Profits prediction of company using different regression algorithms

ABSTRACT

When there is no computerized system there is always a difficulty in predicting profit as there are many considerations to be done. Wisdom of Models is a machine learning algorithm for predicting profit via R&D costs,administration cost and marketing spend in a business. Wisdom of Models focusses on other three machine learning algorithms, SVR, random forest, décision tree and multiple regression to derive a new prediction, which can be safer than a single algorithm.we will use different metrics for model selection like MSE, R2 SCORE, MAE, RMSE . Based on better accuracy wé will select the best algorithm for Target variable.

Keywords: Regression, SVR, random forest, Machine learning.

Libraries:pandas, numpy, seaborn, sklearn, matplotlib

Name:Gurram keerthana

Under :Exposys data lab