

Data Collection and Preprocessing Phase

Date	29 June 2024
Team ID	SWTID1720084679
Project Title	CovidVision: Advanced COVID-19 Detection from Lung X-rays with Deep Learning
Maximum Marks	2 Marks

Data Quality Report Template

The Data Quality Report Template will summarize data quality issues from the selected source, including severity levels and resolution plans. It will aid in systematically identifying and rectifying data discrepancies.

Data Source	Data Quality Issue	Severity	Resolution Plan
Dataset	Inconsistent Image Sizes	Moderate	1. Resize images to a uniform size of 299x299 pixels during preprocessing.
	Class Imbalance	High	Use data augmentation to artificially increase the number of images in underrepresented classes.