

Dataset Information

Dataset	Samples	Emotions	Notes
CREMA-D	7,442 audio clips	Happy, Sad, Angry, Fear, Neutral, Disgust, Surprise	Multi-speaker, actors
TESS	2,800 audio clips	Happy, Sad, Angry, Fear, Disgust, Surprise, Neutral	Female speakers only
RAVDESS	1,440 audio clips	Happy, Sad, Angry, Fear, Calm, Surprise, Neutral	Includes speech & song
SAVEE	480 audio clips	Happy, Sad, Angry, Fear, Surprise, Disgust, Neutral	Male speakers only

The system is trained on multiple emotion datasets including CREMA-D, TESS, RAVDESS, and SAVEE. Together, they cover over 12,000 audio samples spanning 7 emotions, recorded in diverse conditions with male and female speakers. This diversity ensures that the model generalizes well across speakers, accents, and recording environments.