

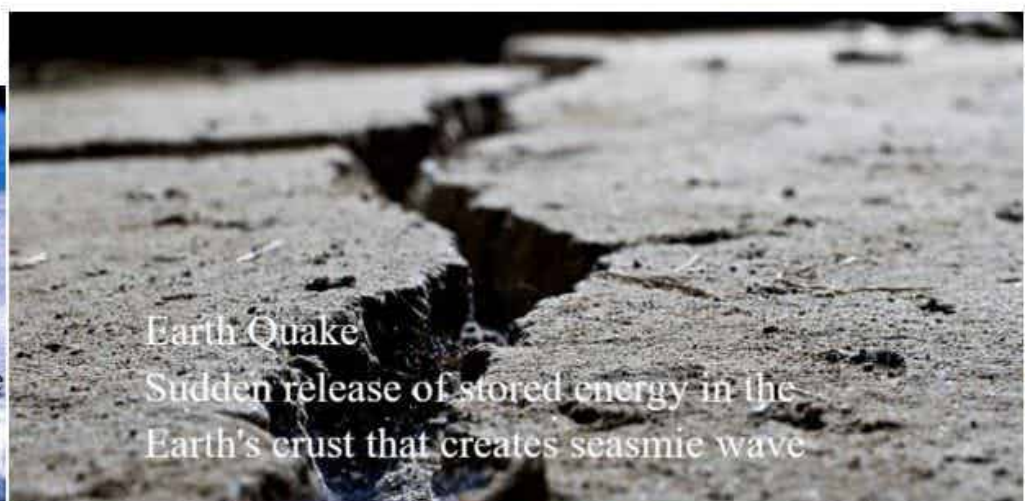
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AI BASED NATURAL DISASTER ANALYSIS



Cyclone

A violent wind that moves in a circle causing a storm



Earth Quake

Sudden release of stored energy in the Earth's crust that creates seismic wave



Flood

A flood is an overflow of water on normally dry ground



Wild Fire

Uncontrolled fire in a forest, grassland, bushland

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AI BASED NATURAL DISASTER ANALYSIS

A Disaster is a serious problem occurring over a short or long period of time that causes widespread human, material, economic or environmental loss which exceeds the ability of the affected community or society to cope using its own resources. Disasters are routinely divided into either "Natural disaster" caused by natural hazards or "Man-made disaster" caused from anthropogenic hazards. The natural disasters are Cyclone, Earthquake, Flood, Forest fire and the Man-made disasters are Biological/chemical threat, Civil disorder, Explosions, Nuclear and radiations accidents. The Objective of the project is to human build a web application to detect the type of disaster. The input is taken from the inbuilt web cam, which in turn is given to the pre-trained model. The model predicts the type of disaster and displayed on UI.

[Intro page](#) [Home page](#)

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