

Data Collection and Preprocessing Phase

Date	30 Sep 2024
Team ID	739648
Project Title	GuardianEye:YOLO-Based Smart Helmet Detection System For Enhanced Safety In Real-Time
Maximum Marks	2 Marks

Data Quality Report Template

A Data Quality Report is essential for assessing the quality of data in a YOLOv5-based smart helmet detection system. This system focuses on detecting helmet usage in real-time, contributing to enhanced safety. Here's an outline of the template for such a report:

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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