

## DATA INGESTION

1. Download the dataset from Database.
2. Extract the dataset.
3. Storing the dataset into Data Ingestion Artifact.

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## DATA VALIDATION

1. Verify that all the directories in correct structural format.
2. Store the validation status in Data Validation Artifact.

## MODEL TRAINER

1. The model is trained using YoloV8 framework.
2. The trained model is stored in Model Trainer Artifact

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## MODEL PUSHER

Upload the best model to S3 bucket