***Assignment-Regression Algorithm***

***Problem Identification Statement***

1. *Statge 1 --- > Domeain selection --- > Machine Learning*

*Stage 2 --- > Requirements clear,*

*i/p, o/ps are there --- > Supervised learning*

*Stage 3 --- > o/p variable charges*

*having Numeric values --- > Regression*

1. *Number of Rows --- > 1339*

*Columns --- > 1.Age*

*2.Sex*

*3.BMI*

*4.Children*

*5. Smoker*

*6. Charges*

*3. Here, columns Sex, Smoker are nominal data.*

*string to number converting columns.*