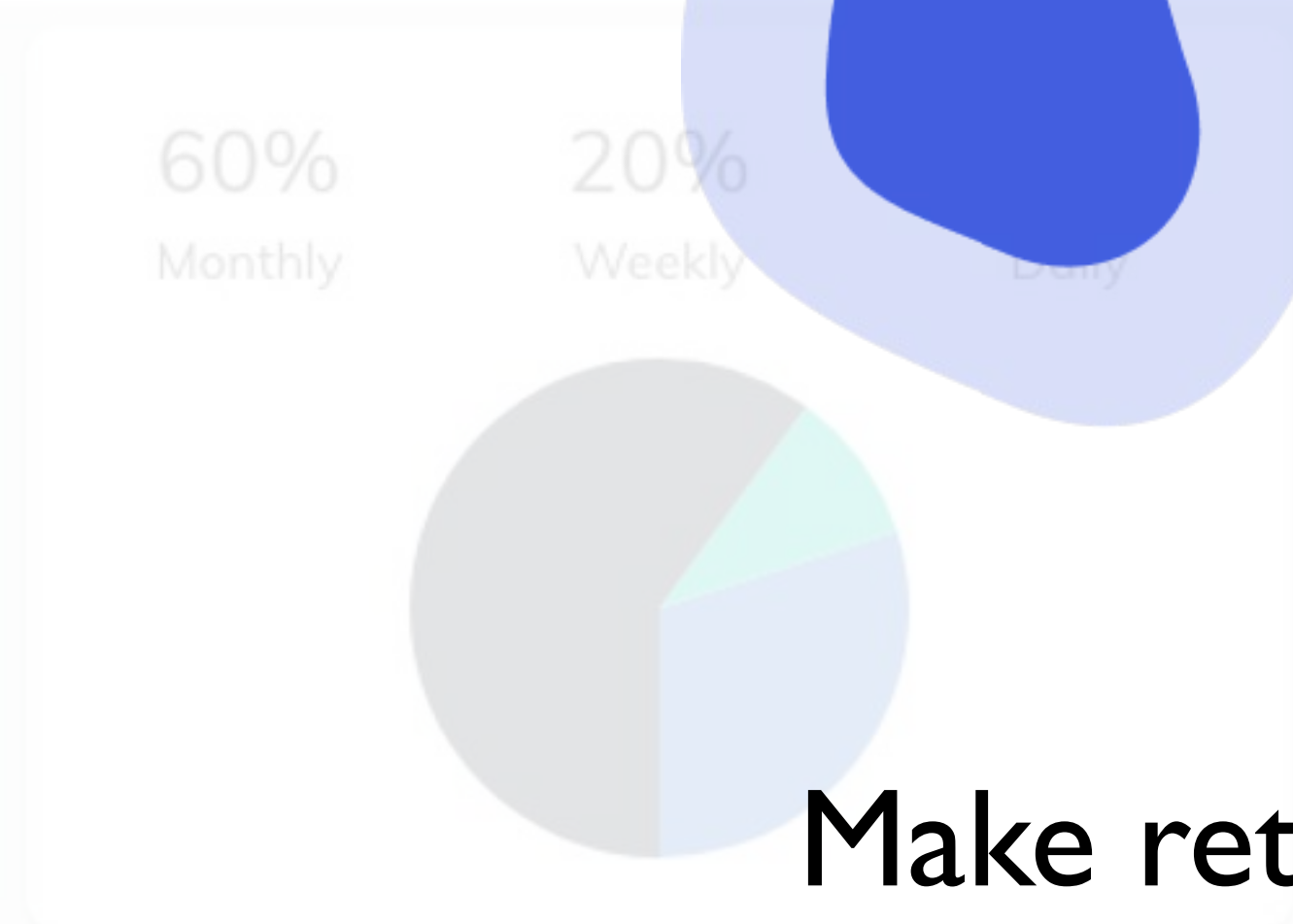


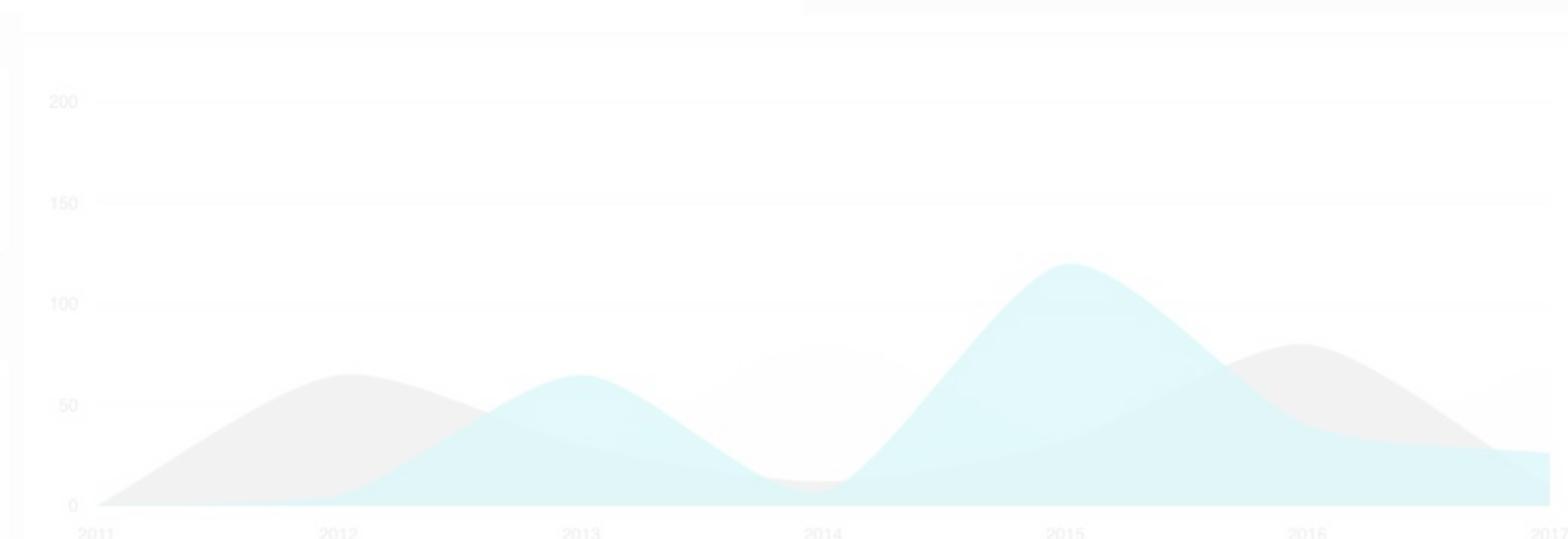
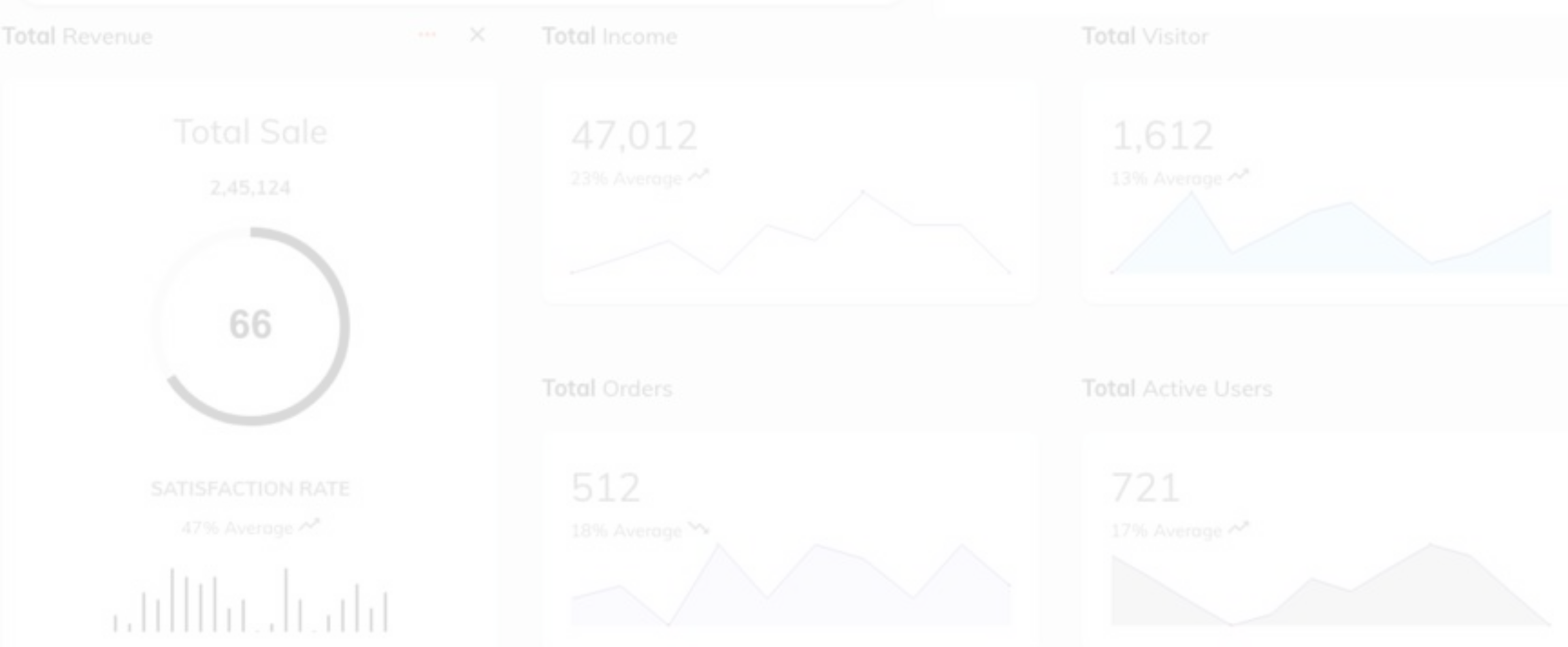
agrex.ai



Country	Records	Change
USA	502 Records	35% +
China	237 Records	15% +
India	502 Records	20% +
Australia	502 Records	20% +
UK	237 Records	10% +
France	237 Records	10% +
Germany	237 Records	10% +
China	237 Records	10% +



Make retail stores smart by using AI enabled Video Analytics



Retailers have limited information



Limited information about customers and their behaviour in-store; 80% of visitors walk-out without a purchase



Decisions on resource utilisation like Real estate, workforce based on intuition rather than real data



Store analytics is done manually, which means low scalability and high costs



Lost potential revenue due to shrinkage, stock-outs etc

Challenge for Brick-and-Mortar Retailers

What do Shoppers want



Plenty of options



Value price



Convenience



Speed and 24/7 support

- Online shopping has disrupted the retail market by offering what shoppers need.
- These online platforms have much lower costs comparatively.
- In the new era of 'Omnichannel', the data collected from shoppers is analysed to increase customer traffic and retain them via customised offerings.
- To survive, brick-and-mortar stores need to better control costs, operate more efficiently, and engage customers in new ways to transform the in-store experience.

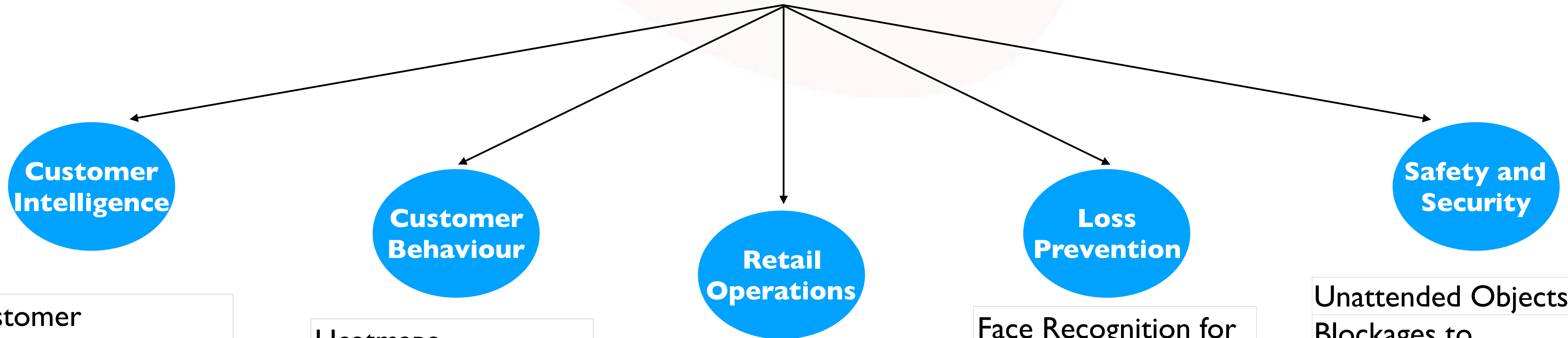
We help retailers see

- Use Face Analytics to collect data on customers (Age, Gender, Loyalty)
- We also collect data on the expressions of customers (Happy, Sad, Angry Neutral etc)
- Collect data about behaviour of visitors (Heatmaps, Shelf Analytics, Time)
- Identify operational bottlenecks (Queue Length Alerts, Congestion, Identify Stock outs, Cleanliness)
- Prevent Shrinkage :
 - Suspicious Behaviour and Face Recognition for burglars
 - Identify Staff related shrinkage
 - Identify unusual/anomalous activity to enhance Loss Prevention efforts
- Security and Safety Related Features; Ensure that the store is safe for customers.

Why?

- Take better marketing decisions and measure marketing impact
- Optimise real-estate usage, product selection and stock levels
- Increase operational efficiency by identifying bottlenecks
- Realise lost potential revenue and reduce shrinkage
- Convert Non-buyers into buyers

Operational Areas and Features



Customer Demographics (Age, Gender) and Counting

Emotion Detection (Happy, Sad, Angry, Neutral etc)

Smile Detection

Facial Expressions

Unique/Repeat Customers based on Anonymised Face Recognition

Heatmaps

Customer Paths

Shelf Analytics (Number of people, Demographics)

Eye Tracking (Shelf Attractiveness)

Cleanliness of shop floor and aisles

Congestion

Stock outs

Shelf Analytics

Queue Length alerts

Dwell time at key display areas

Staff wearing proper uniform/headgear etc

Face Recognition for suspicious faces

Suspicious behaviour in stores for in-aisle theft

Unusual after-hours activity including perimeter intrusions

Staff related Loss Prevention Alerts and Workforce Management

Unattended Objects

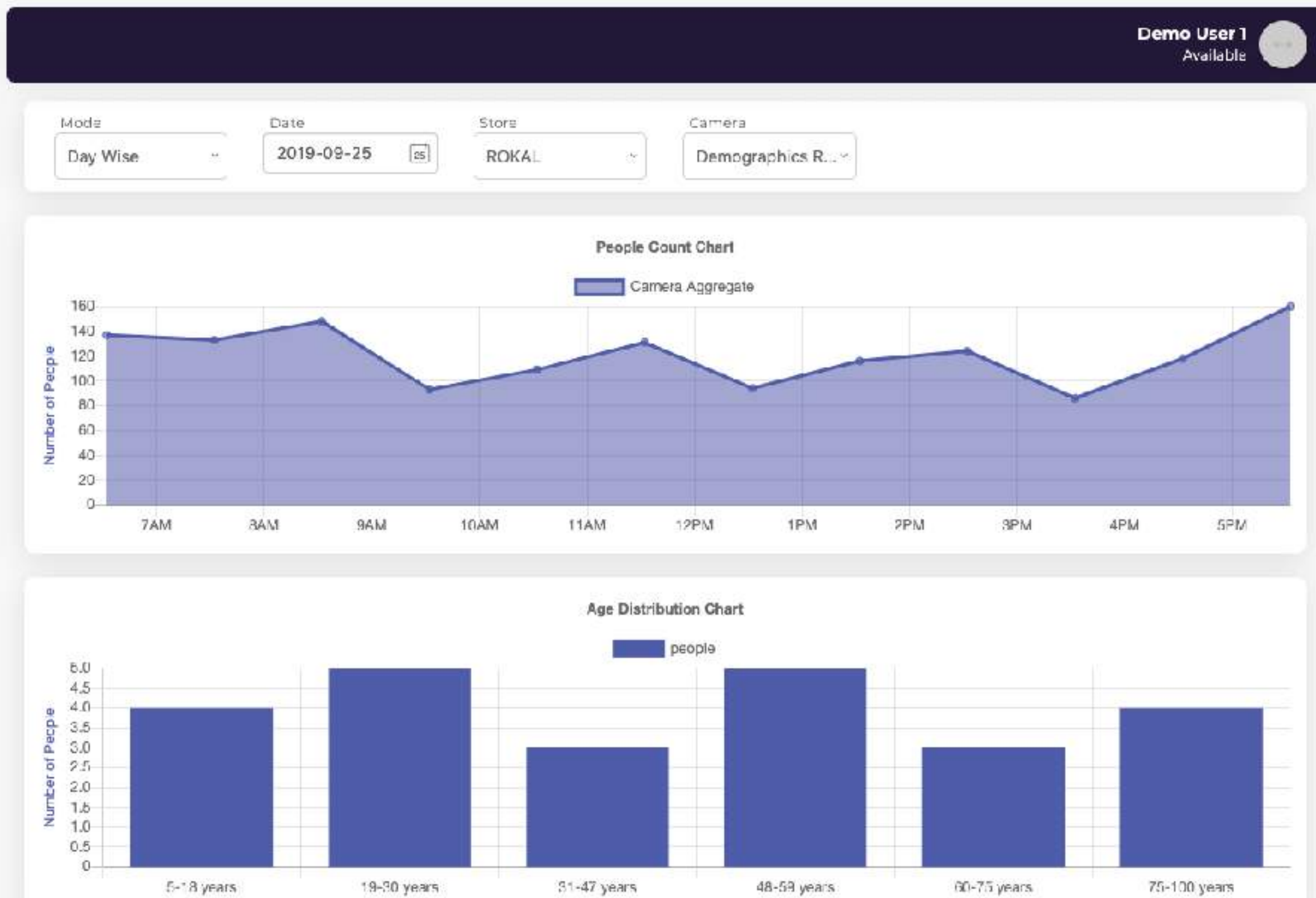
Blockages to emergency exits

Camera Blocking and Tampering

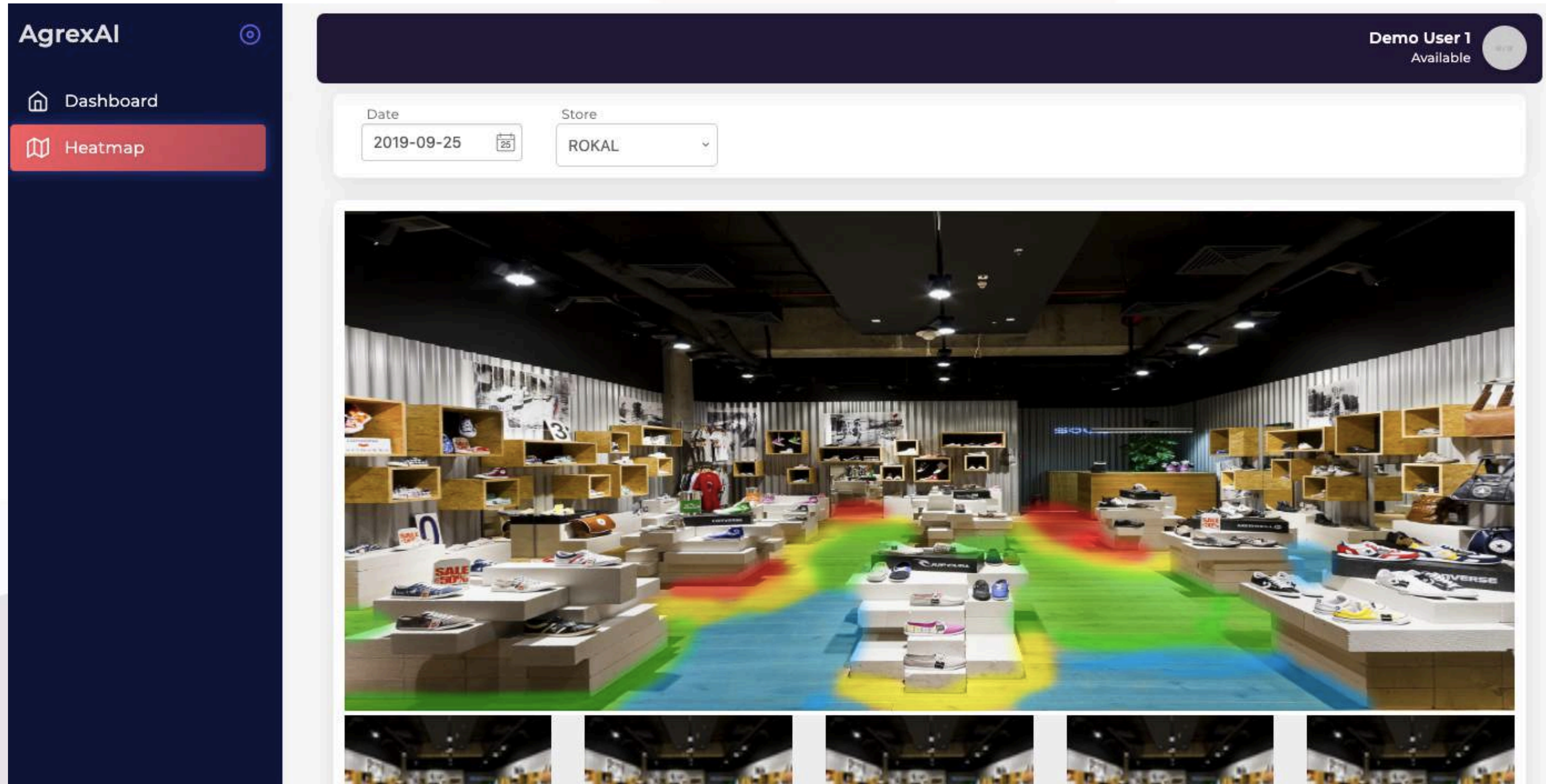
Real time alarms of absence of security staff

Anomaly Detection (ex Violence, Burglary, Shoplifting)

Dashboard Screenshot



Dashboard Screenshot



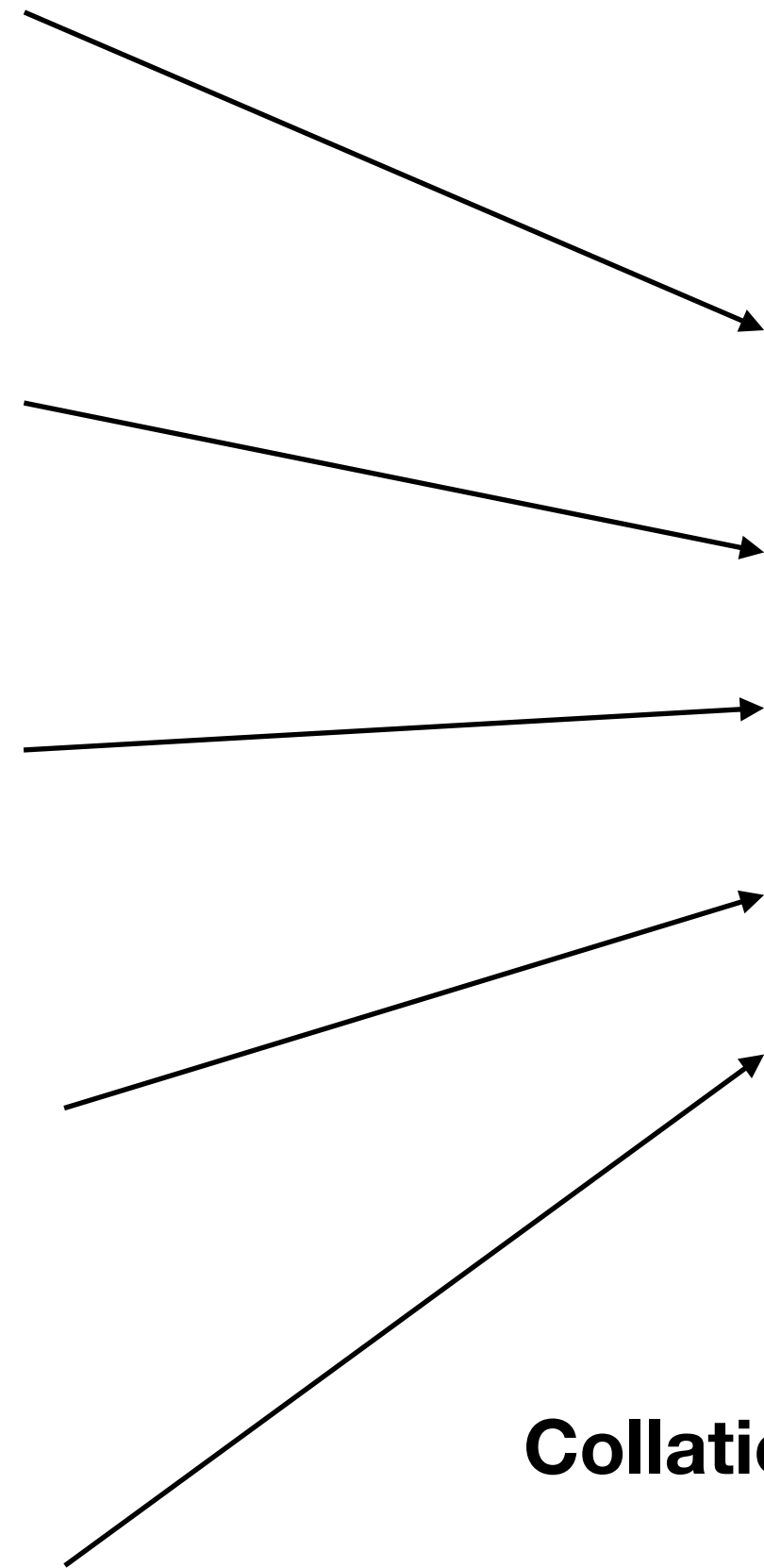
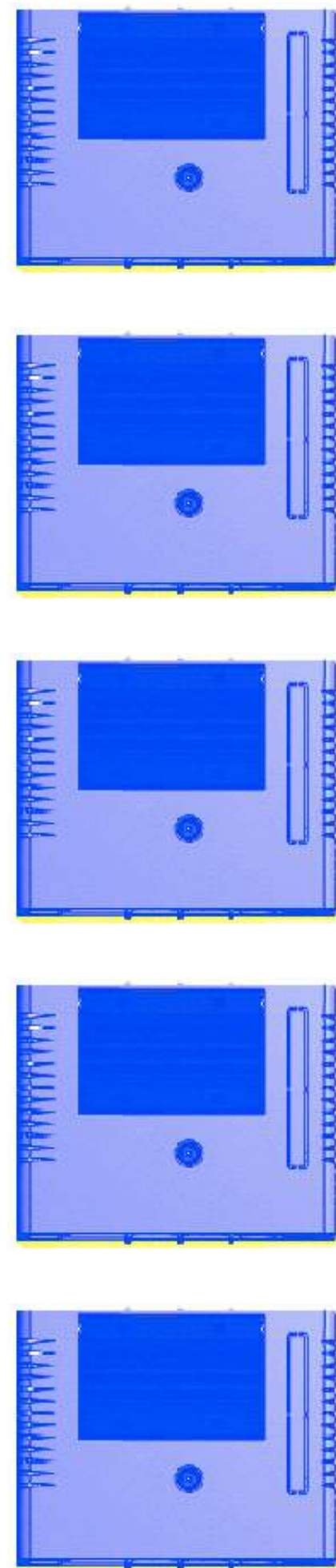
Device Photo



Features of the Device :

- All AI video processing on board
- No video leaves the device/store
- Faces are not stored for privacy reasons
- Only metadata (counts, graphs etc) are stored
- Can scale to 100s of cameras
- Works with any IP/Analog camera and even standalone

Flowchart



Collation at a central cloud server

Display through website dashboard
Available online and anywhere

Data Collection From Multiple Sites

Why us?

- 100% GDPR and privacy laws compliant
- Works with existing infrastructure and CCTVs. Store enabled within an hour
- Best in-class accuracy and competitive pricing
- Integrations like POS system to generate more insights

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