A DAY IN LIFE OF A

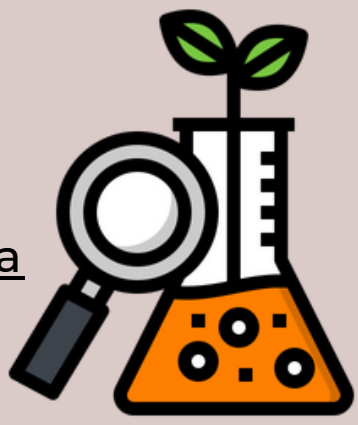
Data Scientist

01 WHAT WE WANT?

Breakdown Of The Problem.

02 RESEARCH ON THE PROBLEM

Exploring What Data Is Needed To Solve The Problem.



03 DATA MINING

Collection Of Data From Different Sources.

- Surveys
- Databases
- Web Scraping

04 DATA PREPARATION

Making Data Usable

- Data Cleaning
- Data Wrangling
- Extract -> Transform -> Load

05 EXPLORATORY DATA ANALYSIS

Understanding The Naughty Behaviour Of Data.

- Descriptive Analysis
- Data Visualization
- Gathering Insights

06 REPORTING

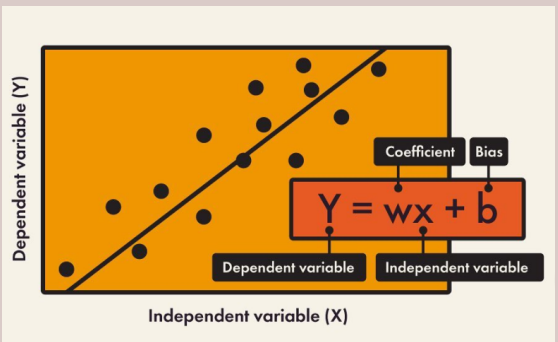
Dashboarding Insights & Illustrating A Story.

- Tableu | Power BI

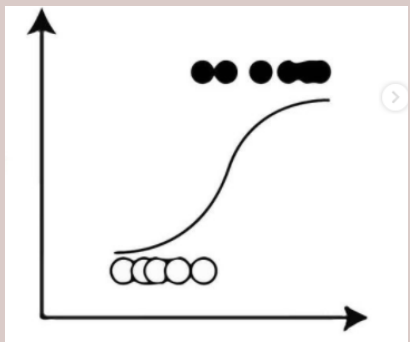
07

MODELING

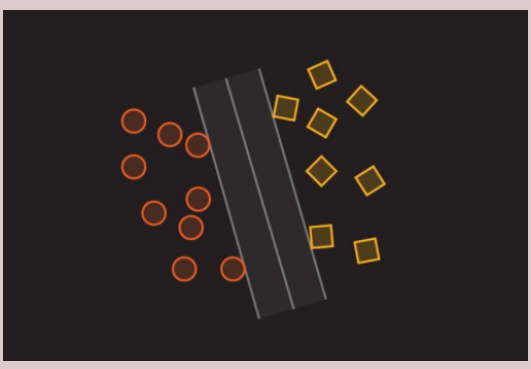
Using Machine Learning & Deep Learning To Extract Complex Patterns From Data, For Making Predictions.



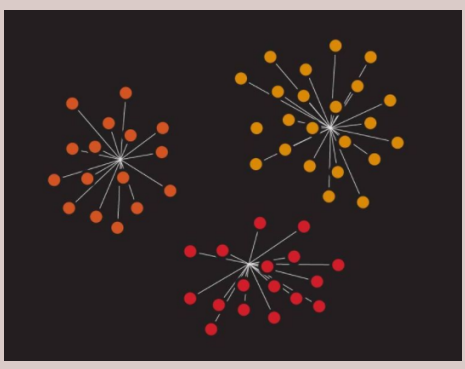
Linear Regression



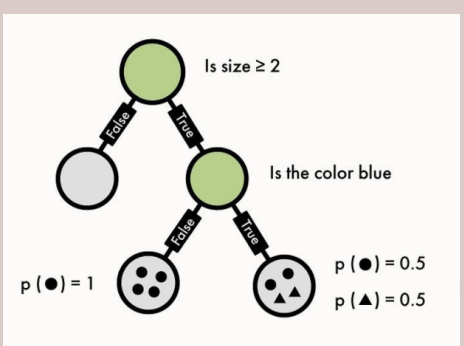
Logistic Regression



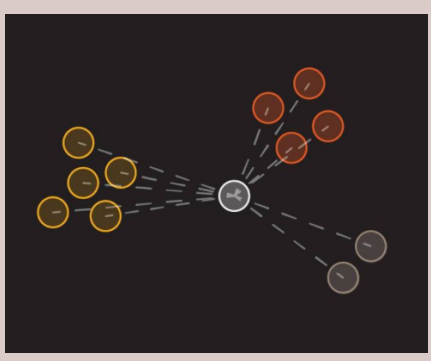
Support Vector Machine



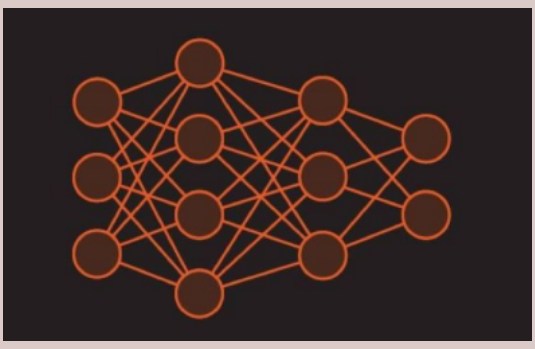
Kmean Clustering



Decision Tree



K Nearest Neighbours



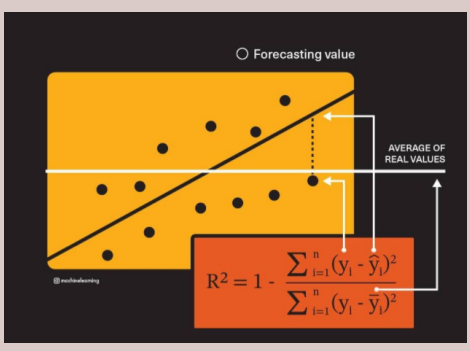
Artificial Neural Network

PyTorch | TensorFlow

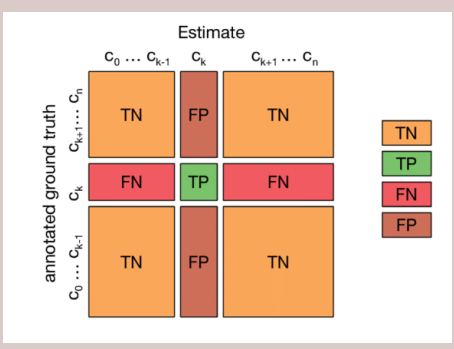
08

TESTING & EVALUATION

Test Model With New Data & Evaluate Performance.



R2 Score



Confusion Matrix

09

DEPLOYMENT

Deploying Model on Cloud, To Make Predictions In Real World Environment.

AWS

Azure