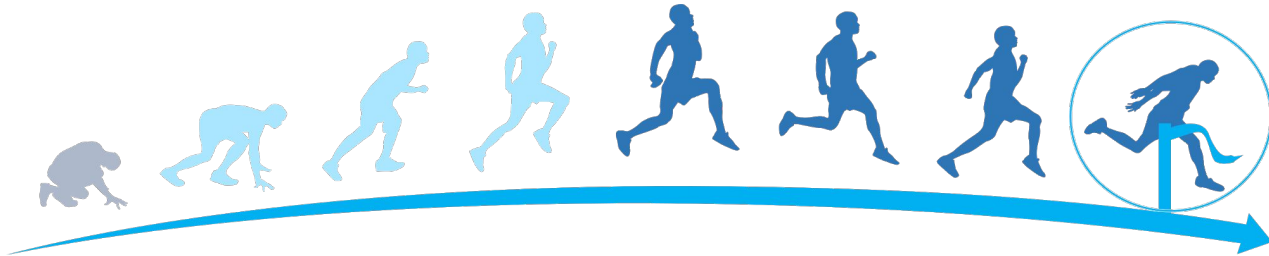


SKILLCATE

Face Recognition Project (with SVM)

Final Delivery Presentation



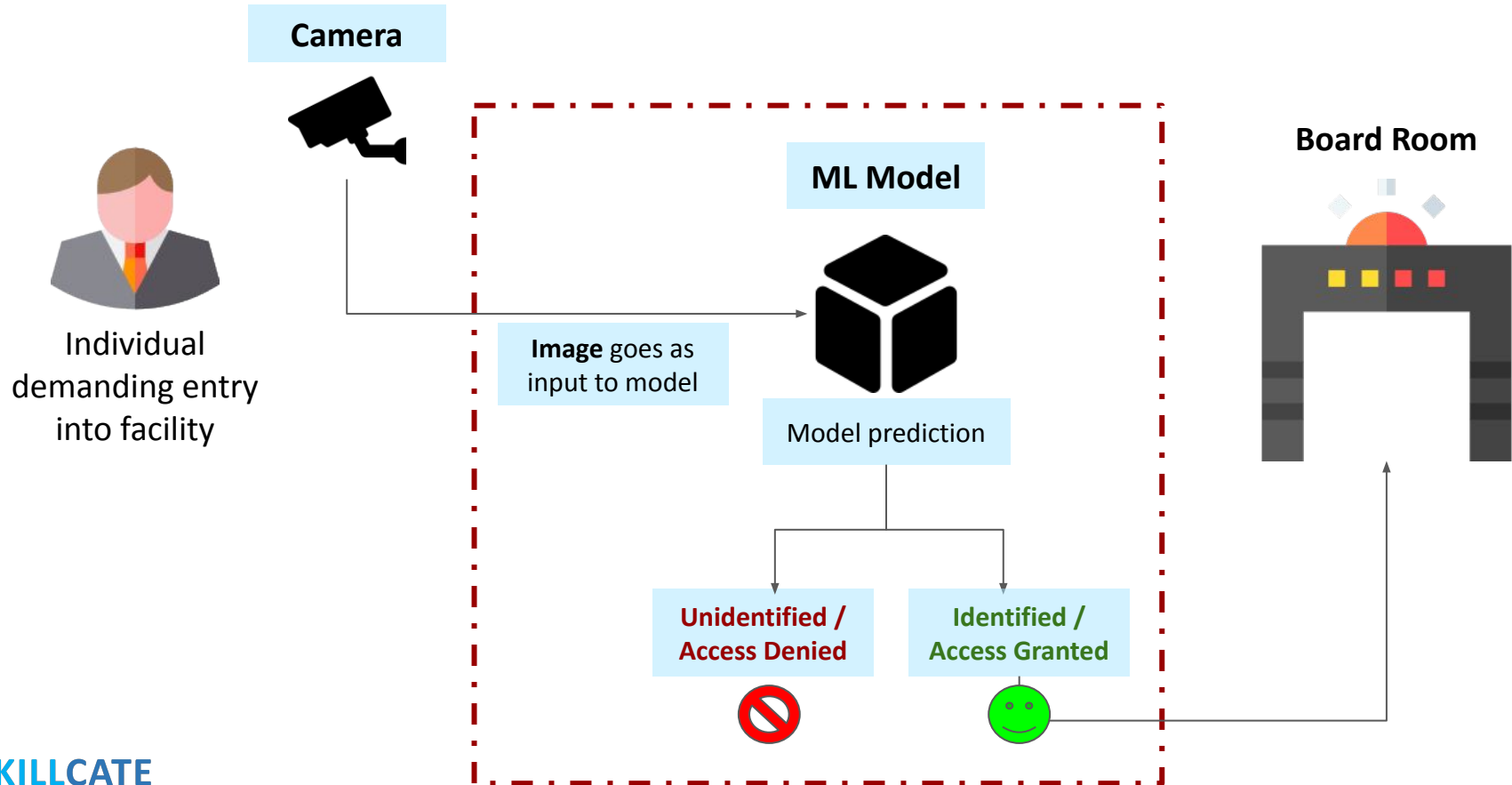
Content

1. Our deliverables
2. Scope of work
3. Our approach
4. Results
5. Plan of action

Our deliverables to ABC Restaurant

1. Facial recognition-based authorisation model for classifying individuals as identified & unidentified basis individual access profiles:
 - a. Delivery for Phase-1
 - b. Model POC for Board Room
 - i. Accessible to only a few senior leaders

Our scope of work



Our approach



- **Assumptions**

- Images resized to 32x64
- HOG cell/block size: 4x4 / 2x2
- PCA components chosen: 25
- Matching threshold set to 60%



- **Trained a classification model, for**

- predicting individual access authorisation
- using SVM Classifier

Deliverable #1: Facial recognition-based authorisation model



~85%

Model accuracy achieved



Zero

Operational Cost to Business

Next steps...



1. POC Go-live for Board Room

- a. Infra setup
- b. Manual validation (on-floor security team)
- c. Technical hypercare (from Skillcate)



2. Planning for full scale launch

- a. Finalising on scope
- b. Upgrades from POC

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