

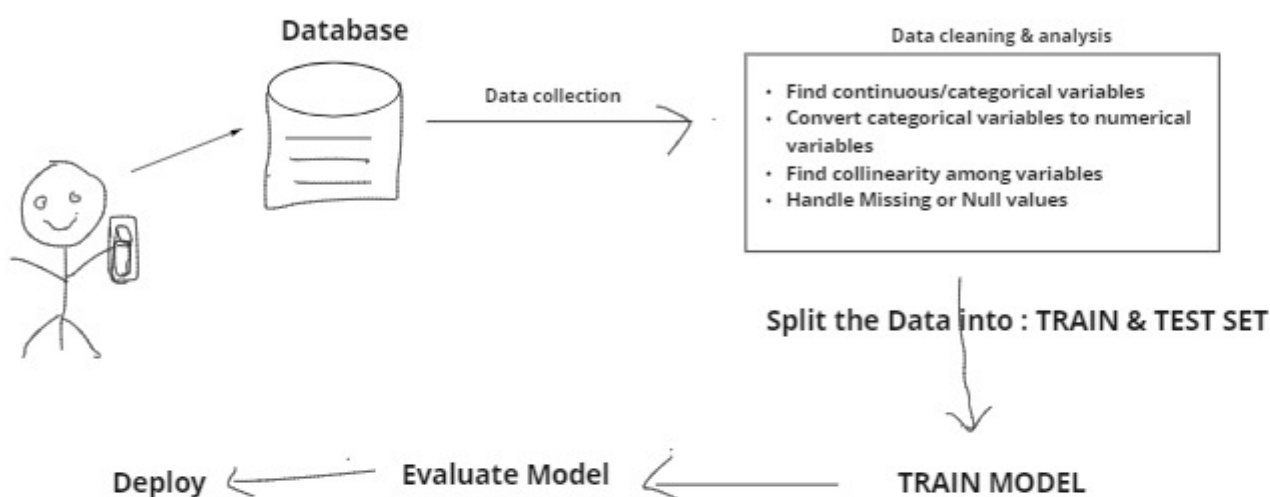


Workflow of ML Project

- Data Acquisition
- Data processing/cleaning
- Data Analysis
- Model Training
- Model Evaluation

GOAL :
Learn ML & DL in
the shortest time
possible.

Overview of Machine Learning project



NOTE : Almost 70-80% of time is spent on Data cleaning

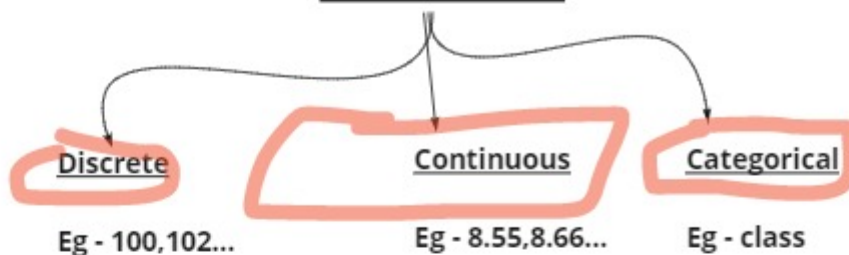
Common Terminologies in ML

- 1] Model == "ML Algorithm"
- 2] Feature, Dimension, Independent Variable == "column"
- 3] Optimise == "to make something better"

	Age	Experience(yr)	Job	Salary
1]	24	3.5	Software engineer	50000
2]	28	5.6	Data scientist	80000
3]	35	10.1	ML engineer	120000

"Target Variable" or "Dependent Variable"

Variables



Data Splitting - Train & Testing Data

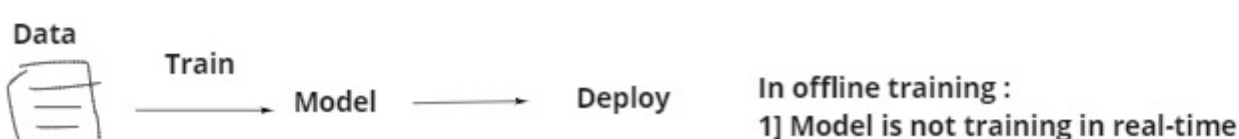
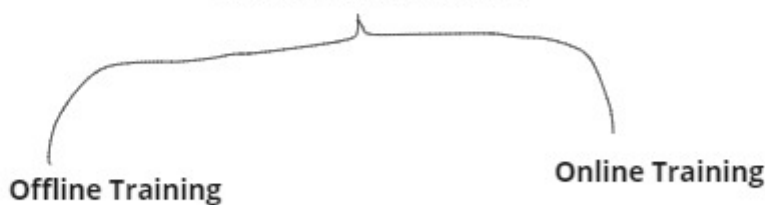
We split the data into train and test data set. We train out model on Train set and then test its accuracy on Test set.

NOTE : Training the model == "Learning the parameters"

Next Video :

Data Cleaning & Converting Categorical Variables into Numerical Variables

TRAINING OUR MODEL



NOTE : In most of the cases you'll use offline training