

## Data Collection and Preprocessing Phase

Date	30 Sep 2024
Team ID	724803
Project Title	Railway Sentry: Detecting Workers on Railway Tracks using YOLO V9
Maximum Marks	2 Marks

### Data Quality Report Template

The Data Quality Report for Railway Sentry evaluates the accuracy, precision, and recall of YOLO V9 in detecting workers on railway tracks, ensuring high-quality input data, minimizing false positives/negatives, and enhancing model reliability for improved railway safety.

<b>Data Source</b>	<b>Data Quality Issue</b>	<b>Severity</b>	<b>Resolution Plan</b>
Code	Collected form ultralytics	Low	Made modifications by giving my file path
Dataset	Given only train dataset but not given test and valid dataset.	High	Made a new dataset in Roboflow.
Templates	Downloaded from bootstrap.	Low	Modified as per my project.