

Project Design Phase

Proposed Solution Template

Date	03 February 2026
Team ID	LTVIP2026TMIDS47257
Project Name	Electric Motor Temperature Prediction using Machine Learning
Maximum Marks	2 Marks

Proposed Solution Template:

Out of all the models selected in problem solution. The decision Tree regressor is giving an r^2 -score of 96%, it means the model is able to explain 96% of the data. so we will select the decision tree model and save it. To know more about R^2 -score, please refer to the below link <https://www.geeksforgeeks.org/machine-learning/ml-r-squared-in-regression-analysis/>