

## Cash Deposits

- For this kind of problem, Data cleaning & Data preparation is very important.
- Let's not straight away drop the date column just because it has too many nulls. Analyze the date column as well because sometimes it may be the column that brings much information and patterns.
- You can try transforming date stamp into pieces like day, week, year, month. (Not a mandatory transformation).
- Other Deposit columns also have nulls, try multiple ways of imputing the null values(You can trial & error with mean, rolling mean, or mode).
- You can try Feature Scaling to normalize the independent variables.
- Plot More Graphs to understand the relationship between variables and between independent and the target variable.
- Don't end up with just OLS, LASSO, RIDGE, explore more regression algorithms like DecisionTreeRegressor, ExtraTreeRegressor, XGbregressor, etc.,
- Build the model once then go back again to find some important variables which are influencing the target and tune the model again.
- Pick the right algorithm and try to hyper-tune the parameters by applying RandomSearch CV or GridSearch CV.