

Fractal Analytics data organisation and analysis project

This is your selection task so try to do it properly before the deadline to get selected.

Study the excel file provided to you and do the following analysis using the data:

Analysis in Excel:

- 1) Correlation ([Youtube link for correlation](#))
- 2) Covariance ([Youtube tutorial for covariance](#))
- 3) Descriptive statistics ([Tutorial for descriptive statistics](#))
- 4) Fourier analysis ([Tutorial for fourier analysis](#))
- 5) Regression analysis ([Tutorial for regression analysis](#))

The tutorial for the analysis is provided and you can watch the videos by clicking in the links for reference purposes.

The screenshots of these analysis as per the data provided should be presented under a separate heading in the MS Word document.

Note that these analyses should be presented separately in the MS word.

Note: This is just a sample and the pie chart should be according to the analysis of the data.

After this you have to answer these questions using your data analysis.

- 1) Which hospital is better for low income individuals for Pulmonary embolism? (Give support with the above analysis).
- 2) Which hospital has the most discharges and the least discharges in Alabama, California, Florida, Georgia, Illinois and Indiana.
- 3) List down the most costly hospitals in Alabama, California, Florida, Georgia, Illinois and Indiana.
- 4) Compare the average hospital charges in the US with that of India, China, South Korea, Japan, Sri Lanka, Lebanon, Poland, Canada, Argentina, Brazil, Chile, Malaysia. (Also provide the data of these countries in an excel file the way we have provided the data of the USA. The headings of the data should be similar to the USA one. Also provide the link of the source of the data at the end of the excel file. The data should be in the same format as the excel file we have provided is).

Present the data of these countries in separate excel files.

Important notes:

- 1) Make sure you present the analysis screenshots in your word report file or else your project will be deemed incomplete.
- 2) Make sure you provide the data of the states and countries or else your project will be deemed incomplete.
- 3) Make sure in your report the questions are mentioned along with the answers or else your project will be deemed incomplete.

Important point: Make sure you answer the fourth question in a proper way. The fourth question is as follows. Compare the average hospital charges in the US with that of India, China, South Korea, Japan, Sri Lanka, Lebanon, Poland, Canada, Argentina, Brazil, Chile, Malaysia. (Also provide the data of these countries in an excel file the way we have provided the data of the USA. The headings of the data should be similar to the USA one. Also provide the link of the source of the data at the end of the excel file. The data should be in the same format as the excel file we have provided is). Here, you have to present the data in excel with headings like diseases, hospital name, hospital street address, hospital city, hospital state, total discharges, average charge of the hospitals, average cost beared by the patient and average cost beared by the insurance. You have to make a data of at least 100 hospitals from each country. You have to search this data on the web. This data will not be provided to you instead you have to search the data and put it in an excel file. You just have to search the data and put it in an excel file. No need to analyse the data of other countries. Just analyse the data of the USA that has been provided to you. Rest all you have to do is find the data of other countries and put it in an excel file.

Deadline: Tonight 11:59 PM

Send the complete projects to your intern manager via whatsapp before the deadline

Regards

Vexom Marketing Solutions