**Sentinel Skies: AI-Driven Drone Surveillance for Public Safety**

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***Abstract***

**This project aims to enhance public safety through the development of AI-powered drone surveillance system equipped with facial recognition technology. By leveraging AWS Cloud Computing, the system provides real time identification and tracking of individuals in large crowds, aiding law enforcement in identifying potential threats or locating individuals of interest. The drone’s advanced facial recognition facial recognition capabilities match faces against a law enforcement database, sending alerts to the police with the individual’s photograph and exact location. This system ensured continuous tracking, even if the target evades immediate capture, providing law enforcement with real-time updates. The project addresses key concerns in modern crowd control and public safety, while also exploring the ethical implications of using such technology in public spaces. This offers a scalable solution to crowd monitoring in public events and protests.**