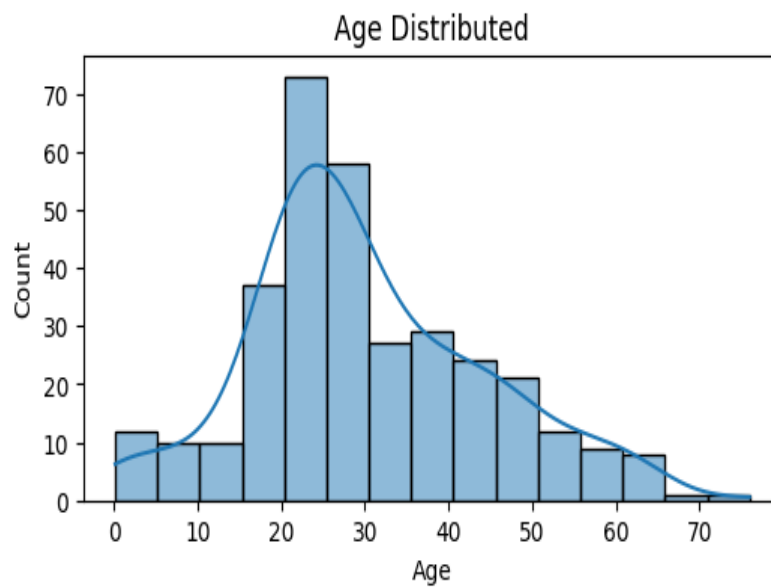# Exploratory Data Analysis on Titanic dataset

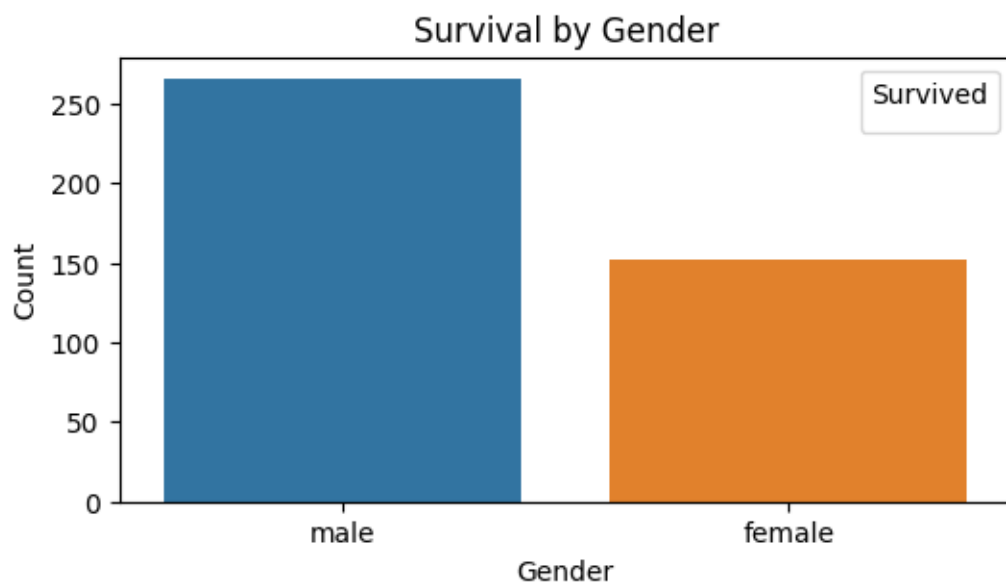## Age Vs. Count Graph

```python
plt.figure(figsize=(6,3))
sns.histplot(data["Age"],kde=True)
plt.title("Age Distributed")
plt.xlabel("Age")
plt.ylabel("Count")
plt.show()
```


Age Distributed

Gender Vs. Count Graph

```python
plt.figure(figsize=(6,3))
sns.countplot(data=data,x="Sex",hue="Sex")
plt.title("Survival by Gender")
plt.xlabel("Gender")
plt.ylabel("Count")
plt.legend(title="Survived",loc="upper right")
plt.show()
```

Age Vs. Fare Graph

```python
plt.figure(figsize=(6,3))
sns.scatterplot(data=data,x="Age",y="Fare", hue="Age")
plt.title("Scatter plot of Age and Fare")
plt.xlabel("Age")
plt.ylabel("Fare")
plt.legend(title="Survived")
plt.show()
```

Scatter plot of Age and Fare