**Multiple Linear Regression**

* Multiple Linear Regression is an extension of Simple Linear regression as it takes more than one predictor variable to predict the response variable.
* Multiple Linear Regression is one of the important regression algorithms which models the linear relationship between a single dependent continuous variable and more than one independent variable.

***key points about MLR:***

* For MLR, the dependent or target variable(Y) must be the continuous/real, but the predictor or independent variable may be of continuous or categorical form.
* Each feature variable must model the linear relationship with the dependent variable.
* MLR tries to fit a regression line through a multidimensional space of data-points.

