Assignment

**Problem Statement:**

The goal of this project is to give people an estimate of how much they need based on their individual health situation. After that, customers can work with any health insurance carrier and its plans and perks while keeping the projected cost from our study in mind. This can assist a person in concentrating on the health side of an insurance policy rather than the ineffective part.

**Approach**: The classical machine learning tasks like [Data](http://ccbst.co/examcenter/mod/resource/view.php?id=7571) Exploration, [Data](http://ccbst.co/examcenter/mod/resource/view.php?id=7571) Cleaning, Feature Engineering, Model Building and Model Testing. Try out different machine learning algorithms that’s best fit for the above case. Some Famous Algorithms: - Multiple Linear Regression, Lasso Regression, Elastic Regression and their CV models.

**Results**: You must build a solution that should be able to predict the premium of the personal for health insurance

**Dataset:**

Dataset Link: - https://www.kaggle.com/datasets/noordeen/insurance-premium-prediction

**Cloud:**

• You can use any cloud platform for this entire solution hosting like Render, AWS, Azure or GCP. You need to create a live web page using flask.