



Artificial Intelligence One Year Project

Assignment 06

Problem Statement or Requirement:

A client's requirement is, he wants to predict the insurance charges based on the several parameters. The Client has provided the dataset of the same.

As a data scientist, you must develop a model which will predict the insurance charges.

- 1.) Identify your problem statement
- 2.) Tell basic info about the dataset (Total number of rows, columns)
- 3.) Mention the pre-processing method if you're doing any (like converting string to number – nominal data)
- 4.) Develop a good model with r^2 score. You can use any machine learning algorithm; you can create many models. Finally, you have to come up with a final model.
- 5.) All the research values (r^2 score of the models) should be documented.
(You can make tabulation or screenshot of the results.)
- 6.) Mention your final model, justify why you have chosen the same.

Kindly create Repository in the name **Regression Assignment**.

Upload all the ipynb and final document in the pdf.