

```
[2]: from scipy.io.wavfile import read
from scipy import signal
#from scipy.fftpack import fft
from numpy import fft
import matplotlib.pyplot as plt
(fx,x)=read('/home/shyamsundar/Desktop/yesno.wav')
#Fk= fft.fft(x)/1000
#k=fft.fftfreq(5,100)
#f, Pxx_spec = signal.periodogram(x,fs)
f, k= signal.periodogram(x,fx)
#ys=fft(x)
#plt.plot(x)
#plt.plot(Fk)
plt.figure(5)
plt.subplot(2,1,1)
plt.plot(x)
plt.grid(True)
plt.figure(2)
plt.subplot(2,1,2)
plt.plot(k)
plt.xlabel('frequency')
plt.ylabel('PSD')
plt.show()
print(fx,x)
plt.show()
#! play /home/shyamsundar/Desktop/yesno.wav
```

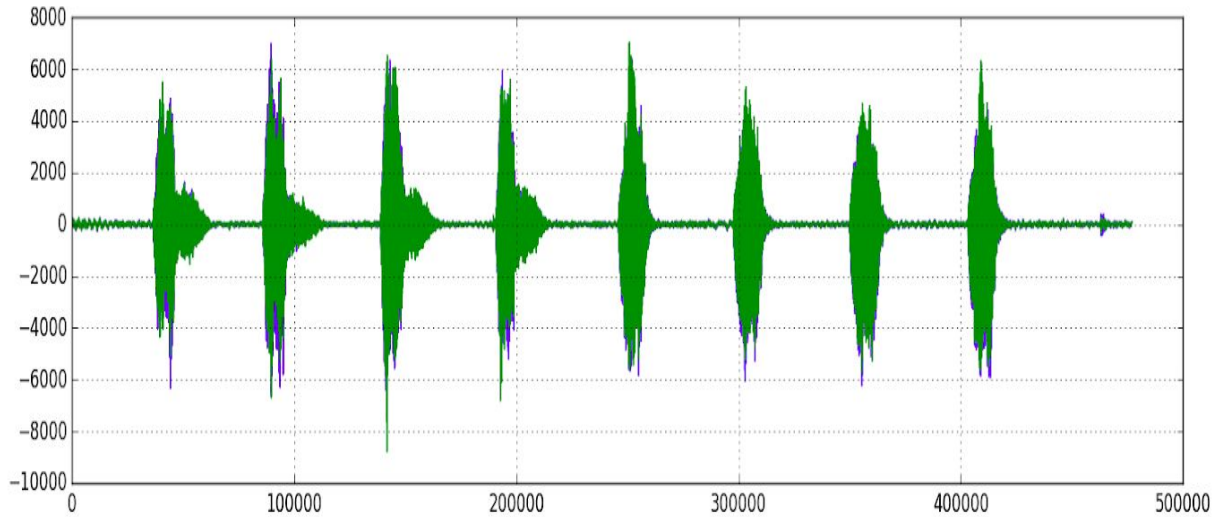


Fig1: yesnovoice1

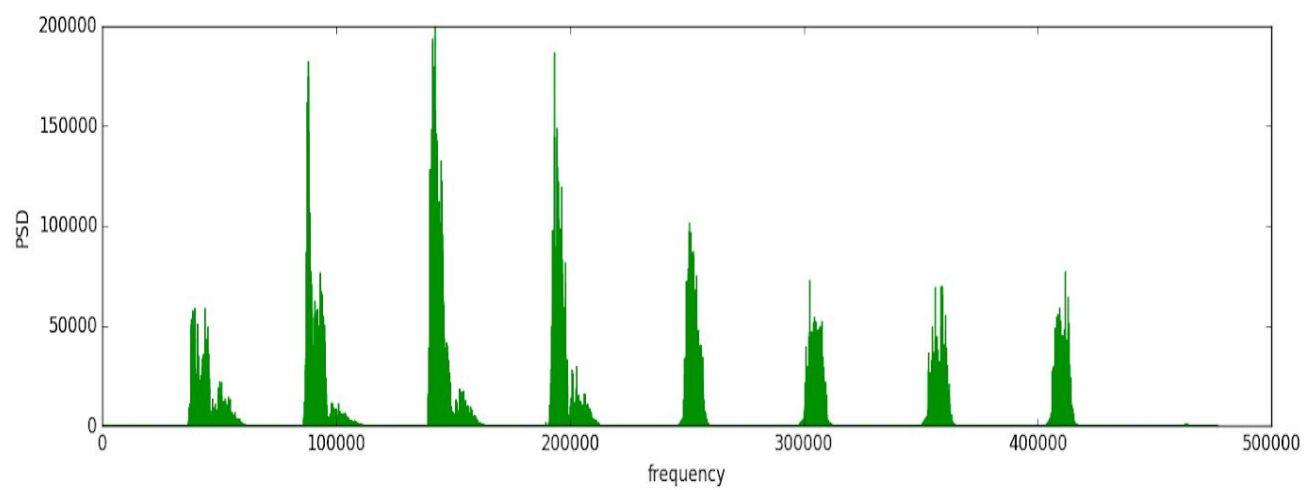


Fig2:periodogram voice1

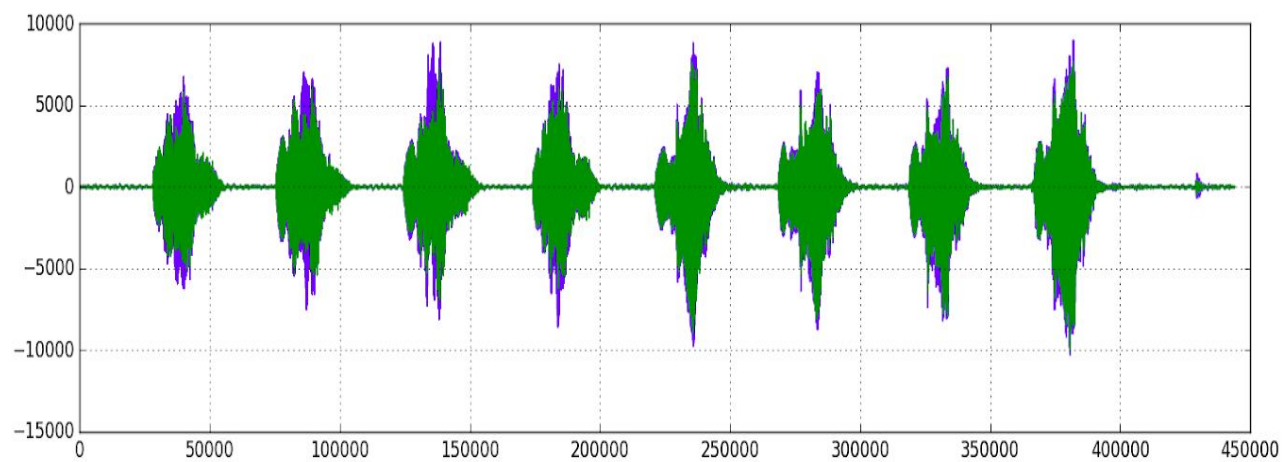


Fig3:yesno voice2

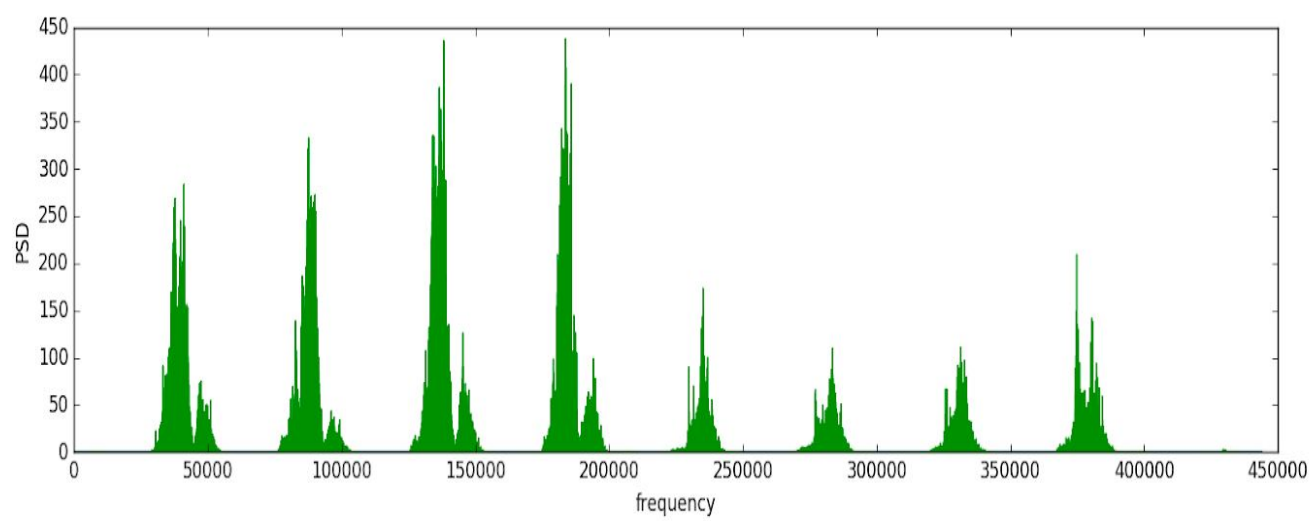


Fig4:periodogram voice2