GROUP PRESENTATION ABOUT HOW THE POLICE USE MODERN TECHNOLOGY TO IMPROVE EFFICIENCY.

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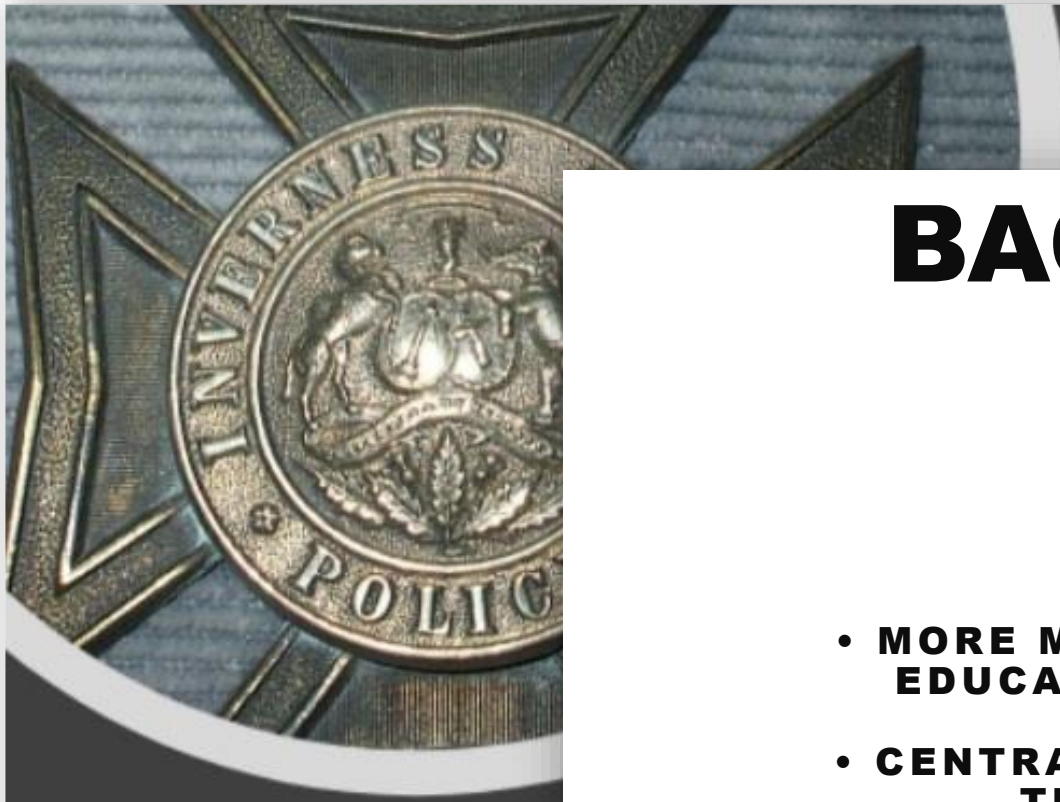

BACKGROUND OF THE POLICE

REASONS FOR SETTING UP THE POLICE FORCE:

- MORE MEDIA RESOURCES, SUCH AS NEWSPAPERS AND EDUCATION MADE PEOPLE MORE AWARE OF CRIME.
- CENTRAL LONDON WAS A HUB FOR GANGS TARGETING THE MERCHANT SHIPS FROM THE DOCKS.
- PRIVATE INDIVIDUAL HIRED TO CAPTURE CRIMINALS BUT WERE OFTEN BRIBED BY CRIMINALS
- THE INDUSTRIAL REVOLUTION MEANT THAT THE GROWTH OF TOWNS AND LIVING IN THE CITY OF LONDON WITH POPULATION DENSITY WHICH MEANT CROWDED STREETS; WHICH WAS A PERFECT BREEDING GROUND FOR CRIME SCENES

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THE METROPOLITAN POLICE WAS ESTABLISHED 29TH OF SEPTEMBER BY SIR ROBERT PEEL

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POOR METHODS OF SOLVING CRIME

- CONSTABLES WERE APPOINTED FOR A YEAR ALONG SIDE THEIR DAY TO DAY JOB
- THEY HAD LIMITED INFORMATION ON CRIMINALS
- TENDED TO PUT LITTLE OR NO EFFORT INTO PREVENTING CRIME

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THE CHALLENGE(S) OF MODERN TECHNOLOGY IN THE METROPOLITAN POLICE

The role metropolitan police force is to conduct counter terrorism actions.

Protecting royal family and providing security of 164 embassies and high commissions.

It also maintains law and order in London city and Heathrow airport

It also ensures security of Palace of Westminster.

This agency is answerable and accountable to The Queen, Home office and Mayor of London

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THE AREA OF METROPOLITAN POLICE IS DIVIDED INTO 32 LONDON BOROUGHS.

IT HELPS TO MAINTAIN LAW AND ORDERS IN THESE 32 BOROUGHS.

THE MOTTO OF THIS ORGANIZATION IS “WORKING TOGETHER FOR A SAFER LONDON”.

THE MISSION OF THIS ORGANIZATION IS “MAKING LONDON SAFE FOR ALL THE PEOPLE WE SERVED”

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- DATA IS CONSIDERED AS AN ASSET FOR LAW AND ENFORCEMENT ORGANIZATIONS.

- IT HELPS BUSINESS ORGANIZATIONS TO DEVELOP FUTURE ACTION PLAN.

- INTEGRATION OF NEW TECHNOLOGY OFTEN RISKS THE SAFETY OF DATA.

- INTEGRATING NEW TECHNOLOGY MAY CREATE A NEGATIVE IMPACT AMONG THE SERVICE RECEIVERS.

CITIZENS MAY FACE DIFFICULTIES TO ADAPT WITH NEW TECHNOLOGIES.

- IT ALSO INCREASES DISSATISFACTION AMONG THE ORGANIZATION

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LAW ENFORCEMENT IS CHANGING RAPIDLY

- NEW FORMS OF CRIME
- ADVANCED TECHNOLOGIES
- EVOLVING RELATIONSHIPS WITH THE COMMUNITIES
- NEW TOOLS
- NEW POLICE STRATEGY

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HOW DOES MODERN TECHNOLOGY HELP THE POLICE?

Facial Recognition Software

The goal of facial recognition software is that it will help improve safety and security in a number of instances.

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Robots

Many law enforcement agencies are now using nex-generation robotic cameras to deliver visual and audio surveillance of potential crime scenes that may bofficerse too dangerous or too hard for to reach.

Enhanced Body-Worn cameras

Related technology now includes smart holsters that are designed to activate the body camera anytime the officer draws his or her firearm. At least one manufacturer of body-worn police technology makes a camera capable of issuing an alert when an officer is down.

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Video Doorbells

Enhance home security and give them peace of mind. It turns out, though, that these surveillance systems are also helping law enforcement when it comes to criminal investigations.

Thermal Imaging

Important police technology tool that is especially helpful in dark conditions.

Artificial Intelligence

Artificial intelligence is also being used for "crime forecasting." Utilizing so-called "deep learning" algorithms, programmers can train computers to analyze data from a vast array of sources and categories to actually predict when and where crimes are likely to occur.

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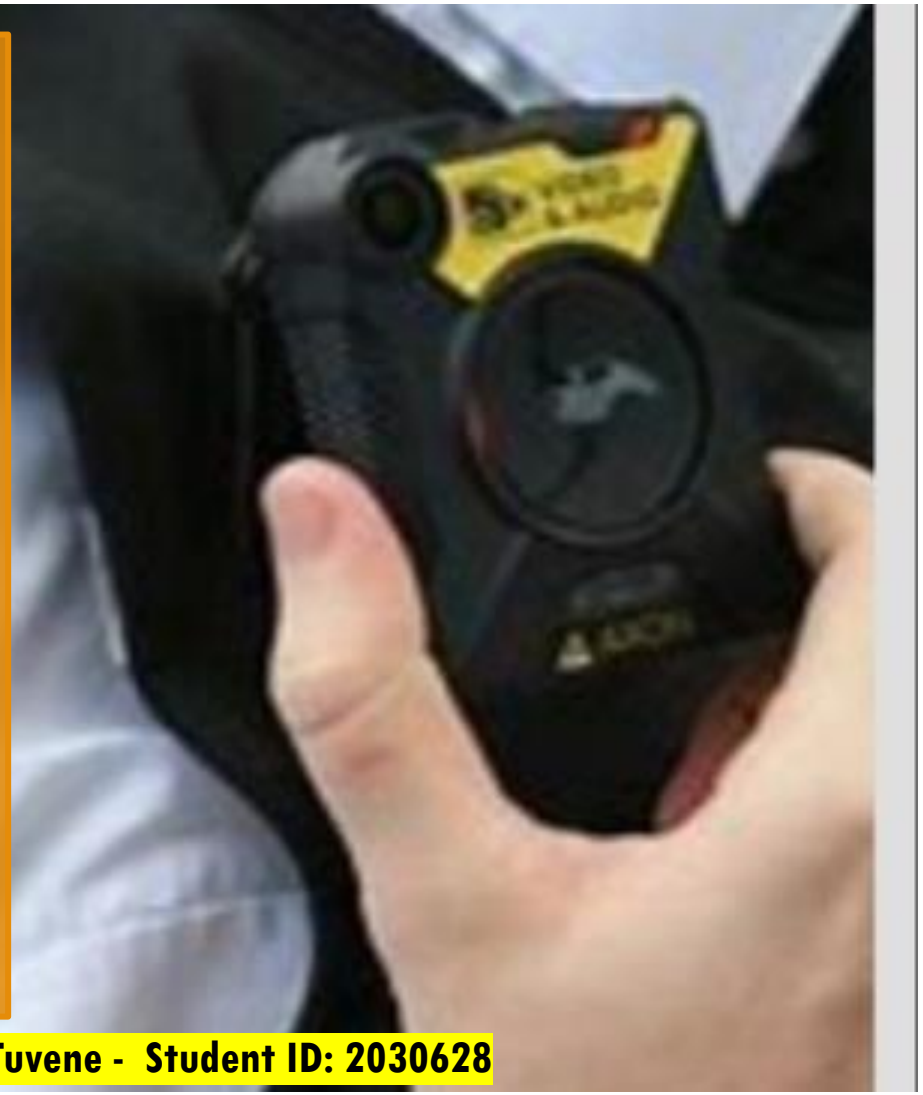
THE IMPACT OF TECHNOLOGY INTRODUCED TO THE POLICE



How they're system work:

The Met has a global reputation based on successes, past and present.

The met has a quality of people, dedicated to fighting crime and they're mission to make London the safest global city.

They are using:

Met currently uses Face Live Facial Recognition

They also use Body Worn Videos (BWV)cameras

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HOW THEY'RE USING THE FACIAL RECOGNITION

Take images and compare them to images of people on the watchlist. It measures the structure of each face, including distance between eyes, nose, mouth and jaw to create a facial template.

They complete ten trials using Live Facial Recognition technology to find out if it was a useful policing tactic to deter and prevent crime and bring wanted criminals to justice.

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BODY WORN VIDEO (BWV)

-CAMERAS ARE SMALL, VISIBLE DEVICES, WORN ATTACHED TO THE OFFICERS' UNIFORM (USUALLY ON THE CHEST).
THEY ARE USED TO CAPTURE BOTH VIDEO AND AUDIO EVIDENCE WHEN OFFICERS PARTICIPATE IN ALL TYPES OF INCIDENTS, EXAMPLES:

-STOPPING A VEHICLE

-SEARCHING A PROPERTY

-ATTENDING A CRITICAL INCIDENT

ATTENDING A DOMESTIC ABUSE RESPONSE

-HOW THESE CAMERAS WORK:

-WHEN IT'S RECORDING, FLASHING RED LIGHTS WILL APPEAR IN THE CENTRE OF THE CAMERA

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THIS SLIDE IS FOR OUR GROUPAL CHAT ABOUT THE LESSONS WE HAVE LEARNT AND IF ANYBODY HAS ANY QUESTIONS.

THANKS

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