



VideoGuard Project Presentation

AN AI-BASED VIDEO CENSORING TOOL THAT
DETECTS AND REMOVES INAPPROPRIATE CONTENT

Meet the Team



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Project Recap



DETECTS EXPLICIT CONTENT

Uses ML models to detect explicit scenes in videos.



REMOVES EXPLICIT CONTENT

Skips, blurs or mute explicit scenes based on preferences.



CUSTOMIZABLE

Allows users to configure sensitivity levels and filters.

VIDEOGUARD USES COMPUTER VISION AND ML TO DETECT AND REMOVE EXPLICIT VIDEO CONTENT, PROVIDING CUSTOMIZABLE OPTIONS FOR CENSORSHIP AND FILTERING.

3 Way Censoring

Dialogue + Sound + Footage



BLUR EXPLICIT SCENES

Detect Explicit frames using
a pre-trained model, NSFW
dataset.



BEEP FOUL LANGUAGE

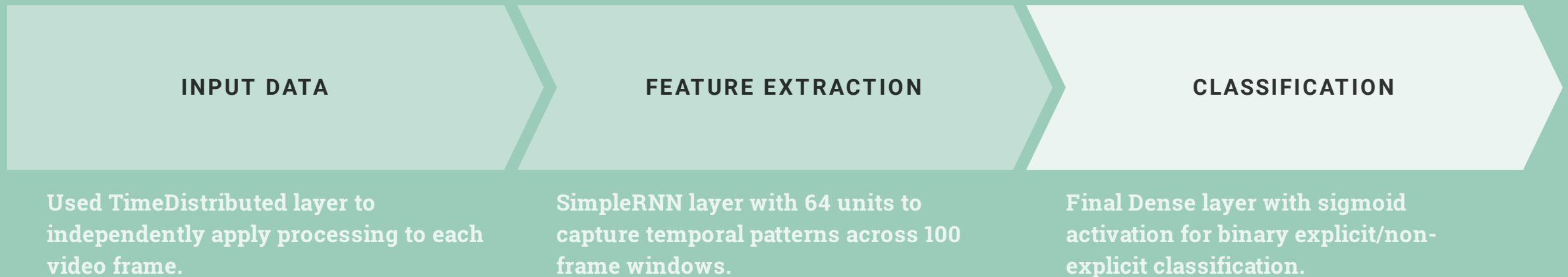
Beep a foul word once
detected speech to text
conversion and classify
using Googles Perspective
API



BLUR VIOLENCE

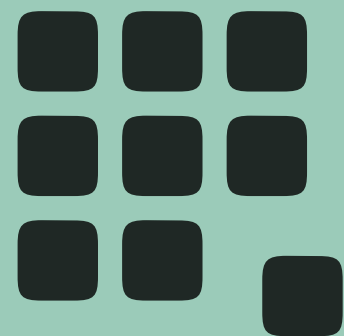
Blur fight scenes and
blood using in house
trained model based on
RNN and CNN

Model Architecture





Demo



The End