

7LearnDS1

Classification/Regression

- Image Mining
- Text Mining
- SVM/RandomForest/KNN/DecisionTree/VotingClassifier/XGBoost/Catboost/Adaboost
- Matric
 - F1/Accuracy/Precision/Recall
 - R2/MAE/MSE

Data Preprocessing

- Missing Value
 - KNNImputer
 - Mean Replacement
- Categorical
 - OHE
- Scale
 - MinMax
 - StandardScaler
 - L2Normalization
- Correlation
 - Pearson
 - Spearman
 - Kendall Tau

Data Engineer/BI

- BI
- ETL/ELT/OLAP/OLTP
- SQL/NoSQL
- BigData
- MapReduced
- Hadoop/Spark
- DataMart/OLAP

Statistics

- Introduction
 - Mean/Mode/Median
 - STD/Var
 - Skew
 - Kurtosis
- Data Distribution
 - Uniform
 - Normal/Gussian
 - Bernouli
 - Binomial/Multinomial
 - PMF/PDF/CDF
- A/B
 - P-Value/ZTest

Introduction/Installation

- Application
- Python
 - Jupyter
 - VS Code
 - PyCharm

Matrix/Linear Algebra

- Matrix/N Dimensional Space
- Python Numpy
- Python Pandas

Data Visualization

- Chart (Histogram, Bar, Pie, Line, Dot, Scatter, ...)
- Python Matplotlib/Seaborn
- Python Bokeh