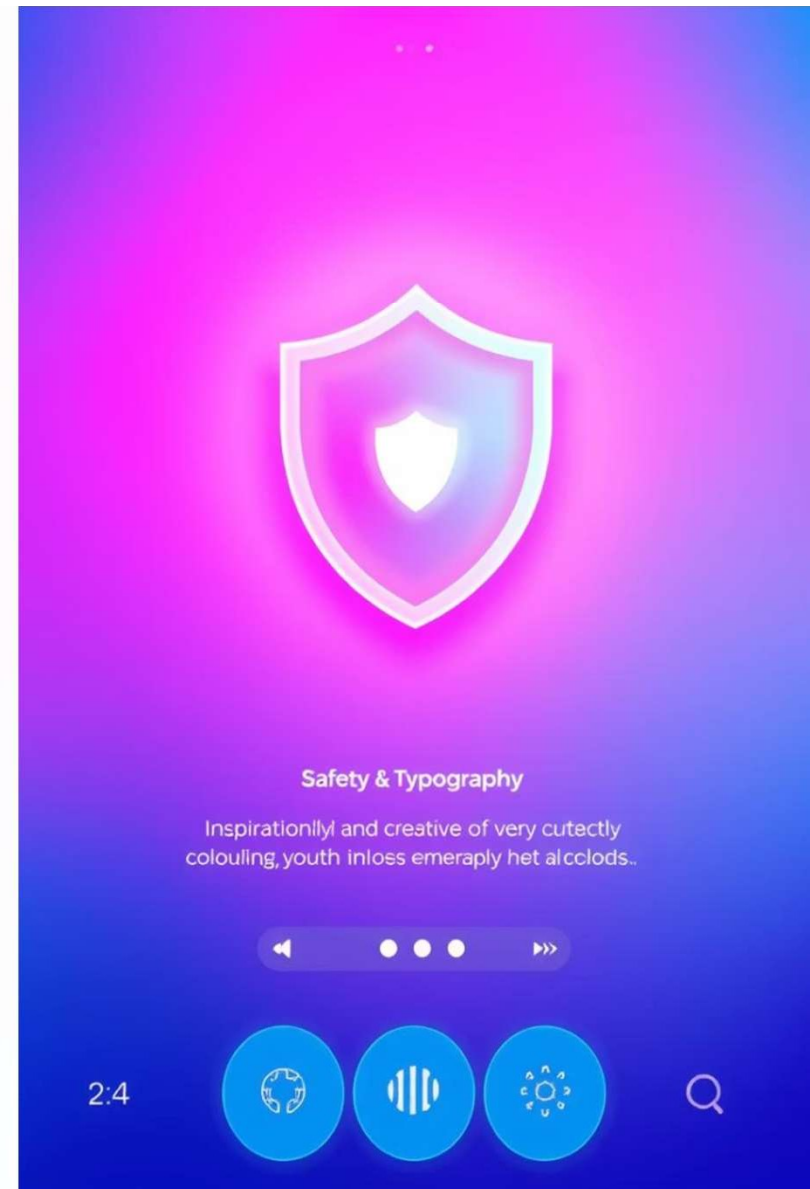


# Women's Safety Portal: Real-Time AI Emergency System

This innovative system empowers women with real-time AI-driven emergency alerts.





# The Alarming Reality of Women's Safety Today

## Global Scale

1 in 3 women face violence or harassment yearly.

## Emergency Delays

Average response time is 15 minutes in cities.

## Consequences

Delayed help causes physical and psychological harm.

## Urgent Need

We must empower with technology bridging danger and aid.

# Bridging the Safety Gap with Technology

## Instant Alert System

AI-driven emergency response activates immediately to Police and Family.

## 24/7 Access

Accessible via mobile and desktop anytime, anywhere.

## Live Navigation

Connects users directly to first responders in real time.

## Streamlit Platform

Chosen for fast development, scalability, and sleek UI.



# Key Features of the Women's Safety Portal



## Location Sharing

Real-time GPS updates sent to trusted contacts and authorities.



## AI Incident Detection

Analyzes text, voice, and video to recognize emergencies.



## Automated Alerts

Instant emergency calls and personalized messages sent automatically.



## Interactive Dashboard

Tracks safety stats and response progress in real time.

# User Experience Designed for Accessibility & Comfort

## Modern Design

Pink/violet gradients with soft, rounded UI elements.

## Intuitive Workflow

Minimizes steps during emergency situations for quick action.

## Voice Commands

Hands-free activation via natural voice control.

## Responsive Layout

Optimized for phones, tablets, and desktops seamlessly.



# AI-Powered Emergency Recognition & Response with One click

## NLP Detection

Understands distress phrases and urgency levels clearly.

## Continuous Learning

Models improve with anonymized incident data over time.

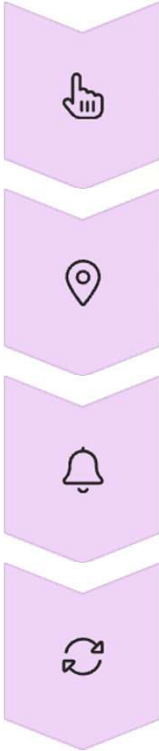
## Computer Vision

Monitors video for suspicious behavior and dangerous scenarios.

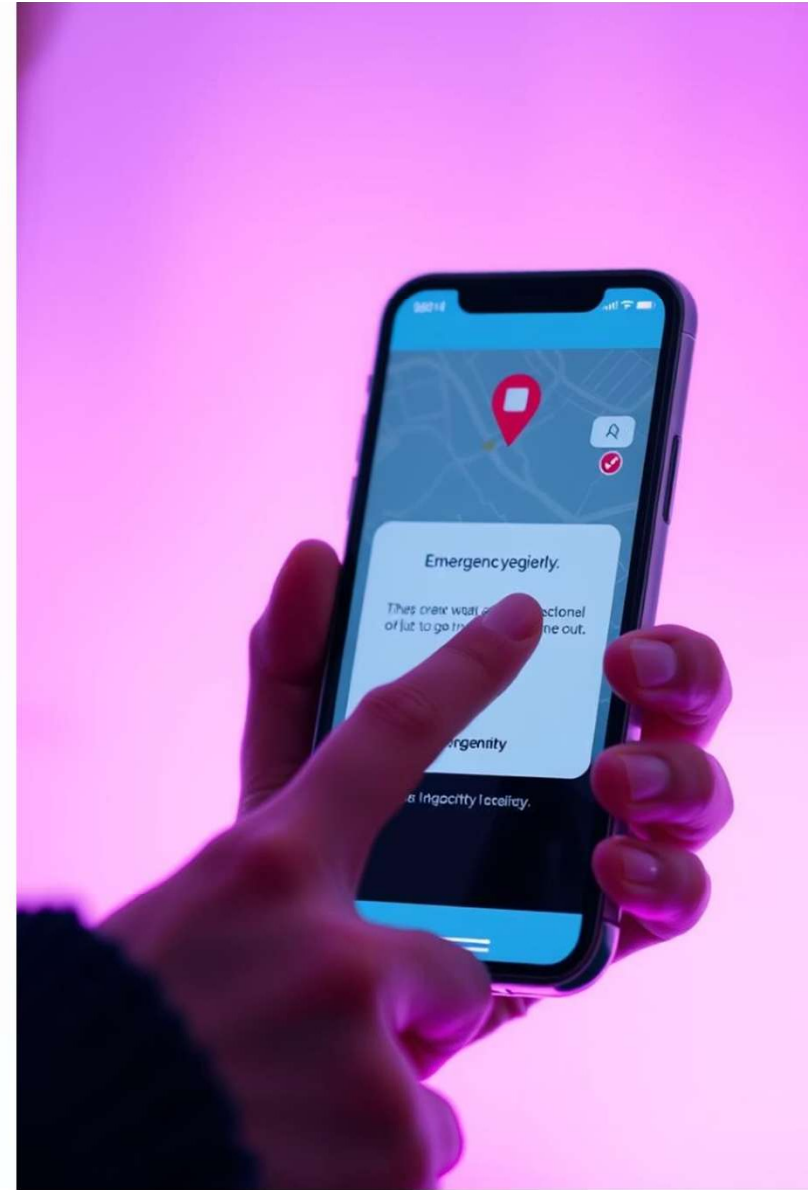
## Auto-Escalation

Adjusts alerts based on AI confidence and severity.

# Real-Time Emergency Workflow



- Trigger Alert**  
Activated by user button, voice, or AI detection.
- Verify Location**  
GPS confirms exact position quickly and accurately.
- Send Notifications**  
Emergency services and trusted contacts alerted immediately.
- Status Updates**  
Continuous tracking until incident resolution is confirmed.





# Ensuring Data Security & User Privacy



## End-to-End Encryption

All communications and location data are fully encrypted.



## Compliance

Adheres strictly to GDPR and CCPA regulations.



## Anonymous AI Learning

Data aggregated without personal identifiers for safety improvements.



## Regular Security Audits

Penetration tests prevent vulnerabilities and breaches.



# Impact & Vision for the Future

## 50% Millions Continuous

### Response Time Cut

Emergency delays may reduce over half with the portal.

### Empowered Users

Millions gain proactive safety and peace of mind globally.

### AI Enhancements

Ongoing improvements will increase accuracy and usability.

## Future

### Expansion Plans

Integrate wearables and build community support networks ahead.

