

# **Benefits of AI Facial Recognition in Surveillance and Governance**

# Enhanced Security and Public Safety

How?

1. Identify and Track individuals in Real-time
2. Identify known criminals
3. Identify potential threats
4. Unauthorized individuals in restricted areas
5. deployed in Crowded Areas such as transportation hubs and major events to prevent incidents and ensure public safety



Real Life Example: Implementation in Airports

Biometric Enrollment-> Check-in and Security Screening-> Identity Verification->  
Improved Efficiency-> Enhanced Security Alerts

# Proactive Law Enforcement

How?

1. Real-time Surveillance
2. Identify Individuals with Outstanding Warrants, restraining orders, past violations
3. Proactive approach help law enforcement take preemptive actions
4. Ensuring individuals who violate the law are promptly apprehended

Real-Life Examples:

London Metropolitan Police 2020 Trial Phase -> arrest suspect of assault

Hangzhou Public Security Bureau-> apprehended suspect of multiple crimes at a crowded concert

Delhi Police-> Integration Helped Prevent Pickpocketing and theft



REY

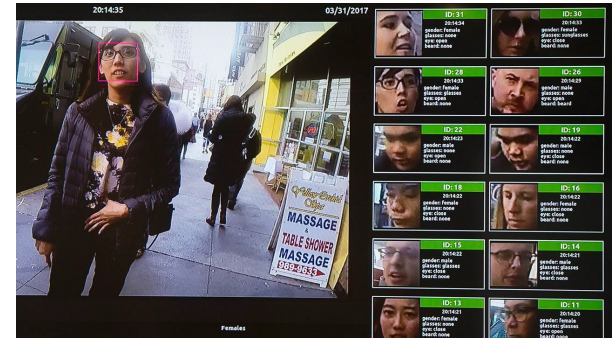
# Crime Prevention and Investigation

How?

1. Quickly Identify Suspects and Potential Criminals
2. Locating Missing Persons
3. Automatically Notify Security Personnel
4. Enable swift response in critical situations

Real Life Example:

Surveillance Footage + crime scene images + database of known criminals and suspects -> Identification of Potential Suspects



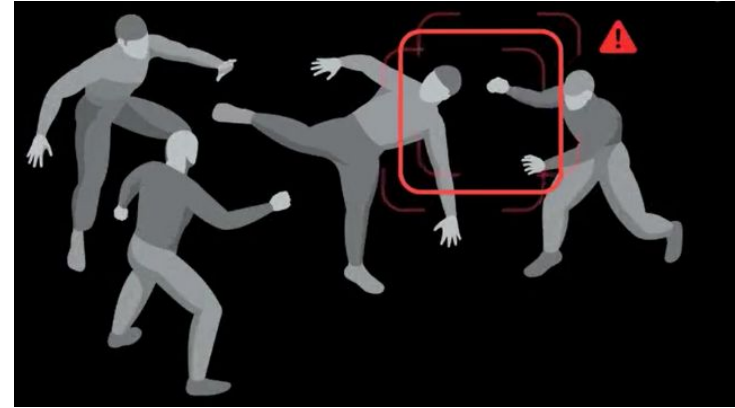
REY

# Efficient Monitoring and Surveillance

1. Continuously Monitor Large Volumes of Footage and Data
2. Relieving Human Operators From Tedious Tasks and Human Error
3. Automated Tracking and Analysis Across Multiple Cameras and Locations
4. Data Analysis and Insights can identify Trends, Patterns and Correlations

Real Life Example:

Train AI System-> Identify Normal Behavior-> Identify Anomalies such as Loitering, erratic movements, unauthorized access-> trigger alerts-> security personnel intervene and investigate threats promptly



# Time and Cost Savings

How?

1. Automating Repetitive Tasks
2. Reduces Manual Labor
3. Allow Personnel to Focus on Higher Level Decision Making
4. Streamline Operations and Reduce Time and Cost

Areas of Savings:

Time Savings, Operation Efficiency, Reduced Manual Labor, Personnel Expenses, Improve Budget Allocation Efficiency



# Intelligence Gathering

1. Analyze Social Media and Online Platforms
2. Identify Individuals involved in Criminal Activities
3. Identify Extremist Organizations
4. Monitor Digital Platforms to Gather Intelligence, Detect Potential Threats, Prevent Criminal Acts



Real Life Examples:

AI Facial Recognition + Image and Text Analysis + Network Analysis + Speech and Audio Analysis + Open Source Analysis-> Identify Patterns, Prevent Criminal Activities, Enhance Public Safety

# Conclusion: AI Facial Recognition Can Enhance Public Safety

Valid Concerns: Privacy, accuracy, bias and potential misuse

WE SHOULD:

- Ethical considerations
- Proper regulations and adherence to legal frameworks
- Responsible and accountable use of technology
- Transparent Policies
- Safeguard individual rights and civil liberties