

- **Audio manipulation with torchaudio**
- **Preparing data and utility functions (skip this section)**
- **Audio I/O**
- **Quering audio metadata**
- **Loading audio data into Tensor**
- **Saving audio to file**
- **Data Augmentation**
- **Applying effects and filtering**
- **Simulating room reverbration**
- **Adding background noise**
- **Applying codec to Tensor object**
- **Simulating a phone recoding**
- **Feature Extractions**
- **Spectrogram**
- **GriffinLim**
- **Mel Filter Bank**
- **MelSpectrogram**
- **MFCC**
- **Pitch**
- **Kaldi Pitch (beta)**
- **Feature Augmentation**

➤ **SpecAugment**

➤ **Datasets**