Assignment 9

import pandas as pd

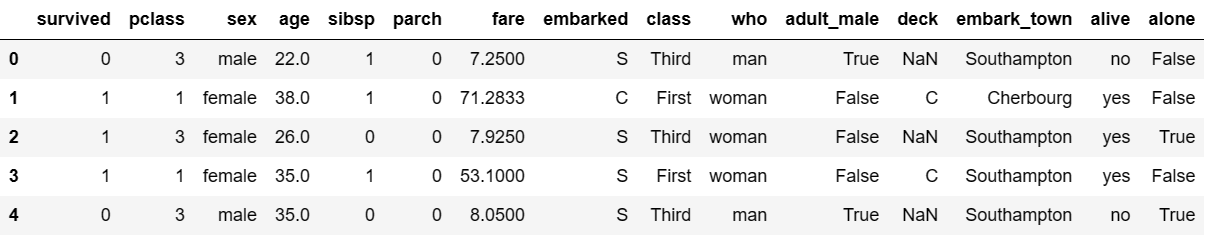
import numpy as np

import matplotlib.pyplot as plt

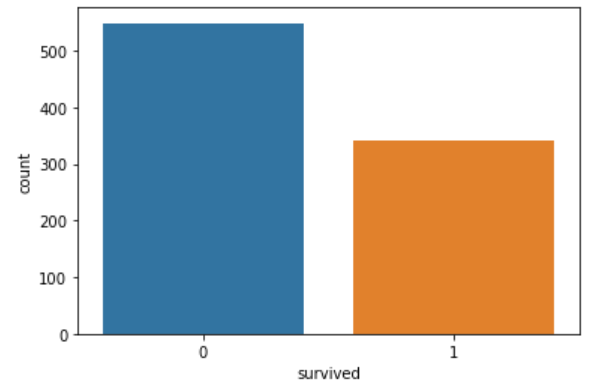
import seaborn as sns

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

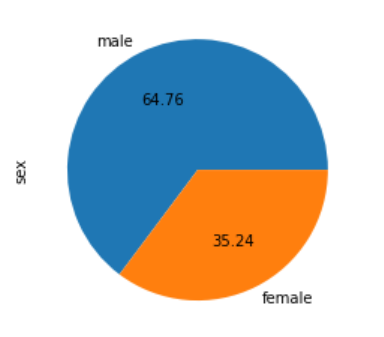
dataset.head()



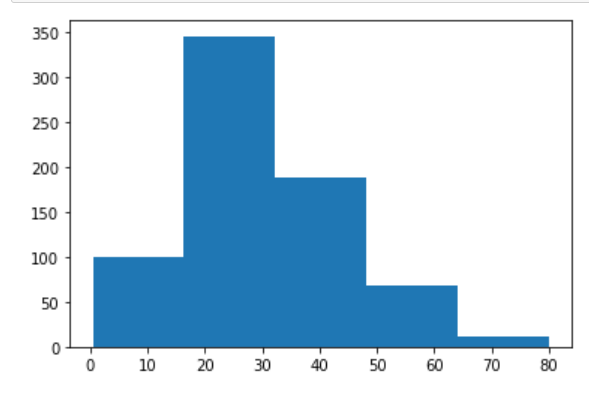
sns.countplot(dataset['survived']) plt.show()



dataset['sex'].value\_counts().plot(kind="pie", autopct="%.2f") plt.show()

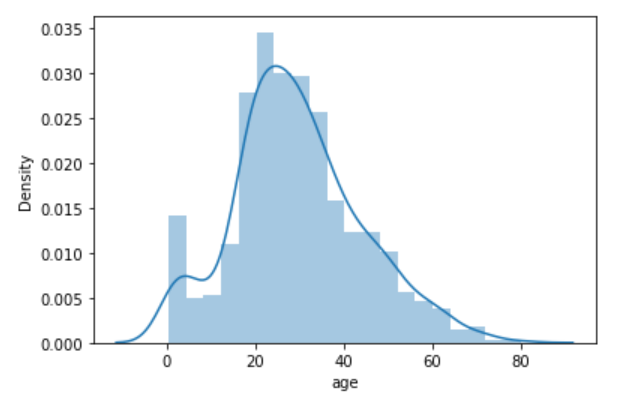


plt.hist(dataset['age'],bins=5) plt.show()



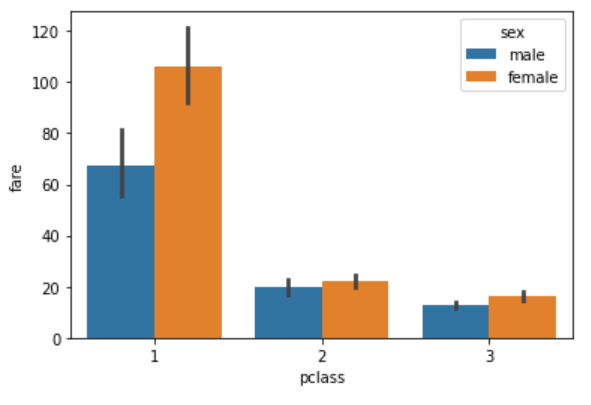
sns.distplot(dataset['age'])

plt.show()



sns.barplot(dataset['pclass'], dataset['fare'], hue = dataset ["sex"])

plt.show()



sns.boxplot(dataset['sex'], dataset["age"])

sns.boxplot(dataset['sex'], dataset["age"], dataset["survived"])

plt.show()

