#draw columnar map

import numpy as np

import matplotlib.mlab as mlab

import matplotlib.pyplot as plt

X=[30,35,40,45,50,55,60,65,70,75]

Y=[1.03,1.07,1.11,1.17,1.23,1.32,1.42,1.55,1.72,1.94]

fig =0 plt.figure()

plt.bar(X,Y,0.4,color="red")

plt.xlabel("X-axis")

plt.ylabel("Y-axis")

plt.title("bar chart")

plt,show()

plt.savefig("barChart.jpg")