

Project Development Phase Model Performance Test

Date	12 February 2026
Team ID	LTVIP2026TMIDS57051
Project Name	Exploratory Analysis of Rainfall Data in India for Agriculture.
Maximum Marks	

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	<pre>import numpy as np from sklearn.impute import SimpleImputer imp_mode = SimpleImputer(missing_values=np.nan, strategy="most_frequent") cat_data = imp_mode.fit_transform(cat_data) cat_data = pd.DataFrame(cat_data, columns=cat_names) data = pd.concat([data, cat_data], axis=1)</pre>
2.	Data Preprocessing	<pre>from sklearn.preprocessing import LabelEncoder le = LabelEncoder() for col in data.select_dtypes(include="object").columns: data[col] = le.fit_transform(data[col])</pre>
3.	Utilization of Data Filters	-
4.	DAX Queries Used	-
5.	Dashboard design	No of Visualizations / Graphs - no
6.	Report Design	No of Visualizations / Graphs -no

