**import** seaborn **as** sns

**import** matplotlib.pyplot **as** plt

**import** pandas **as** pd

titanic **=** sns**.**load\_dataset('titanic')

print("-------------Dataset first 5 rows-------------")

print(titanic**.**head())

print("\n")

print("Setting style to whitegrid")

sns**.**set\_style("whitegrid")

print("--------------Creating bar plot of survival rate by gender and class------------------")

sns**.**catplot(x**=**"sex", y**=**"survived", hue**=**"class", kind**=**"bar", data**=**titanic)

plt**.**title('Survival Rate by Gender and Class')

plt**.**show()

print("\n")

print("--------------Plotting histogram of ticket prices-------------------------")

plt**.**figure(figsize**=**(10, 6))

sns**.**histplot(data**=**titanic, x**=**'fare', bins**=**30, kde**=True**)

plt**.**title('Distribution of Ticket Prices')

plt**.**xlabel('Fare')

plt**.**ylabel('Frequency')

plt**.**show()