

ML development life cycle

classmate

Date _____

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Frame the problem

[what is the problem, which algorithm to use, etc.]



gather data

[collect data from sources]



Data Preprocessing

[remove duplicates, outliers, scaling, standardizing]



Exploratory Data Analysis (EDA)

[visualization, univariate, bivariate analysis, imbalanced data]



Feature Engineering

[feature creation, transformation, extraction]



Model Training, Evaluation and Selection



Model Deployment

[convert the model into software]



Testing



Optimize