ADVANCED COMPUTER VISION APPLICATIONS

- Face Recognition
- Product Detection

PRESENTED BY

ILKAN ATES

Objectives

FACE RECOGNITION

- Use face recognition to detect employees who come to work instead of using cards

PRODUCT DETECTION

- Implement image processing to detect boxes containing the company's products on the production line

Production

500.000

WEEKLY PRODCUTION
Quantity

50.000

WEEKLY PRODCUTION
Box

50

WEEKLY PRODCUTION
Work Order

Libraries

FACE RECOGNITION
- OpenCv
- face_recognition
- glob

PRODUCT DETECTION
- OpenCv
- CascadeClassifier

Conclusion

- REPLACE CARD SCANNING.
- IMPROVE QUALITY CONTROL IN PRODUCTION LINES.
- SAVE TIME AND MONEY WHILE INCREASING EFFICIENCY AND ACCURACY.

- AS TECHNOLOGY ADVANCES, THERE WILL LIKELY BE MORE OPPORTUNITIES TO INCORPORATE AI AND MACHINE LEARNING INTO BUSINESS PROCESSES TO DRIVE INNOVATION AND GROWTH.