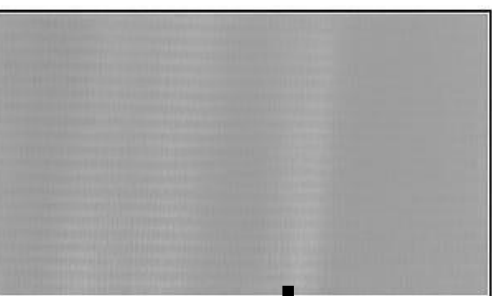
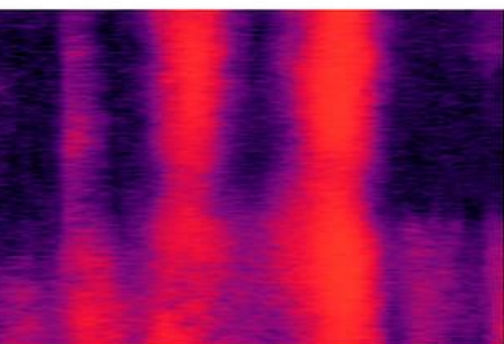


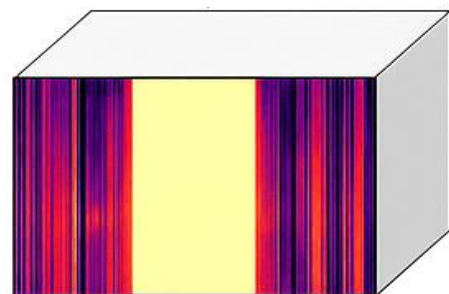
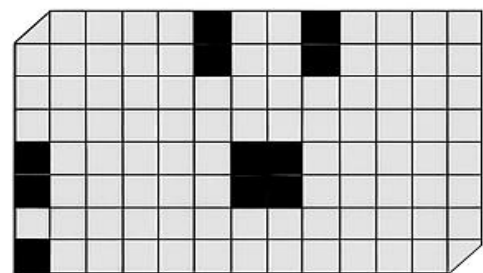
Input and Masking



**Feature
extraction
(Spectrogram)**



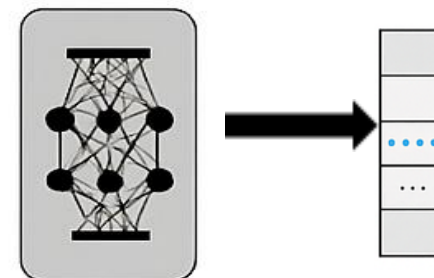
Random Time Masking



**Masked
Spectrogram
Reconstruction(MSR)**

Self-learned
mask

Convolutional Neural Network



**Accent
Classific
ation**

Reconstruction
Loss

Total Loss

α Classification Loss +
 β Reconstruction Loss