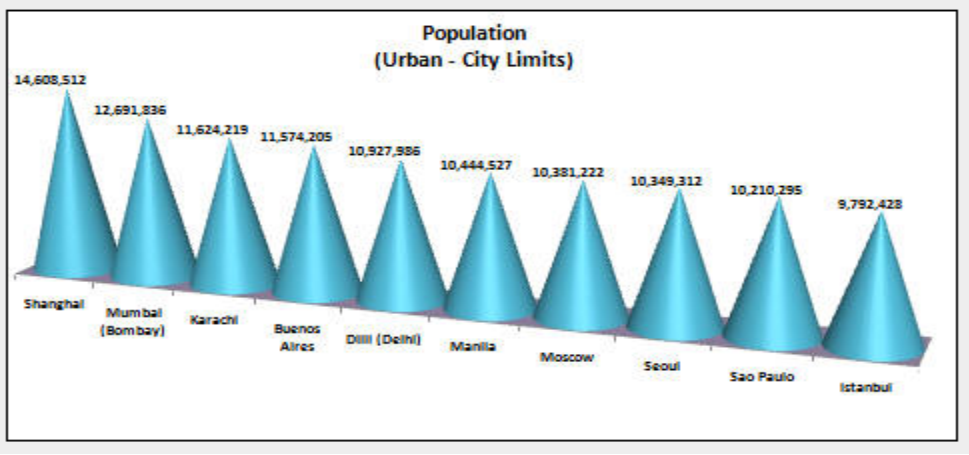
Project Title	Excel Case Study
Technologies	Analytics – Excel Charts
Domain	Education
Project Difficulties level	Advanced

Problem Statement:

Analytics allow you to quantify the effects of making a change to your strategy, and that's invaluable to the process of improving and optimizing campaigns. The biggest benefit of utilizing proper analytics is being able to identify strengths and weaknesses.

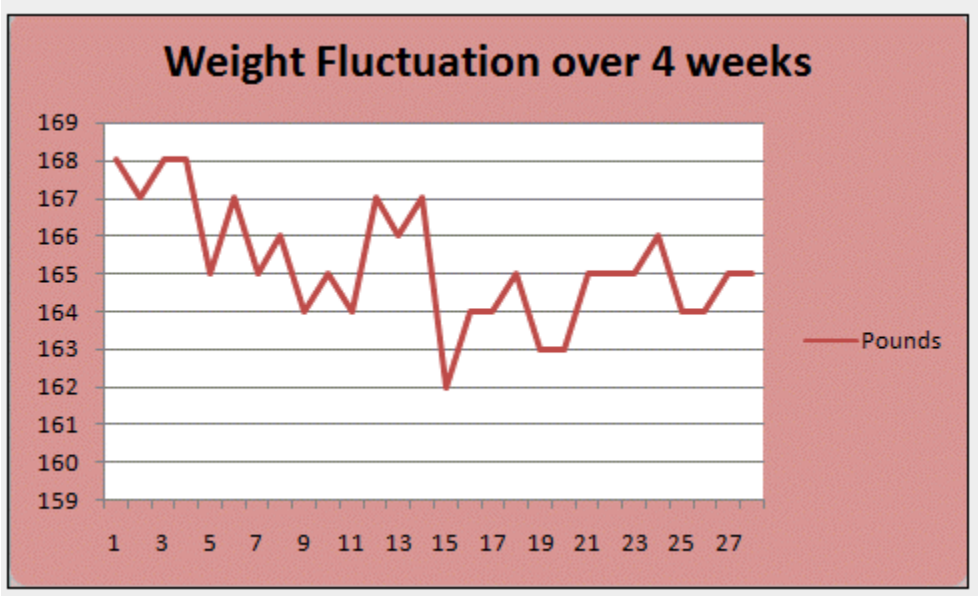
Problem statements are mentioned along with the datasets in the given excel sheets. Please download the file and answer the questions.

- Create a 3-dimensional column chart comparing sales data for men and women, but omitting BMWs
- Create a chart to compare the favorite films data for 15-25 year old only (be careful not to include any unnecessary blanks rows or columns in your selected data).
  Format this chart so that it is a pie chart, with the Barbarella slice "exploded" and each segment labelled:
- Select the necessary ranges of data to create a 3-D cone chart showing the **City** and the **Population**

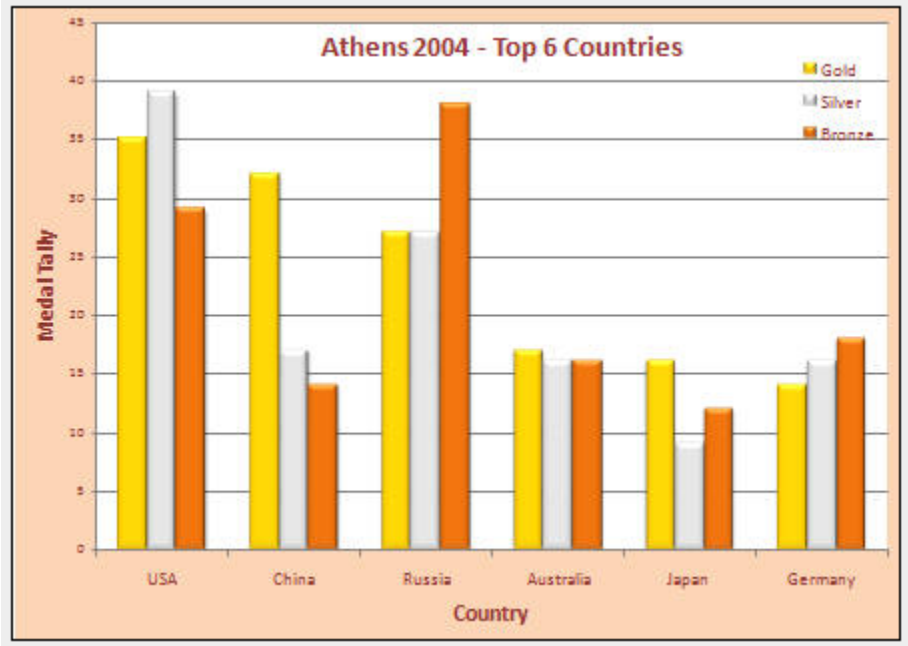


Click here to enter text.

- Convert this data into a line chart. Make the necessary changes to ensure that it resembles the one shown below.



- Create a chart which shows the top 6 countries and their medal hauls



- Plot a graph to compare the sales of 2012 and 2013. Also show the growth on

Click here to enter text.

Dataset:

Datasets are available in zip files. Google Drive links have been shared below:

https://drive.google.com/drive/folders/1VrH6EhC7c_KTZuTJcsp900X3l2h1mZiV?usp=sharing

Project Evaluation metrics:

Code: As per the requirements

- You are supposed to write a code in a modular fashion
- Safe: It can be used without causing harm.
- Testable: It can be tested at the code level.
- Maintainable: It can be maintained, even as your codebase grows.
- Portable: It works the same in every environment (operating system)
- You have to maintain your code on GitHub.
- You have to keep your GitHub repo public so that anyone can check your code.
- Proper readme file you have to maintain for any project development.
- You should include basic workflow and execution of the entire project in the readme file on GitHub
- Follow the coding standards: https://www.python.org/dev/peps/pep-0008/

Database:

- You are supposed to use a given dataset for this project.

https://drive.google.com/drive/folders/1VrH6EhC7c_KTZuTJcsp900X3l2h1mZiV?usp=sharing

Submission requirements:

High-level Document:

You have to create a high-level document design for your project. You can reference the HLD form below the link.

Demo link:

HLD Document Link

Low-level document:

Click here to enter text.

You have to create a Low-level document design for your project; you can refer to the LLD from the below link.

Demo link:

Low Level Design Sample document link

Architecture:

You have to create an Architecture document design for your project; you can refer to the Architecture from the below link.

Demo Link:

Architecture Document Link

Wireframe:

You have to create a Wireframe document design for your project; refer to the Wireframe from the below link.

Demo link

Wire-frame link

Project work:

You will have to share the Tableau Public Link of your work

You have to submit your code GitHub repo in your dashboard when the final submission of your project.

Demo link

Project code sample link :

Detail project report:

You have to create a detailed project report and submit that document as per the given sample.

Demo link

DPR sample link

Click here to enter text.

Project demo video:

You have to record a project demo video for at least 5 Minutes and submit that link as per the given demo.

Demo link

Project sample link :

The project LinkedIn a post:

You have to post your project detail on LinkedIn and submit that post link in your dashboard in your respective field.

Demo link

Linkedin post sample link :

Click here to enter text.