

# Feature Engineering Unstructured Data (Audio & Wave Files)

Please find the spectrogram, mel-scaled spectrogram, Short-time Fourier transform (STFT), beat tracker and constant-Q transform of an audio signal.

[https://www.nasa.gov/vision/universe/features/halloween\\_sounds.html](https://www.nasa.gov/vision/universe/features/halloween_sounds.html)Links

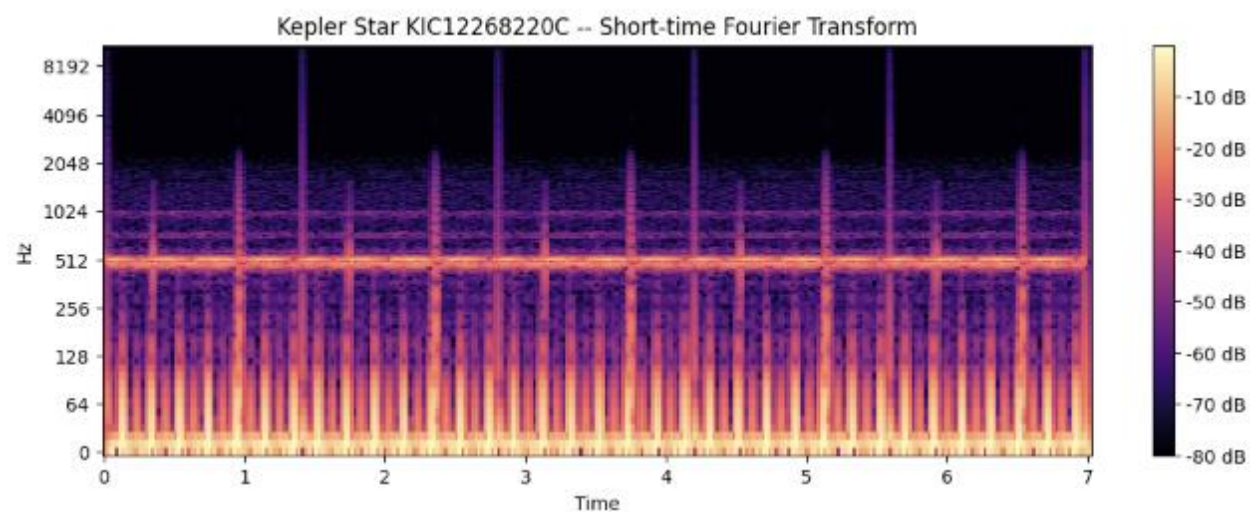
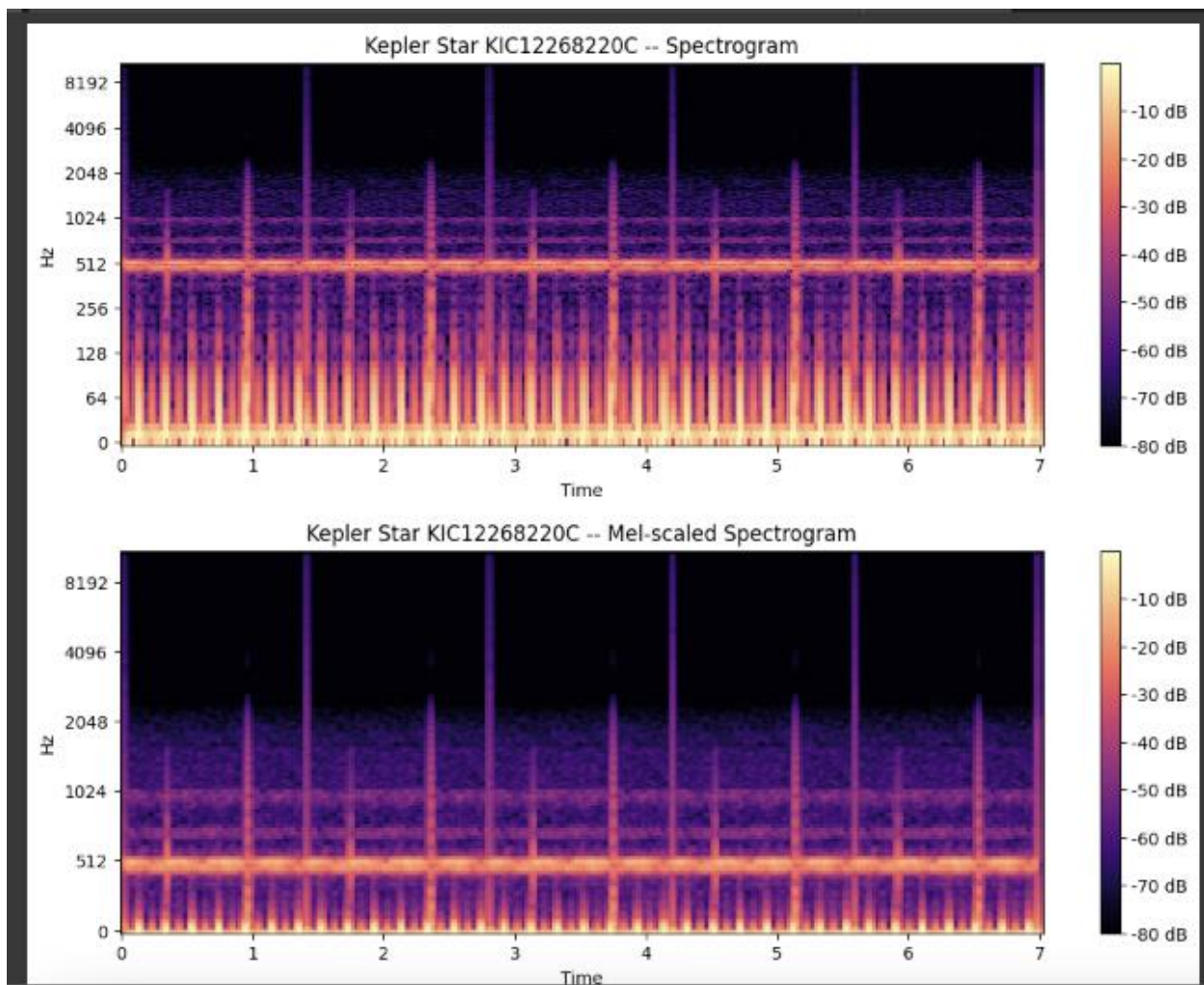
Kepler: Star KIC12268220C Light Curve Waves to Sound

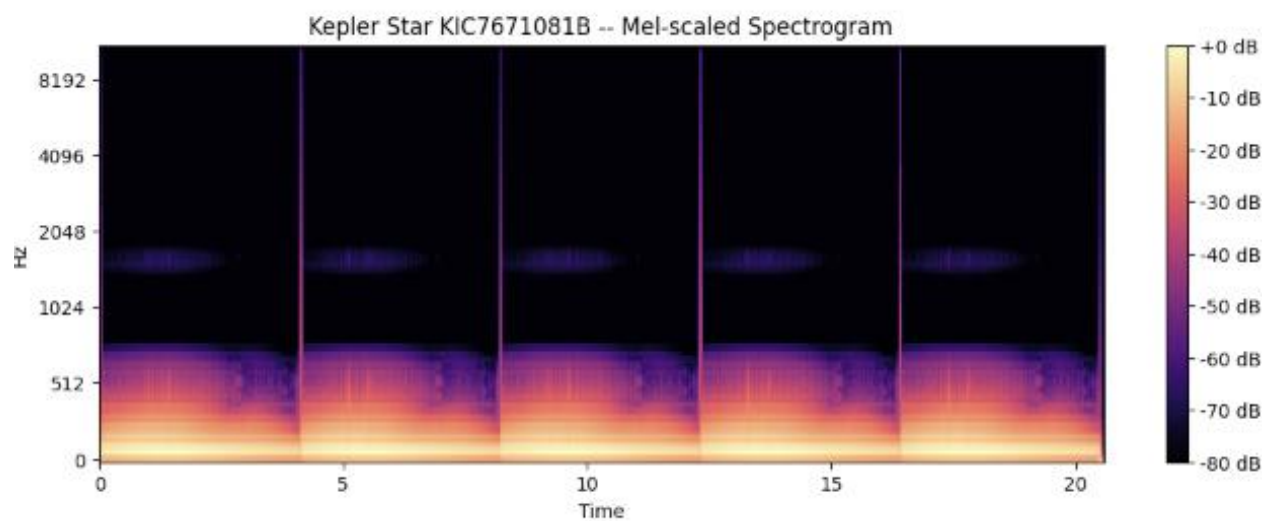
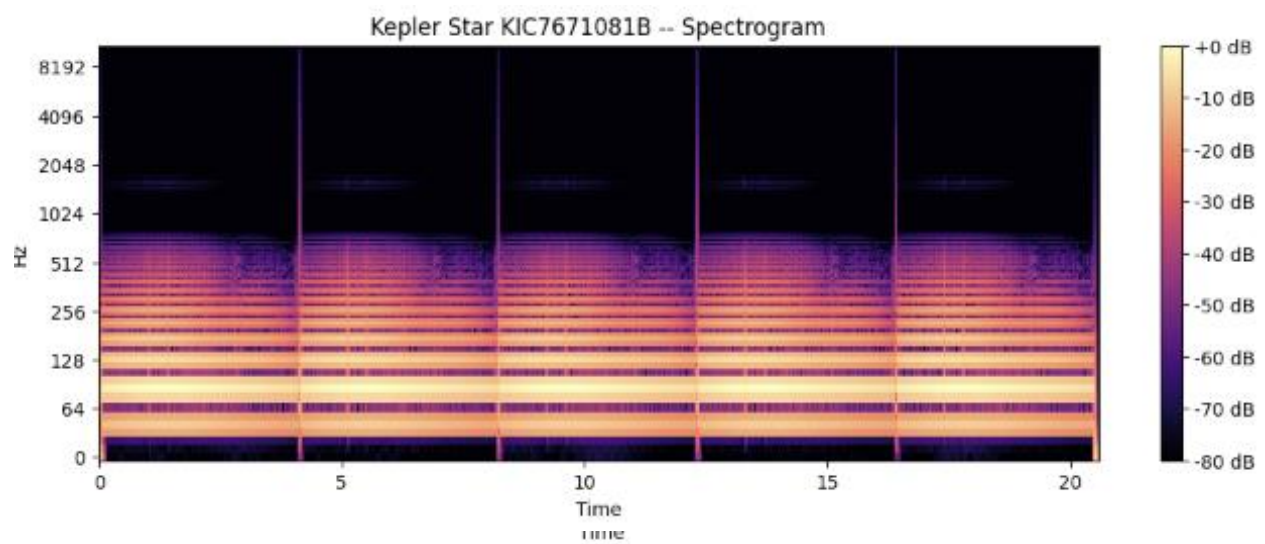
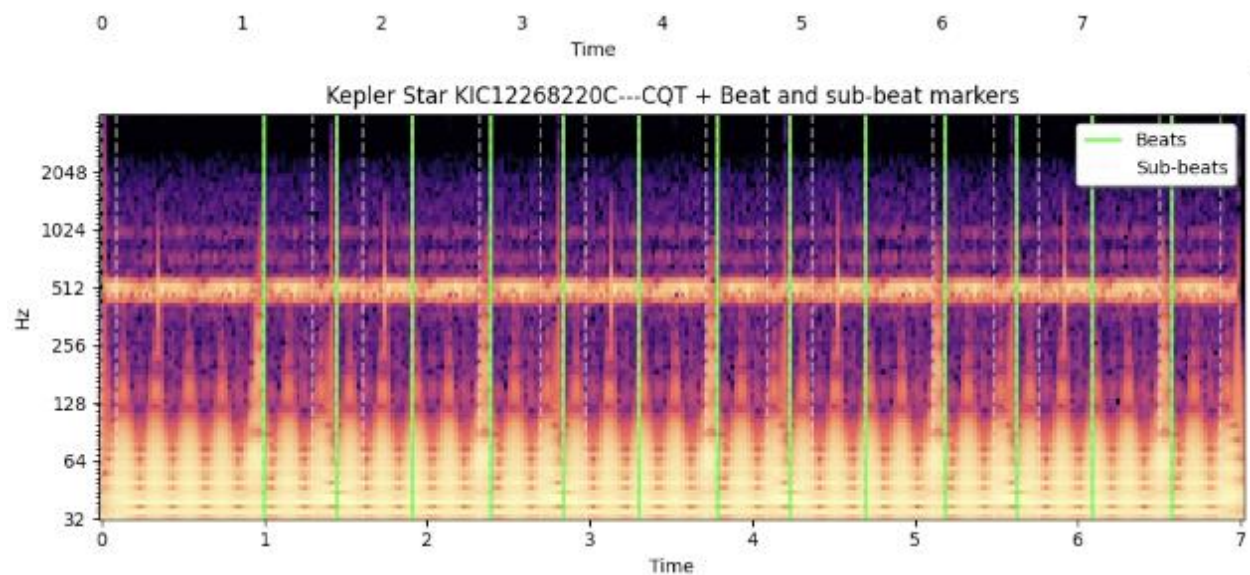
NASA - Kepler: Star KIC7671081B Light Curve Waves to

NASA - Whistler Waves

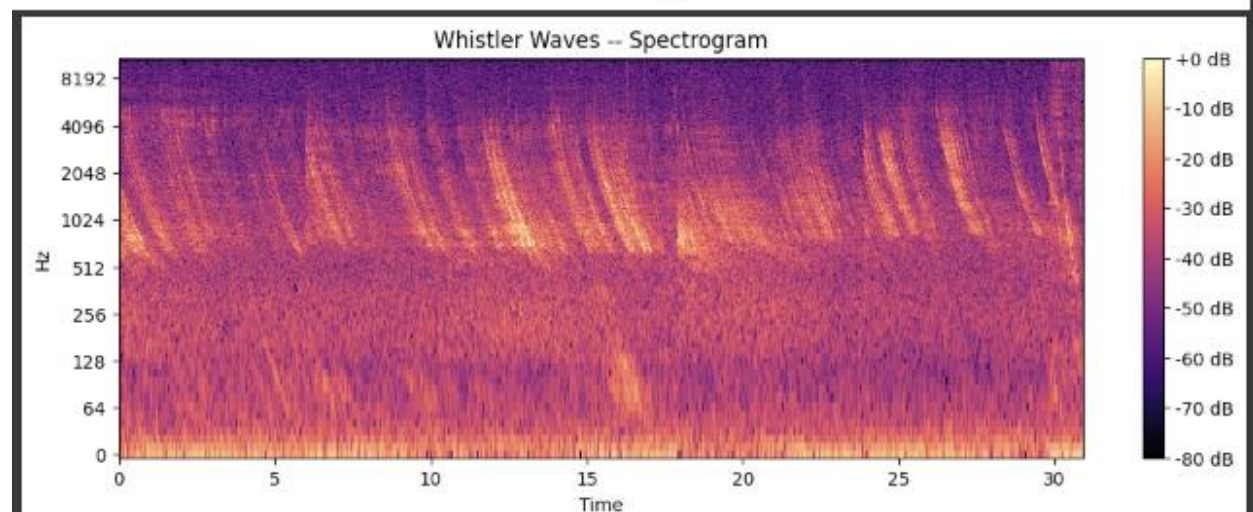
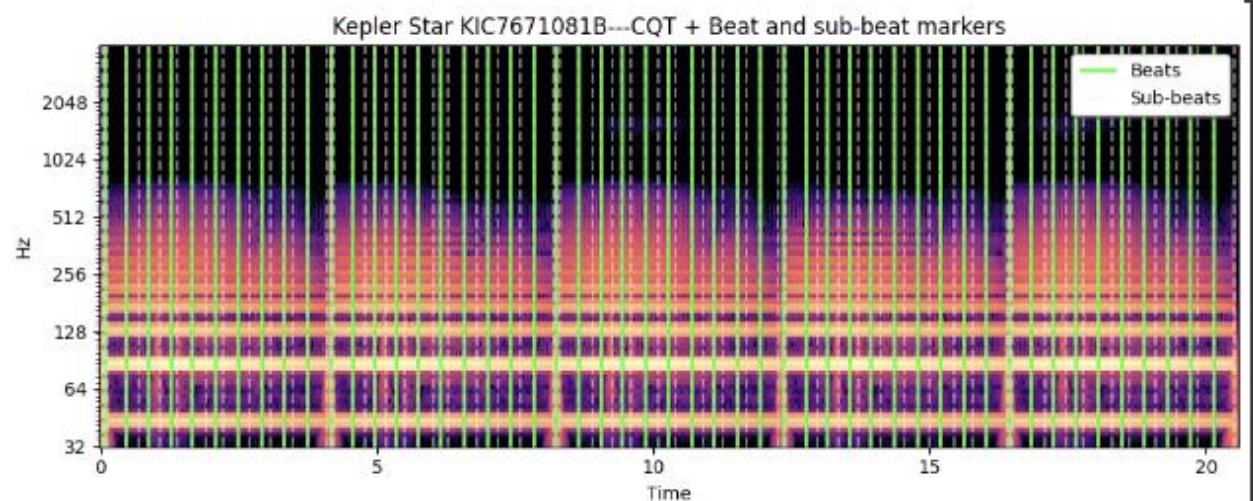
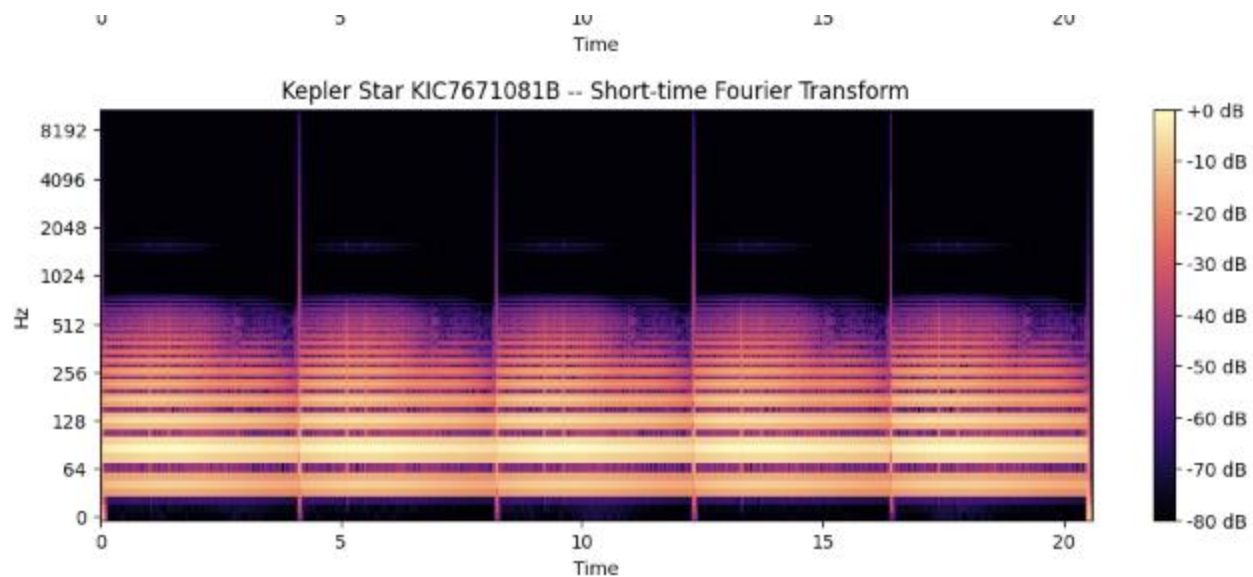
Johns Hopkins APL - Parker Solar Probe - Whistler Mode Waves 2

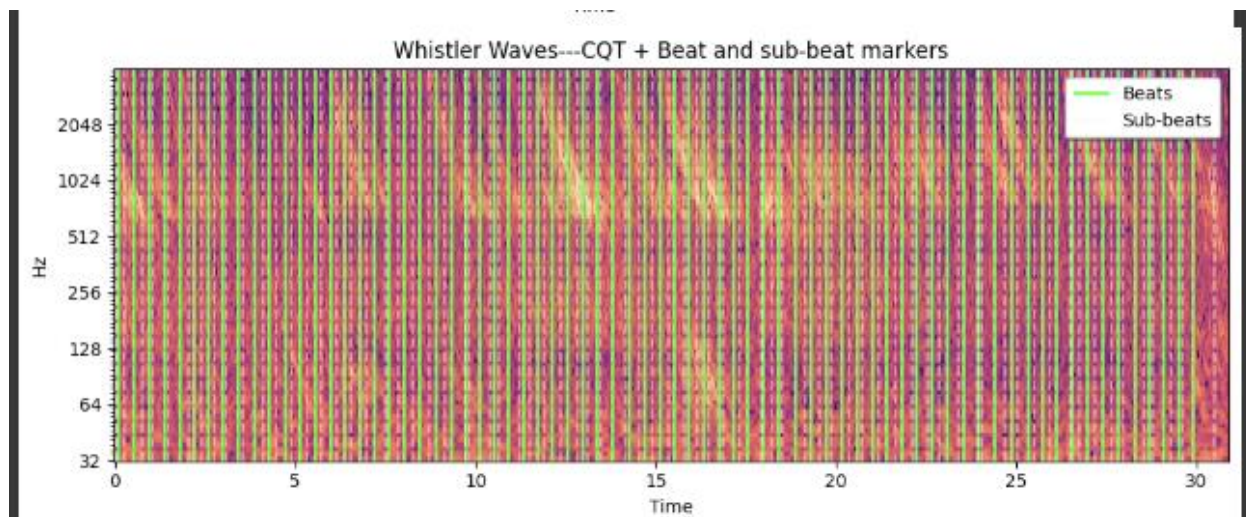
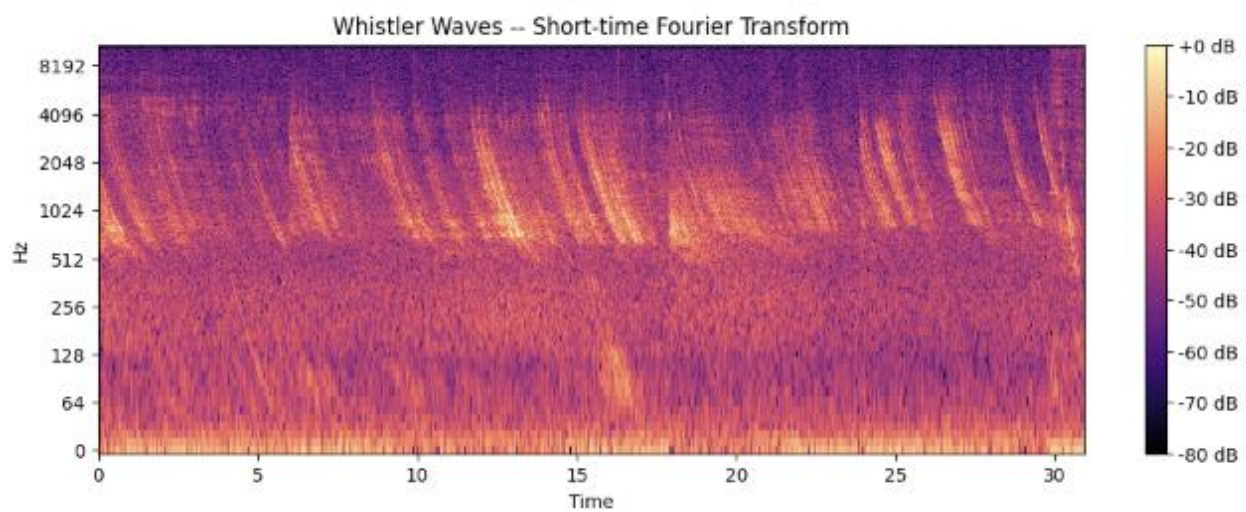
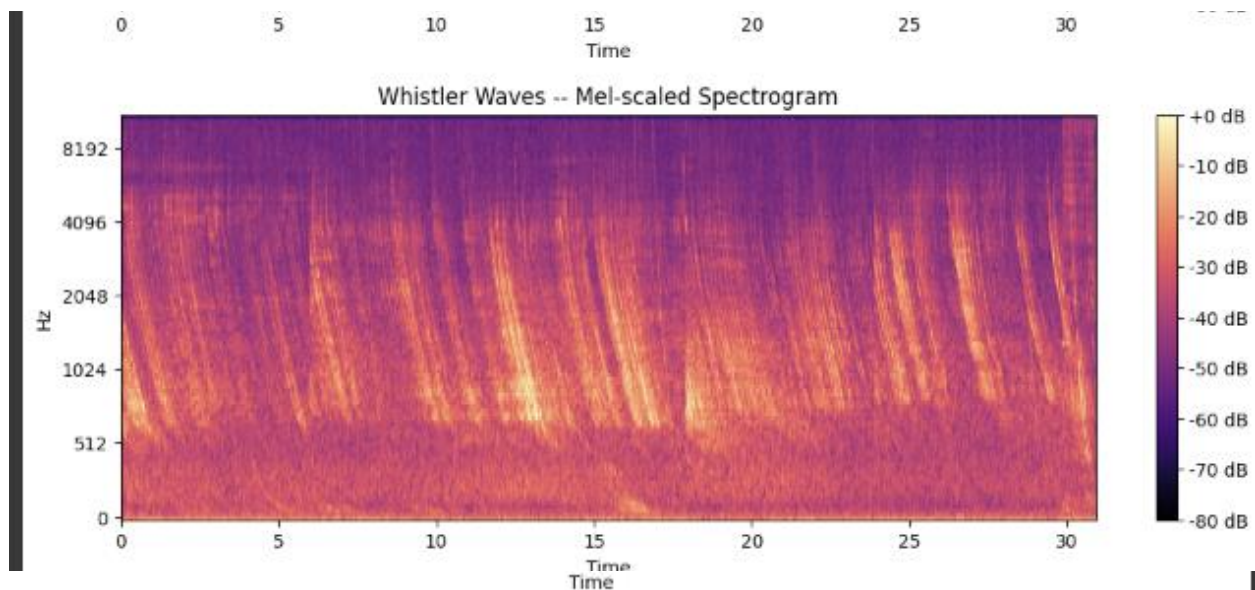
NASA - Audio from NASA's Juno Mission: Europa Flyby





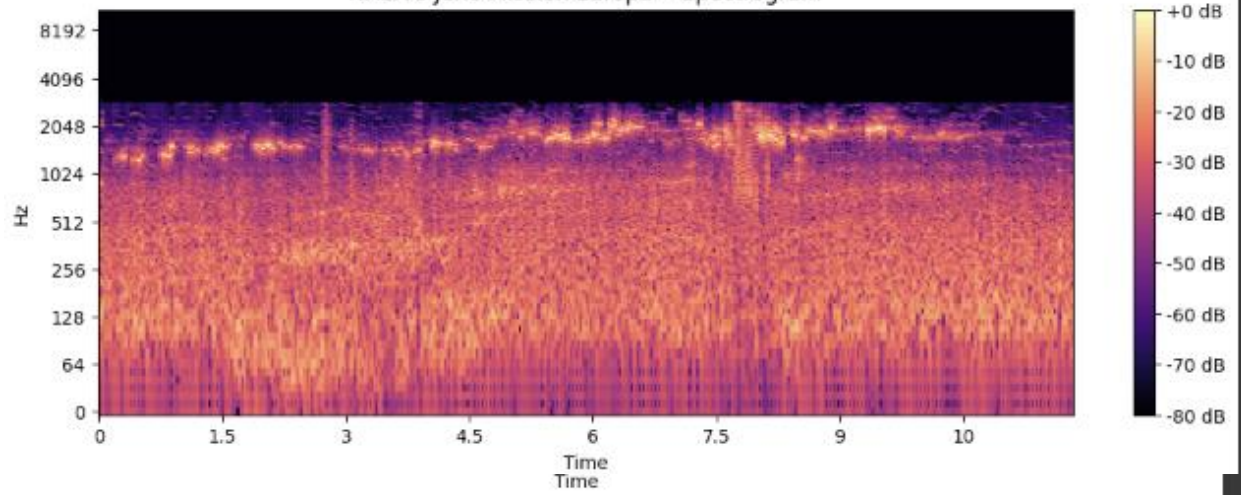








NASA's Juno Mission Europa -- Spectrogram



NASA's Juno Mission Europa -- Mel-scaled Spectrogram

