

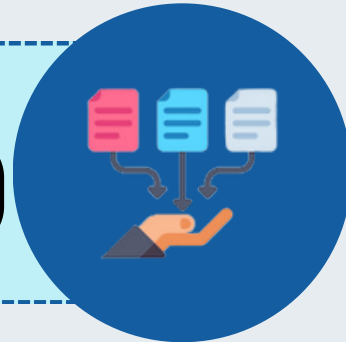
ITL-Interview Task

If you had 10,000 pictures of oranges and 1,000 pictures of apples, design a simple pipeline for classifying these images.

Data Collection

10, 000 oranages

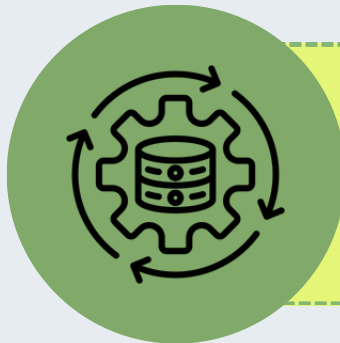
1,000 apples



1

Data Preprocessing

2



Resize

Augmentation

Normalization

Data Split

Train set

Validation
set

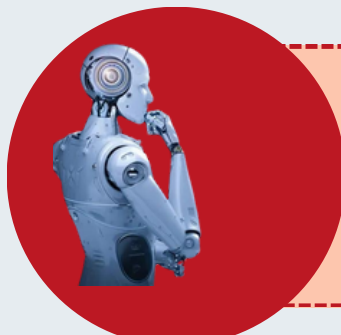
Test set



3

Build DL Model

4



Model Selection

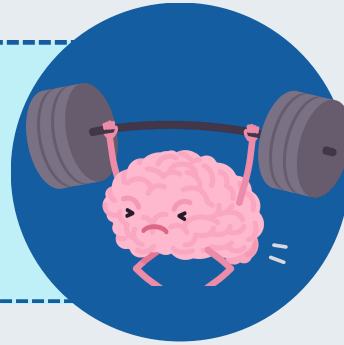
Architectuture

ITL-Interview Task

Model Training

Train data

Validation data



5

Performance Evaluation

6



Test data

Metrics

Model Deployment

Save model

Load model



7

Monitoring

8



Fine-tune



Concept implementation in GitHub