✅Day-1: Overview A.I | Machine Learning

✅Day-2: Introduction to Python | How to write code in Google Colab, Jupyter Notebook, Pycharm & IDLE

SUPERVISED LEARNING - CLASSIFICATION & REGRESSION

✅Day-3: Advertisement Sale prediction from an existing customer using LOGISTIC REGRESSION

✅Day-4: Salary Estimation using K-NEAREST NEIGHBOR

✅Day-5: Character Recognition using SUPPORT VECTOR MACHINE

✅Day-6: Titanic Survival Prediction using NAIVE BAYES

✅Day-7: Leaf Detection using DECISION TREE

✅Day-8: Handwritten digit recognition using RANDOM FOREST

✅Day-9: Evaluating Classification model Performance using CONFUSION

MATRIX, CAP CURVE ANALYSIS & ACCURACY PARADOX

✅Day-10: Classification Model Selection for Breast Cancer classification

✅Day-11: House Price Prediction using LINEAR REGRESSION Single Variable

✅Day-12: Exam Mark Prediction using LINEAR REGRESSION Multiple Variable

✅Day-13: Predicting the Previous salary of the New Employee using

POLYNOMIAL REGRESSION

✅Day-14: Stock price prediction using SUPPORT VECTOR REGRESSION

✅Day-15: Height Prediction from the Age using DECISION TREE REGRESSION

✅Day-16: Car price prediction using RANDOM FOREST

✅Day-17: Evaluating Regression model performance using R-SQUARED

INTUITION & ADJUSTED R-SQUARED INTUITION

✅Day-18: Regression Model Selection for Engine Energy prediction.

UNSUPERVISED LEARNING - CLUSTERING

✅Day-19: Identifying the Pattern of the Customer spent using K-MEANS

CLUSTERING

✅Day-20: Customer Spending analysis using HIERARCHICAL CLUSTERING

✅Day-21: Leaf types data visualization using PRINCIPLE COMPONENT

ANALYSIS

✅Day-22: Finding Similar Movie based on ranking using SINGULAR VALUE

DECOMPOSITION

UNSUPERVISED LEARNING - ASSOCIATION

✅Day-23: Market Basket Analysis using APIRIORI

✅Day-24: Market Basket Optimization/Analysis using ECLAT

REINFORCEMENT LEARNING

✅Day-25: Web Ads. Click through Rate optimization using UPPER BOUND

CONFIDENCE

Natural Language Processing

✅Day-26: Sentimental Analysis using Natural Language Processing

✅ Day-27: Breast cancer Tumor prediction using XGBOOST

DEEP LEARNING

✅Day-28: Pima-Indians Diabetes Classification

✅Day-29: Covid-19 Detection using CNN

✅Day-30: A.I Snake Game using REINFORCEMENT LEARNING