

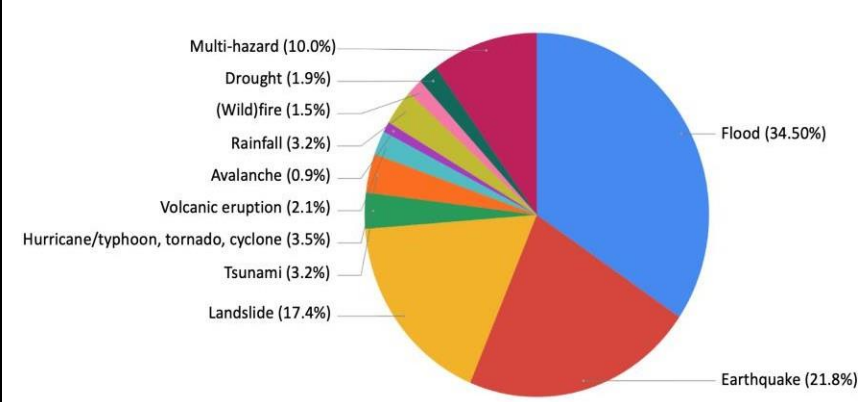
Project Development Phase Model Performance Test

Date	18 November 2022
Team ID	PNT2022TMID19551
Project Name	Natural Disaster Intensity Analysis and Classification

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Model Summary	CNN Model	
2.	Accuracy	Training Accuracy - 100% Validation Accuracy - 100%	

3.	Confidence Score (Only Yolo Projects)	Class Detected - 100% Confidence Score - 100%	 <p>A pie chart illustrating the distribution of detected hazard classes. The chart is divided into 12 segments, each representing a different hazard type and its percentage of the total. The segments are: Flood (34.50%, blue), Earthquake (21.8%, red), Landslide (17.4%, yellow), Multi-hazard (10.0%, purple), Drought (1.9%, green), (Wild)fire (1.5%, pink), Rainfall (3.2%, cyan), Avalanche (0.9%, orange), Volcanic eruption (2.1%, dark green), Hurricane/typhoon, tornado, cyclone (3.5%, light blue), Tsunami (3.2%, dark blue), and another unlabeled segment (3.2%, brown).</p> <table><tr><th>Hazard Class</th><th>Percentage</th></tr><tr><td>Flood</td><td>34.50%</td></tr><tr><td>Earthquake</td><td>21.8%</td></tr><tr><td>Landslide</td><td>17.4%</td></tr><tr><td>Multi-hazard</td><td>10.0%</td></tr><tr><td>Drought</td><td>1.9%</td></tr><tr><td>(Wild)fire</td><td>1.5%</td></tr><tr><td>Rainfall</td><td>3.2%</td></tr><tr><td>Avalanche</td><td>0.9%</td></tr><tr><td>Volcanic eruption</td><td>2.1%</td></tr><tr><td>Hurricane/typhoon, tornado, cyclone</td><td>3.5%</td></tr><tr><td>Tsunami</td><td>3.2%</td></tr><tr><td>Unlabeled</td><td>3.2%</td></tr></table>	Hazard Class	Percentage	Flood	34.50%	Earthquake	21.8%	Landslide	17.4%	Multi-hazard	10.0%	Drought	1.9%	(Wild)fire	1.5%	Rainfall	3.2%	Avalanche	0.9%	Volcanic eruption	2.1%	Hurricane/typhoon, tornado, cyclone	3.5%	Tsunami	3.2%	Unlabeled	3.2%
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