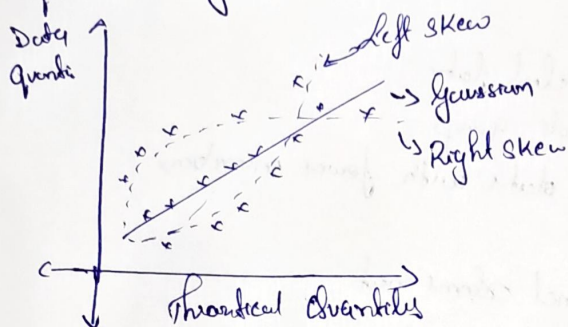


Q-Q plot Dt: 19th Aug
Quantile-Quantile plot

→ In Statistics, a Q-Q plot is a probability plot i.e. graphical method for comparing two probability distributions by plotting their quantiles against each other.



→ If two distributions being compared are similar, the points in the Q-Q plot will approximately lie on the identity line $y=x$.

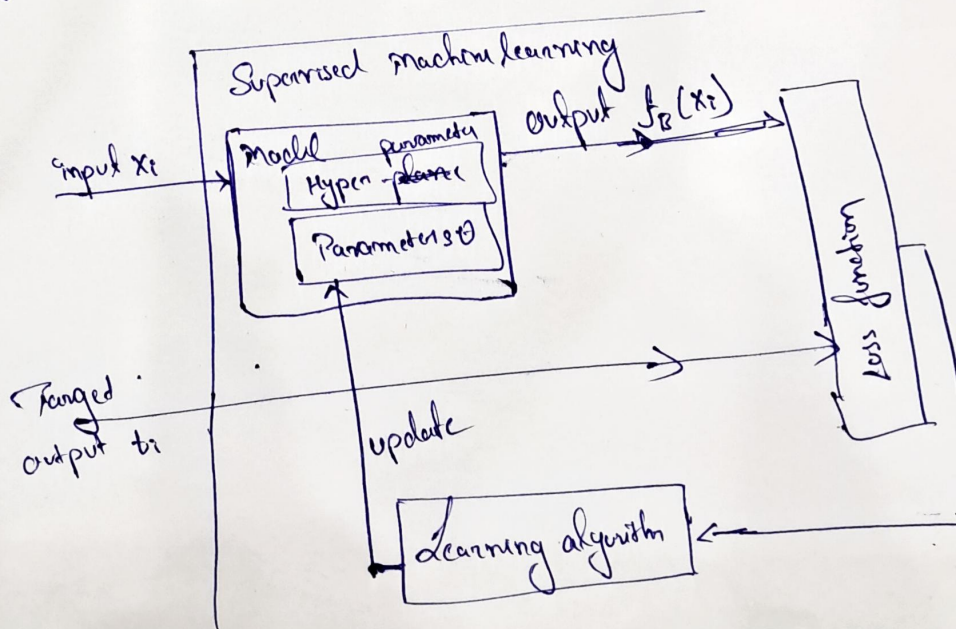
DBMS / (Relational Database Management System)

- What is Database?
- Why Database?

Structured Query Language (SQL)

- Language for interaction with RDBMS

ML



Types of ML Problem

- Supervised Learning:
 - Classification: Labels are discrete
 - Regression: Labels are continuous
 - Ranking: Labels are ordered
- Unsupervised Learning: uses unlabeled data
 - clustering: Divide data into discrete group
 - Dimensionality reduction: Represent data with fewer numbers
- Semi-Supervised Learning
 - Some examples are labeled and some are not

Bias-Variance trade-off

- underfitting: High ~~var~~ bias, Low variance
- overfitting: Low bias, High variance