Model Development Phase Template

Date	15 july 2024
Team ID	740040
Project Title	Predicting CO2 emissions by countries using machine learning
Maximum Marks	5 Marks

Feature Selection Report Template

In the forthcoming update, each feature will be accompanied by a brief description. Users will indicate whether it's selected or not, providing reasoning for their decision. This process will streamline decision-making and enhance transparency in feature selection.

Feature	Description	Selected (Yes/No)	Reasoning
Country name	Name of the country	Yes	Necessary for identifying which country the co2 emissions data pertains to
Country code	Unique identifier for each country	Yes	Useful for data merging and consistency in identifying countries across different datasets
Indicator name	Name of the indicator	yes	Essentail for understanding what the value represents
Indicator code	Unique code for the indicator	no	Not necessary for analysis; the indicator name suffices

year	Year of the data point	yes	Required for trend analysis and time series forecasting.
value	Co2 emissions value	yes	Core data for analysis , as it represents the co2 emissions to be predicted.