What is mean by OLAP and OLTP

EDA🡺 Expository data process

Includes:

Null value

Feature selection

Feature engineering

Encoding

Feature standardization

Outlier detection

Algorithms

Supervise and unsupervised

Features = column name

Types of Machine Learning Algorithms:

1. Supervise(Independent features with dependent features)

e.g., math science history marks are independent features

* Classification

Used is >> target feature is categorical e.g. True/false, Y/N, 0/1

* Regression

Target value is not fixed

It has continues value/data, e.g. 1.0, 2.0, 3.0, 4.0, 1.0, 6.0 etc.

1. Unsupervised(Only dependent features)

E.g., Result = Dependent features/target variable or features/ground truth

* Clustering

1. Reinforcement

* Self Learning Model

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1. Outlier: (Exceptional point, i.e., if data enters from human or machine)

Technics: 1) Mean 2) Median 3) Mode

1. Data Imputation: (Putting the data into Null values)

***PANDAS***:

1. Series: one dimensional
2. Data frame: 2D
3. Panel: 3D