Matplotlib mock

import pandas as pd

import matplotlib.pyplot as plt

data= pd.read\_csv('travel.csv')

#line plot

traveler\_count=data.groupby('Month')['Travelers'].sum()

revenue=data.groupby('Month')['Revenue'].sum()

plt.figure(figsize=(10,8))

plt.plot(traveler\_count.index, traveler\_count.values,color='b',label='Travelers',marker='o')

plt.plot(revenue.index, revenue.values,color='green',label='revenue',marker='s')

plt.title('trends of traveler count and revenue ')

plt.xlabel('months')

plt.ylabel('count/revenue')

plt.legend()

#pie chart

destination\_data=data.groupby('Destination')['Travelers'].sum().nlargest(5)

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

plt.pie(destination\_data, labels=destination\_data.index,autopct='%1.1f%%',startangle=140)

plt.title(' top five destinations ')

#scatter plot

monthly\_data = data.groupby('Month').sum()

plt.figure(figsize=(10,8))

plt.scatter(monthly\_data['Travelers'],monthly\_data['Revenue'], color='b')

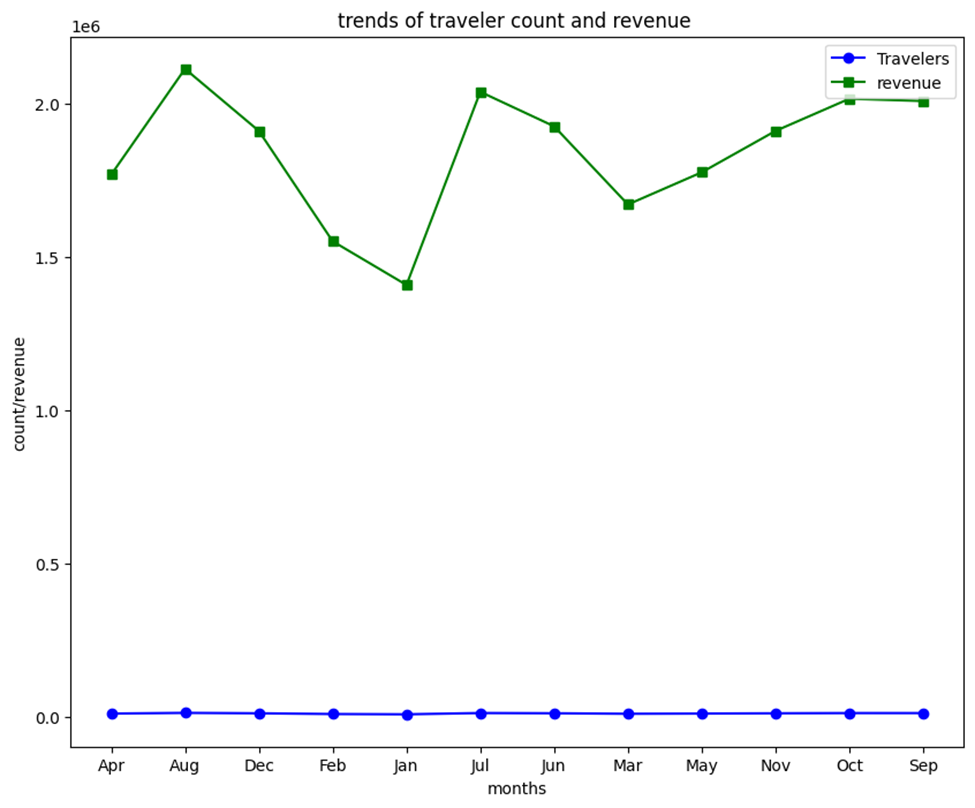
plt.title('relationship between travelers and the revenue')

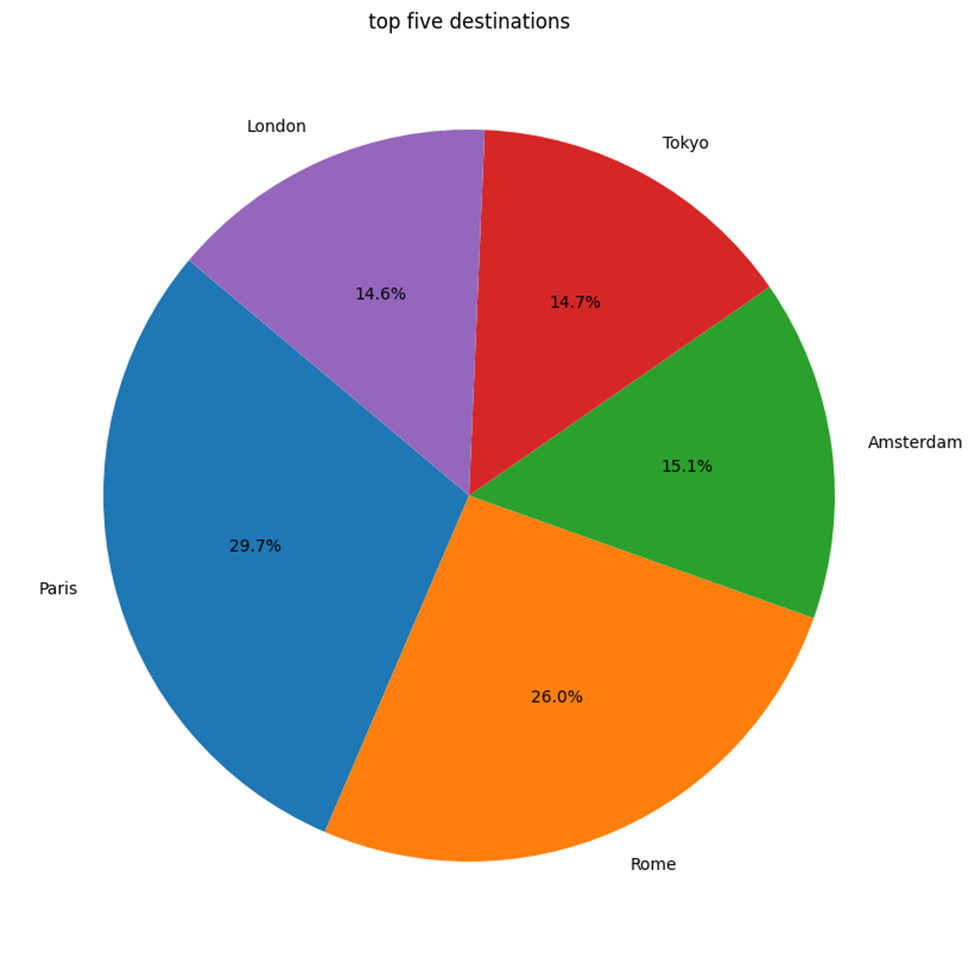
plt.xlabel('Traveler count')

plt.ylabel('Revenue generated')

plt.show()

o/p:



A graph with blue dots

Description automatically generated