

## Data Collection and Preprocessing Phase

Date	20 july 2024
Team ID	740063
Project Title	Predicting the energy output of wind turbine based on weather conditions.
Maximum Marks	2 Marks

### Data Quality Report Templat

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.

<b>Data Source</b>	<b>Data Quality Issue</b>	<b>Severity</b>	<b>Resolution Plan</b>
Kaggle Dataset	Missing values in temperature data.	moderate	<ul style="list-style-type: none"> <li>-Implement imputation techniques such as mean,median,or interpolation to fill missing temperature values.</li> <li>-Verify imputed values against nearby weather stations or historical average to ensure accuracy.</li> </ul>
Kaggle Dataset	Outliers in windspeed measurements	high	<ul style="list-style-type: none"> <li>-Identify outliers using statistical methods and domain knowledge and apply trimming techniques.</li> </ul>

