**Regression:**

We use regression model to predict a real value like salary

Say, our independent variable is time: using regression we forecast future values

Otherwise, model will predict the values, but they will be of present and unknown

We have different types of regression which vary from simple linear regression to Support Vector for regression and Random Forest regression

**SIMPLE LINEAR REGRESSION:**

WE will have dependent variable which need to predict and an independent variable which will be the predictor

We will have a constant and a slope (Y -intercept) and a coefficient

In this project , I have worke don Sample data

Dataset: this contains 30 observation with years of experience and salaried of the few employees of the company

Each row corresponds to one employee

Simple linear regression to understand the correlation between them adding new employee and years of experience and how much salary should he be given