

Efficient Tracking of Missing Person Using AI

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Abstract: For a very long time, law enforcement and search and rescue organisations have struggled to locate missing people. However, recent developments in artificial intelligence (AI) have made it possible to create more effective strategies for locating the missing person. One possible tactic is to use AI algorithms to examine a variety of data sources, like as social media posts and surveillance camera footage, in order to build a detailed profile of the whereabouts and conduct of the missing person. By combining these numerous data sources, AI systems might help detectives uncover trends and anomalies that might be indicative of the missing person's travels or activities. Face recognition has emerged as a popular and difficult problem in the image processing field, which is currently one of the technology trends. Finally, depending on past information and other important factors such as facial features, AI-powered predictive models can be created to assist authorities in anticipating where missing persons may be located. These models can support search and rescue teams. The application of AI technologies has the potential to completely transform the way missing people are tracked and located, offering quicker and more accurate findings while requiring less time and money to conduct a search

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