

Data Collection and Preprocessing Phase

Date	30 Sep 2024
Team ID	739704
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.

Data Source	Data Quality Issue	Severity	Resolution Plan
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.
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