

Project Development Phase

Model Performance Test

Date	19 November 2022
Team ID	PNT2022TMID10120
Project Name	Natural Disasters Intensity Analysis And Classification Using Artificial Intelligence
Maximum Marks	10 Marks

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Model Summary	-	<pre> Model: "sequential" Layer (type) Output Shape Param # ----- conv2d (Conv2D) (None, 62, 62, 32) 896 max_pooling2d (MaxPooling2D) (None, 31, 31, 32) 0 conv2d_1 (Conv2D) (None, 29, 29, 32) 9248 max_pooling2d_1 (MaxPooling2D) (None, 14, 14, 32) 0 flatten (Flatten) (None, 6272) 0 dense (Dense) (None, 128) 802944 dense_1 (Dense) (None, 4) 516 Total params: 813,604 Trainable params: 813,604 Non-trainable params: 0 </pre>
2.	Accuracy	Training Accuracy - 88.04% Validation Accuracy -81.56%	<pre> Training Accuracy: 88.04 Training Loss: 32.64 Validation Accuracy: 81.56 Validation Loss: 46.84 </pre>