   region   charges
0   19 female 27.900   0   yes southwest 16884.92400
1   18   male 33.770   1   no southeast   1725.55230
2   28   male 33.000   3   no southeast   4449.46200
3   33   male 22.705   0   no northwest 21984.47061
4   32   male 28.880   0   no northwest   3866.85520

Dataset Info:
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1338 entries, 0 to 1337
Data columns (total 7 columns):
 #   Column   Non-Null Count Dtype
--- ------   -------------- -----
 0   age   1338 non-null   int64
 1   sex   1338 non-null   object
 2   bmi   1338 non-null   float64
 3   children 1338 non-null   int64
 4   smoker   1338 non-null   object
 5   region   1338 non-null   object
 6   charges   1338 non-null   float64
dtypes: float64(2), int64(2), object(3)
memory usage: 73.3+ KB
None
```
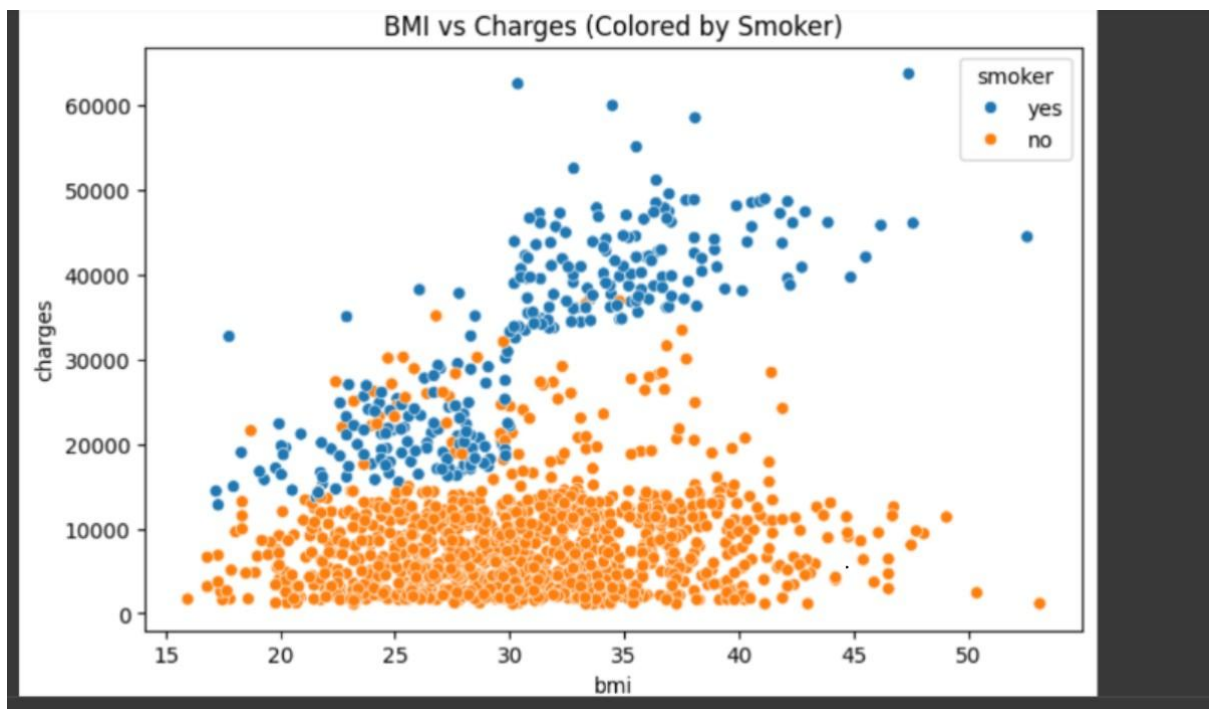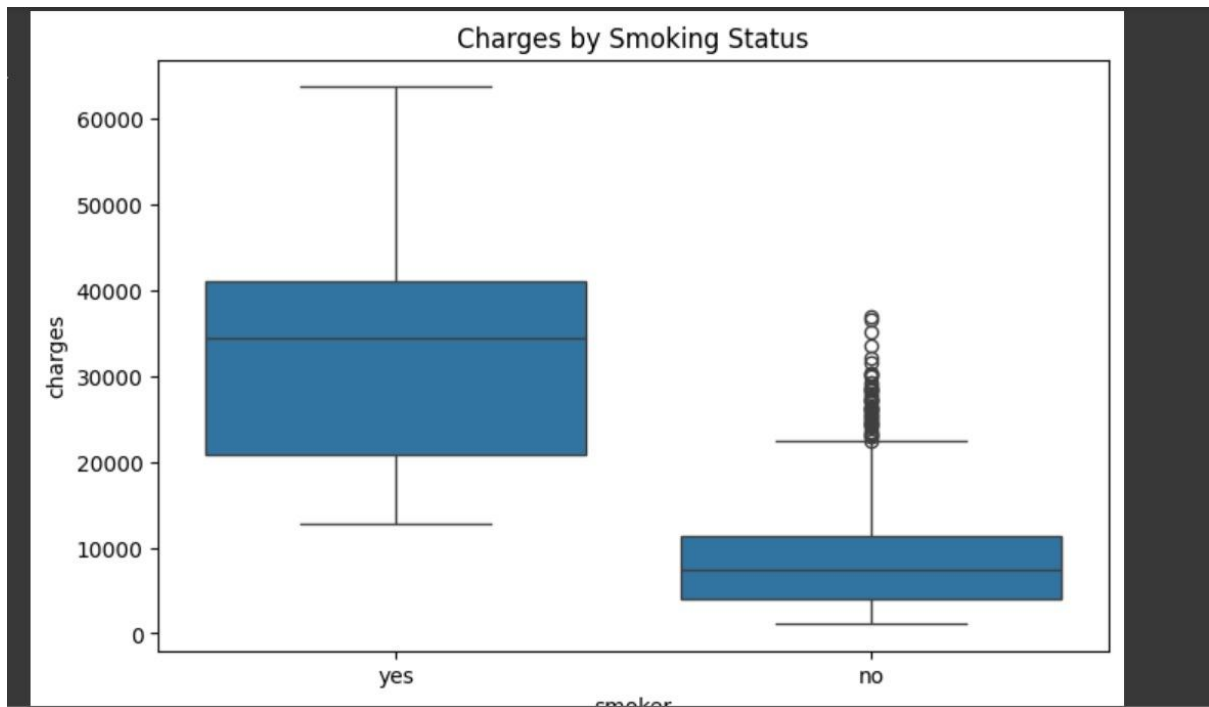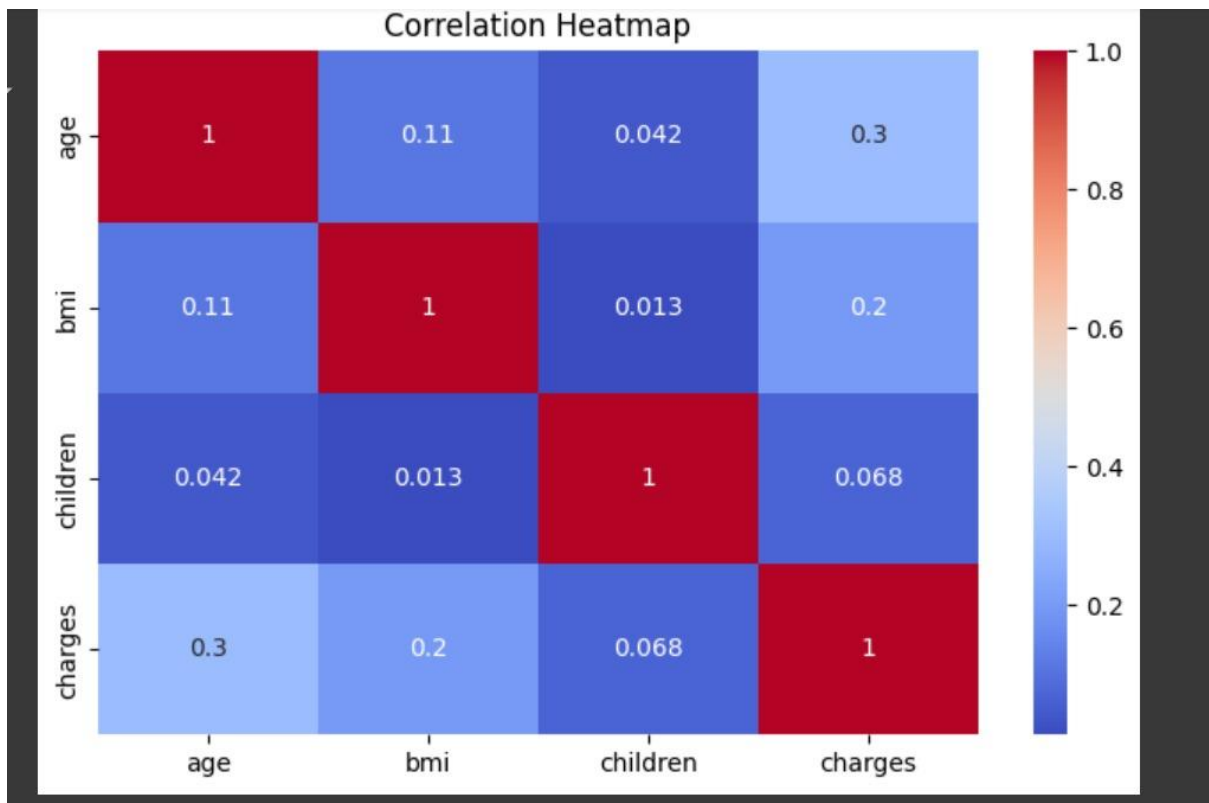


Distribution of Insurance Charges

Charges by Smoking Status



BMI vs Charges (Colored by Smoker)

Correlation Heatmap



```
    }
)

display(ui, out)
```

Age	66
Sex	female
BMI	23.50
Children	1
Smoker	yes
Region	northeast

Predicted Insurance Charge: $25971.25