

**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.

**3 stages of problem identification:**

1. Machine Learning
2. Supervised Learning
3. Regression

**Total No Of Rows :** 1338 rows

**Total No Of Columns :** 6 columns

**The Pre-Processed Method :**

- \*Converting words into numerical
- \*One Hot Encoding

**Good Model With r2\_score:**

Random Forest = 0.8538