



Project:
Speech Emotion Detection

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Speech emotion recognition (SER) is the process of predicting human emotions from audio signals using artificial intelligence (AI) techniques. SER technologies have a wide range of applications in areas such as psychology, medicine, education, and entertainment. Extracting relevant features from audio signals is a crucial task in the SER process to correctly identify emotions. In this work, 6 spectrum of emotion is detected utilizing deep neural network. The repository itself utilizes [hugging face](#) and its accuracy rate is as follow:

Emotions	precision	recall	f1-score	accuracy
Anger	0.95	0.95	0.95	
Fear	0.33	0.17	0.22	
Happiness	0.69	0.69	0.69	
Neutral	0.91	0.94	0.93	
Sadness	0.92	0.85	0.88	
Surprise	0.81	0.88	0.84	
			Overall	0.90