import matplotlib.pyplot as plt

import seaborn as sns

import pandas as pd

import numpy as np

import warnings

warnings.filterwarnings('ignore')

sns.\_\_version\_\_

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

dataset.head()

dataset.info()

dataset.shape

print("Number of peoples survived:-> ", dataset['survived'].value\_counts()[1])

print("Number of peoples Not survived:-> ", dataset['survived'].value\_counts()[0])

sns.countplot(data = dataset, x='survived')

plt.show()

sns.countplot(data = dataset, x='fare')

plt.show()

sns.histplot(dataset['fare'])

plt.show()

sns.boxplot(data=dataset, x='age', y='sex', hue='survived')

plt.show()

sns.pairplot(dataset)

plt.show()

sns.distplot(dataset['fare'])

sns.distplot(dataset['fare'], kde=False)

sns.jointplot(x='age', y='fare', data=dataset)

sns.jointplot(x='age', y='fare', data=dataset, kind='hex')

sns.rugplot(dataset['fare'])

sns.boxplot(x='sex', y='age', data=dataset)