

AI Used in Disaster Response

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Abstract: *AI used in positive way such as AI used in disaster response. AI can predict and analyze disaster for example:- Earthquake, it is mostly unpredictable but there is already a device which is used to predict earthquake but it does not include AI in it. Seismometer is the device that is used to predict an earthquake with the help of vibration and ground motion this instrument detects the motion caused by earthquake. It works on the principle of inertia. Prediction for an earthquake is not always easy, it comes with a lot of difficulties that's why AI can be used. By mixing up technologies, such as sensors buried inside the earth's crust, powerful computer data to always track the motion or shaking of earth, and also a communication device. By using AI we can check the satellite image of the after disaster or drones to search for people in need. AI is always been known as for its immediate response, time management and quick decision making. By the power of AI disaster teams can take immediate action and more informed decision and ultimately save lives.*

Keywords: Artificial Intelligence, Disaster Response, Earthquake Prediction, Seismometers, Satellite Imagery, Drones, AI Integration