**Simple Linear Regression**

* Simple Linear Regression is a type of Regression algorithms that models the relationship between a dependent variable and a single independent variable. The relationship shown by a Simple Linear Regression model is linear or a sloped straight line, hence it is called Simple Linear Regression.
* The key point in Simple Linear Regression is that the dependent variable must be a continuous/real value. However, the independent variable can be measured on continuous or categorical values.

**Simple Linear regression algorithm has mainly two objectives:**

* Model the relationship between the two variables. Such as the relationship between Income and expenditure, experience and Salary, etc.
* Forecasting new observations. Such as Weather forecasting according to temperature, Revenue of a company according to the investments in a year, etc.





