

Name : Pavan Kumar
Age: 23
Gender: Male
UH Id: 181996
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Pitch and Formant Analysis Report

1 Audio wave-form and spectrogram

1.1 Wave-form of selected part of the audio signal

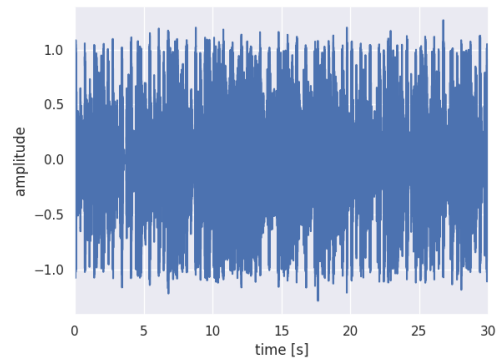


Figure 1: Wave-Form Plot

1.2 Spectrogram of selected part of the audio signal

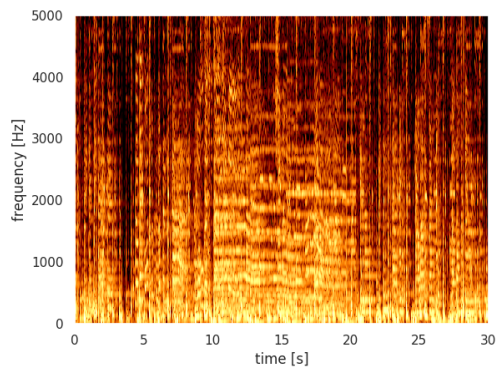


Figure 2: Spectrogram Plot

2 Pitch Analysis

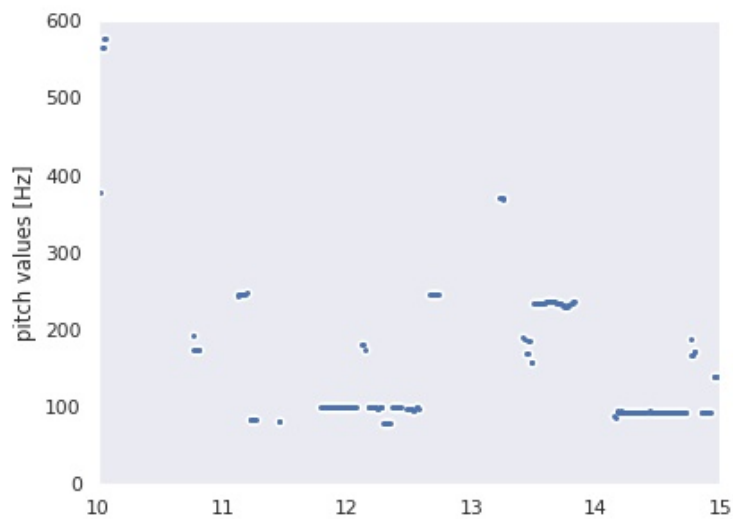


Figure 3: Pitch Plot

2.1 Pitch

Mean value : 149.04695529989533

Median value : 89.59067386551723

2.2 Subject Gender prediction based on pitch analysis

Predicted Gender of the Subject is ['male']

3 Formant Analysis

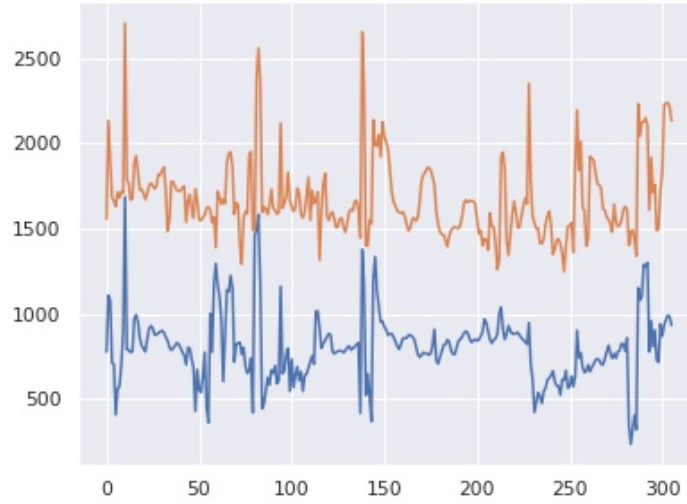


Figure 4: Formant Plot

3.1 First Formant

Mean value : 801.4697837633439
Median value : 798.0789375952252

3.2 Second Formant

Mean value : 1673.9552728694064
Median value : 1621.49138569259