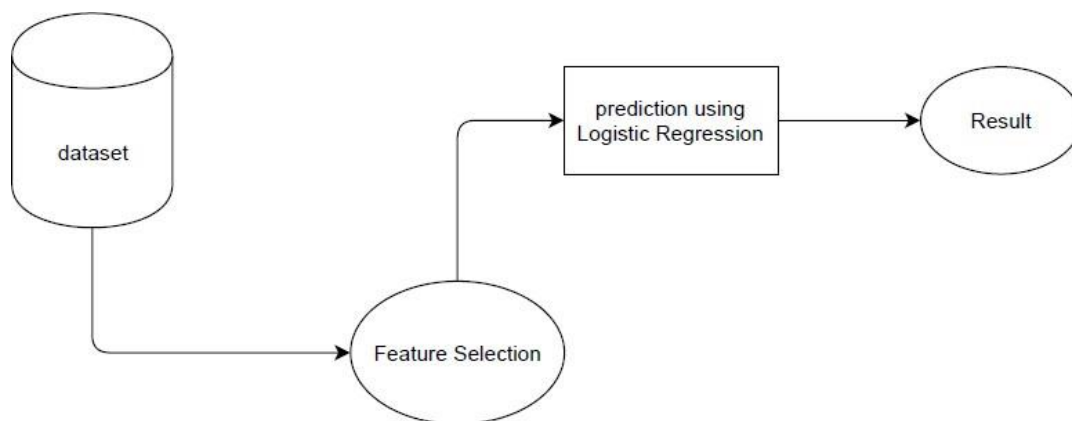


## Project Design Phase-I Solution Architecture

|               |  |
|---------------|--|
| Date          | 16 October 2022  |
| Team ID       | PNT2022TMID48518   |
| Project Name  | Visualizing and Predicting heart disease with an interactive dashboard |
| Maximum Marks | 4 Marks  |

### Solution Architecture:



Heart disease is the main cause of death in the developed world. Therefore, efforts must be made to reduce the likelihood of suffering a heart attack or stroke. Using the provided attributes, this dataset can identify which patients are most likely to have a heart condition in the near future. One of the leading causes of morbidity and mortality among the global population is heart disease. One of the most crucial topics in the clinical data analysis subsection is the prediction of cardiovascular disease. In the healthcare sector, there is an enormous amount of data. The vast amount of unprocessed healthcare data is transformed via data mining into knowledge that may be used to make forecasts and educated judgments. The dataset consists of 270 individual's data. There are 14 columns in the dataset, which are described below.

### Import dataset:

Read csv() is used to read the CSV data with the pandas package, and then with the learn package we can work with some models for the prediction process .