Assignment 10

Scipy:

We have the min and max temperatures in a city In India for each months of the year. We would like to find a function to describe this and show it graphically, the dataset given below.

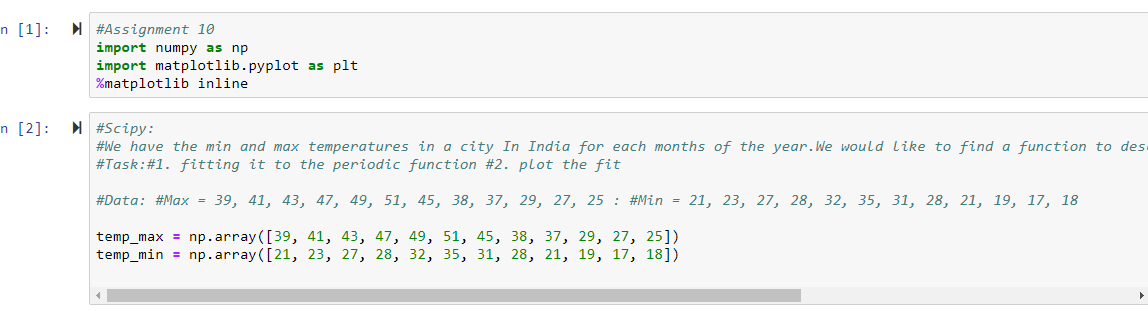
Task:

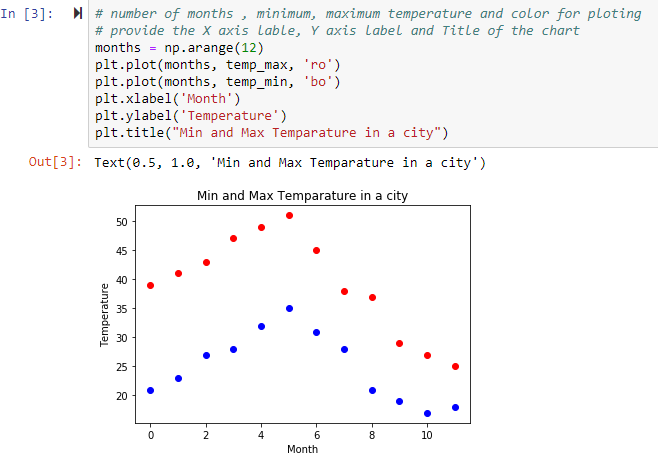
1. fitting it to the periodic function

2. plot the fit

Data

Max = 39, 41, 43, 47, 49, 51, 45, 38, 37, 29, 27, 25

Min = 21, 23, 27, 28, 32, 35, 31, 28, 21, 19, 17, 18



Matplotlib:

This assignment is for visualization using matplotlib:

data to use:

url=

https://raw.githubusercontent.com/Geoyi/Cleaning-Titanic-Data/master/titanic\_original.cs

v

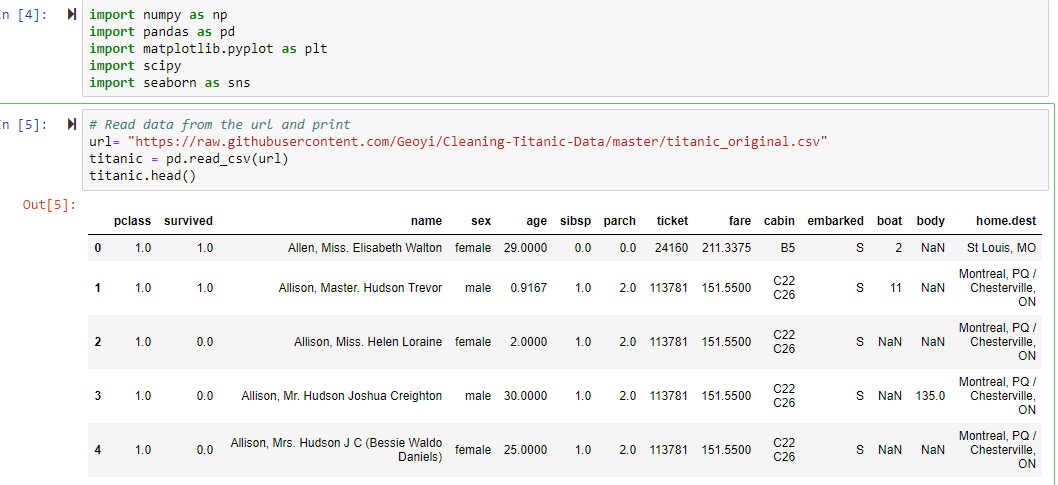
titanic = pd.read\_csv(url)

Charts to plot:

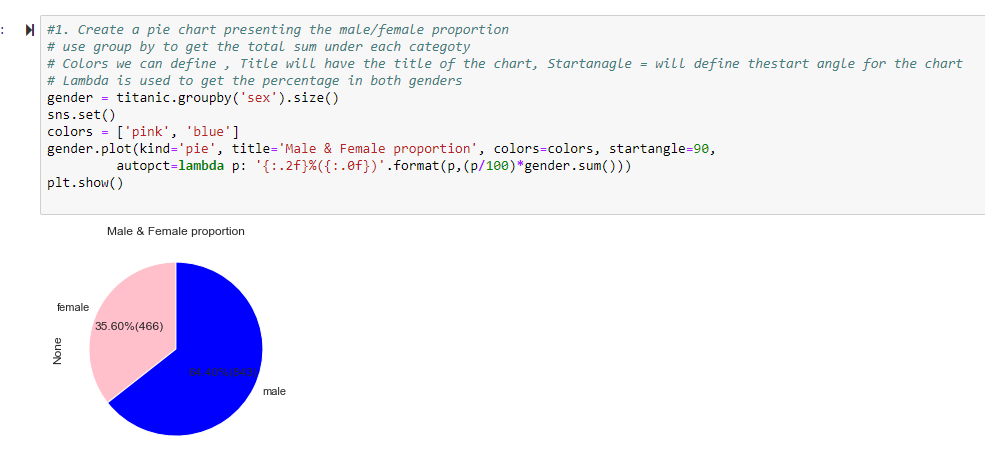
1. Create a pie chart presenting the male/female proportion

2. Create a scatterplot with the Fare paid and the Age, differ the plot color by gender

3. Expected Output



1. Create a pie chart presenting the male/female proportion



2. Create a scatterplot with the Fare paid and the Age, differ the plot color by gender

