LITERATURE REVIEW

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S.NO	Title	Author	year	Inference
1	Application of computational intelligence technologies in emergency management	Ning Chen Wenjing Liu -Ruizhen Bai & - An Chen	2017	❖ Computational intelligence (CI) is a sub-discipline of artificial intelligence (AI), usually defined as a set of computational methodologies and approaches designed to solve a specific task

				❖ Classification is typically a supervised learning process which learns the patterns that best fit the relation between independent features and target feature
2	**Disaster and Pandemic Management Using Machine Learning**	VinayChamola Vikas Hassija SakshiGupta Adit Goyal	2020	❖ Over the last decade, more than 2.6 billion humans have suffered from catastrophic disaster outbreaks, such as tsunamis, floods, earthquakes, cyclones and landslides, and various pandemics ❖ on screening, predicting, forecasting, contact tracing, and drug development for the COVID-19 pandemic.

				❖ Artificial potential field (APF) can be used to develop a crowd lives oriented track and help optimization system (CLOTHO) for crowd evacuation ❖ ML is aApplication of AI that uses algorithms thatwork on characteristics of available data to make further predictions
3	Artificial intelligence approaches andmechanisms for big data analytics:	Amir Masoud Rahmani	2021	❖ shows the taxonomy of the big data analytics techniques based on the AI subfields, and categorizes the articles investigated in this survey within those categories

				❖ proposed a novel platform for fraud detection named, SCAlable Real-time Fraud Finder (SCARFF). ❖ The proposed platform uses Kafka, Spark, and Cassandra big data tools along with a machine learning technique to process streaming data
4	*Artificial Intelligence for Natural Hazards Risk Analysis*	Seth Guikema	2020	❖ rtificial intelligence (AI) methods have seen increasingly widespread use in everything from consumer products and driverless cars to fraud detection and weather forecasting.

				❖ The use of AI has transformed many of these application domains. ❖ There are ongoing efforts at leveraging AI for disaster risk analysis.
5	DISASTER DAMAGE INVESTIGATION USING ARTIFICIAL INTELLIGENCE AND DRONE MAPPING	S. S. Kim D. Y. Shin E. T. Lim Y. H. Jung S. B. Cho 1	2022	❖ The strength and the frequency of natural disaster have been increased by recent severe global climate change and rapid urbanization over the world in recent years ❖ Recently artificial intelligence is considered as an emerging tool for recognizing disaster events from aerial imagery of drones.

				❖ AI technology allows us to quickly analyse imagery and inform decision-making rather than spend time on the laborious task of identifying damaged area