

抖音04——音频分析

1. import librosa包

```
In [9]: import librosa
```

2. 输入文件地址位置

```
In [12]: audio_path = 'C:/Users/ThinkPad/Desktop/13090.wav'
```

3. 注意文件格式是wav，其他格式会报错

```
C:\Users\ThinkPad\Anaconda3\lib\site-packages\librosa\core\audio.py:161: UserWarning: PySoundFile failed. Trying audioread instead.
```

4. 输入以下代码

```
In [13]: x, sr = librosa.load(audio_path)
```

```
In [14]: print(x.shape, sr)
```

```
(512500,) 22050
```

```
In [15]: import matplotlib.pyplot as plt  
import librosa.display
```

```
In [16]: plt.figure(figsize=(14, 5))  
librosa.display.waveplot(x, sr=sr)
```

5. 效果如下

