

Data Collection and Preprocessing Phase

Date	15 July 2024
Team ID	XXXXXX
Project Title	Predicting The Energy Output Of Wind Turbine Based On Weather Condition
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	Unexpected spikes or drops in data that may indicate measurement errors or exceptional operational conditions.	Moderate	To reduce surprises in wind turbine SCADA data that indicate measurement errors or malfunctions, use data smoothing techniques such as moving averages and the probing process that have been found to increase data reliability.