

# Machine Learning :-

## 1. The term regularization:-

Regularizations are techniques used to reduce the error by fitting a function appropriately on the given training set and avoid overfitting. Regularization works for building industry and financial relations with other countries.

## 2. Explain the term error present in linear regression equation:-

Within a linear regression model tracking a stock's price over time, the error term is the difference between the expected price at a particular time and the price that was actually observed. In instances where the price is exactly what was anticipated at a particular time, the price will fall on the trend line and the error term will be zero.

## 3. Which particular algorithms are used for regularization:-

- (i). Ridge regression
- (ii). Lasso