



About Client:

Asia's leading medical Research lab release data of Cholesterol, Weight and respective Body Mass Index (BMI) of Animal species.

Problem Statement:

In the modern age of automation and digitalization, the client wants to create an application for a given BMI and Weight what will be the cholesterol level of the animal.

The Application should cover the following aspects:

1. Average BMI Index for specific category of the animal should be forecasted.
2. For a Given Input of a Weight of animal and forecasted BMI find out the cholesterol level. (Single or Multiple animals)
3. There should be option to get .csv or .xlsx file having BMI & Weight input data and generate result.
4. Solution needs to be shared via Jupyter notebook with us.

Please note :

- *Refer dataset (BMI_Data.csv) for data & attributes.*
- *Dummy data set shared in this case study should not be used for medical examination.*
- *Solution should be available in Jupyter notebook.*
- *Code should be structured & scalable with proper comments.*
- *Knowledge of Model deployment in any public cloud services e.g. AWS, GCP, Azure.*
- *Model Building, Deployment, re-train and monitor of model as well complete process of ML lifecycle skills are preferred.*