**ALGORITHM: Regression**  
**Requirement:** To predict the insurance charges.  
  
**Dataset:**  
**Input columns(x):** age, sex, bmi, children, smoker  
**Out columns(y):** charges  
  
Column sex and smoker are converted as they are categorical data  
  
The dataset has been implemented in the following ALGO and results are tabulated (Refer to the attached excel sheet).

**Result:**

From the give r2 score evaluation, the best model is assumed to be “Random Forest – Ensemble”