Day1-Question-1

import pandas as pd

import numpy as np

import seaborn as sns

import matplotlib as mlp

import matplotlib.pyplot as plt

%matplotlib inline

a=np.arange(40,50)

b=np.arange(50,60)

plt.xlabel('a',color='blue')

plt.ylabel('b',color='blue')

plt.title('2d-diagram',color='blue')

plt.plot(a,b,'r\*',linestyle='dashed',linewidth=2,markersize=12)

---->Day-Question 2

days = [1,2,3,4,5,6,7] #days of d week

sales\_1 = [160,150,140,145,175,165,180] #sales of company1

sales\_2 = [70,90,160,150,140,145,175]

plt.xlabel('days',color='blue')

plt.ylabel('sales of two companies',color='blue')

plt.title('2d-diagram',color='blue')

plt.plot(days,sales\_1)

plt.plot(days,sales\_2)

--->Day1-Question-3

x = [1,2,3,4]

y1 = [4,3,2,1]

y2 = [10,20,30,40]

y3 = [40,30,20,10]

y4 = [1,2,1,2]

y5 = [40,70,90,70]

plt.subplot(3,3,1)

plt.plot(x,y1,'r--')

plt.subplot(3,3,2)

plt.plot(x,y2,'b\*')

plt.subplot(3,3,3)

plt.plot(x,y3,'ro')

plt.subplot(3,3,4)

plt.plot(x,y4,'b\*')

plt.subplot(3,3,5)

plt.plot(x,y5,'b\*')

plt.subplot(3,3,6)

plt.plot(y1,y2,'ro')

plt.subplot(3,3,7)

plt.plot(y2,y3,'ro')

plt.subplot(3,3,8)

plt.plot(y4,y5,'b\*')

plt.subplot(3,3,9)

plt.plot(y5,x,'b\*')