



FACIAL RECOGNITION

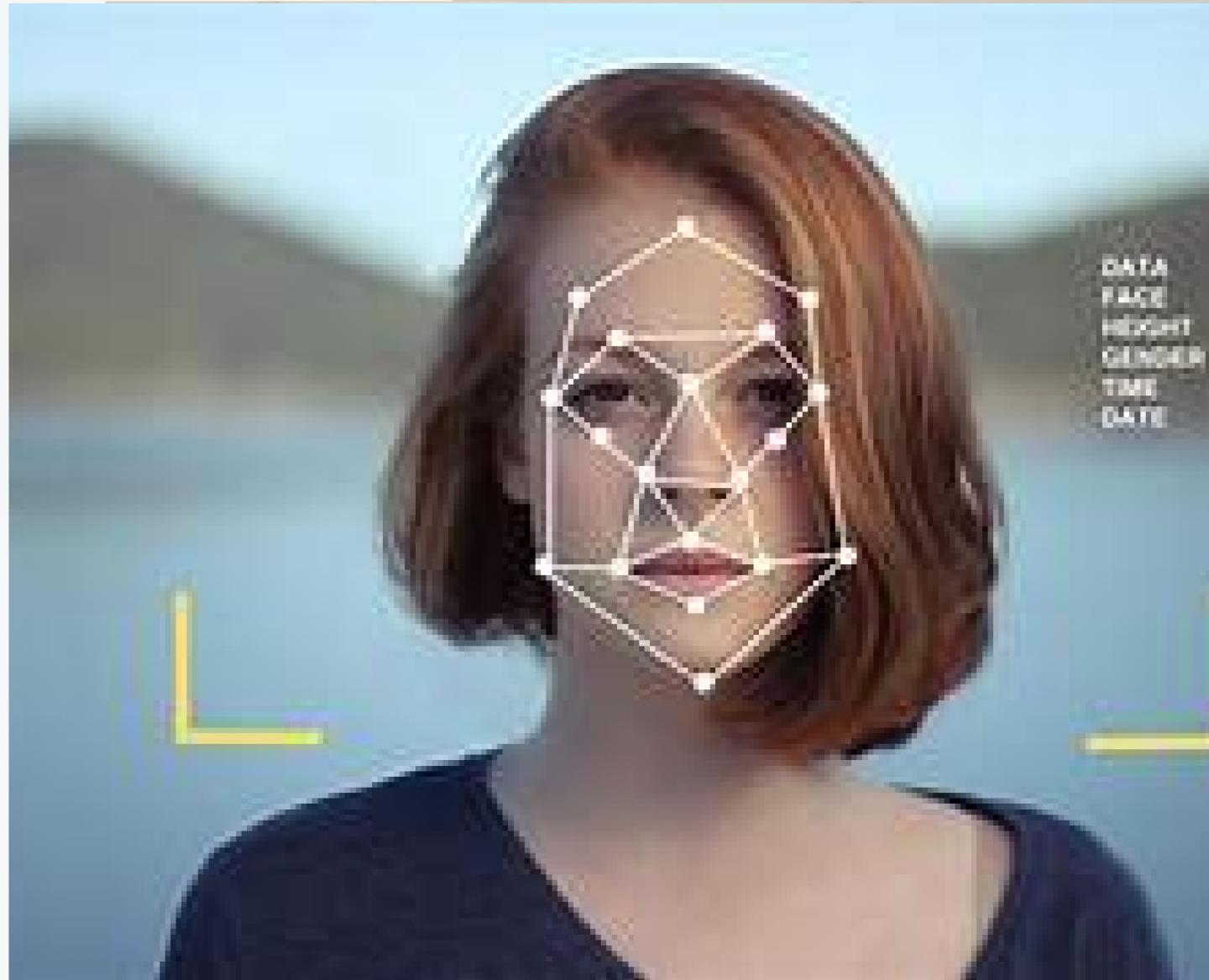
TEAM:
PAVITRA
MEENAKSHI
UMA
SUKANYA
HEMA SAI SREE
PURNASRI
THANISHKA
SRUJANA

CONTENT

- 01** INTRODUCTION
- 02** TECHNOLOGIES USED
- 03** BENEFITS
- 04** FUTURE ENHANCEMENT
- 05** OUTPUT
- 06** CONCLUSION

INTRODUCTION

Facial recognition in computer vision is a cutting-edge technology that enables machines to identify and verify individuals based on their facial features. By analyzing key facial landmarks and patterns, this project aims to create robust algorithms capable of accurate and rapid identification, with applications ranging from security and surveillance to personalized user experiences.



TECHNOLOGIES USED

1. Python

2. Computer vision

LIBRARIES USED

1. OpenCV



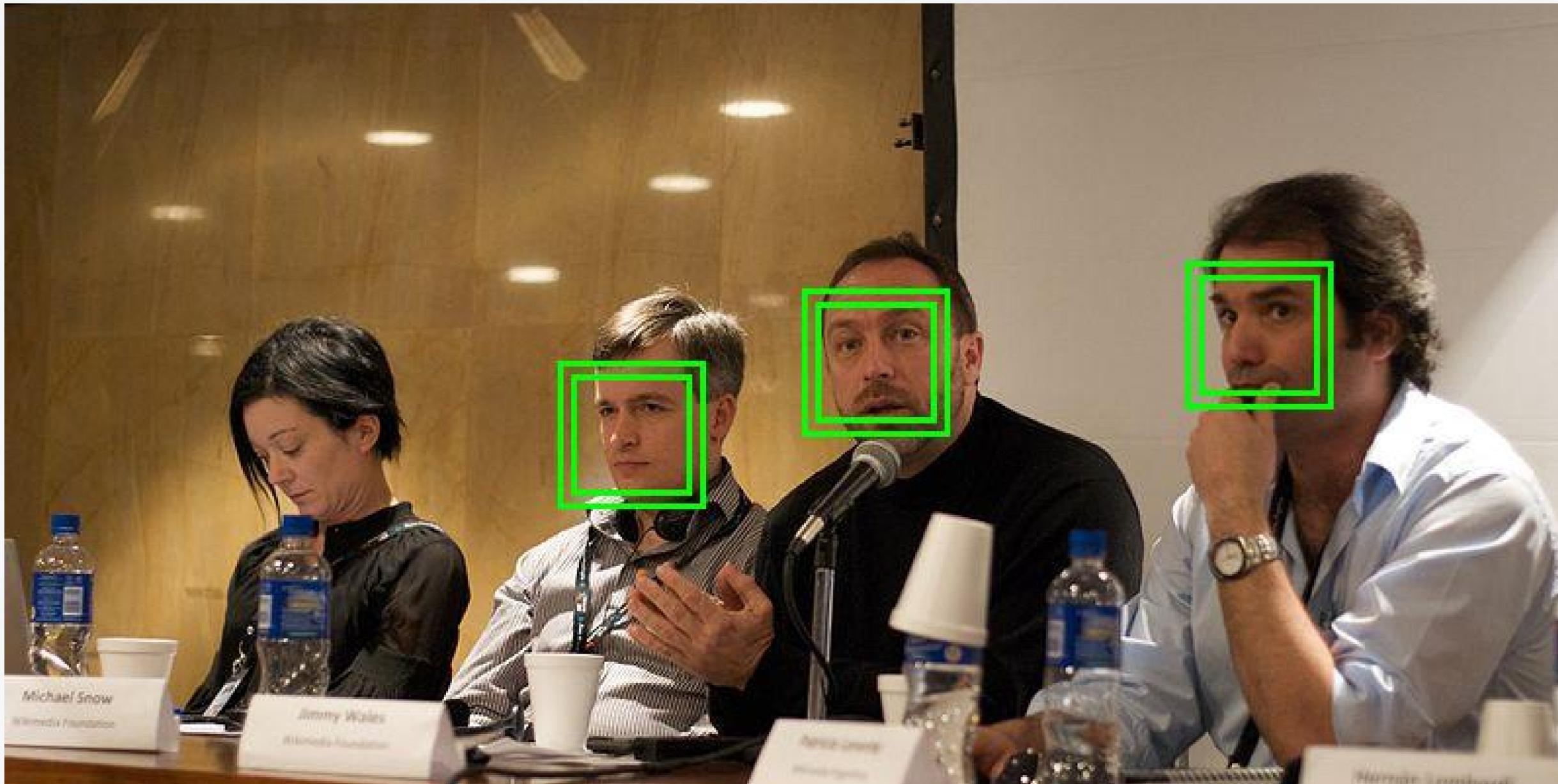
BENEFITS

- *Education*
- *Human-Computer Interaction*
- *Access Control and Security*
- *Healthcare Applications*
- *Crime Prevention*
- *Identity Verification*

FUTURE ENHANCEMENT

- *Emotion Recognition*
- *Eye Detection with Face Detection*
- *Gender*
- *Blink Detection*

OUTPUT



CONCLUSION

- *This facial recognition project showcases the power of OpenCV's Haar Cascade classifiers, enabling real-time detection of facial features.*
- *Through image processing techniques and machine learning, it detects and highlights eyes within a live video stream, demonstrating the potential for robust and efficient facial recognition systems.*



THANK YOU...!