Looking Beyond Local:

Take Your Bands to the Next Level

HELLO!

We are Flatiron Maiden

We are here because
your artists deserve to be heard.

INSTRUCTIONS FOR USE

1.) Send us some of your artists' songs

2.) Get genre appropriate targets: venues, media, network contacts with other bookers / promoters filtered for your bands based on the audio files.

3.) ???

4.) Profit

*Currently available only in the contiguous USA & southernmost 100 miles of Canada

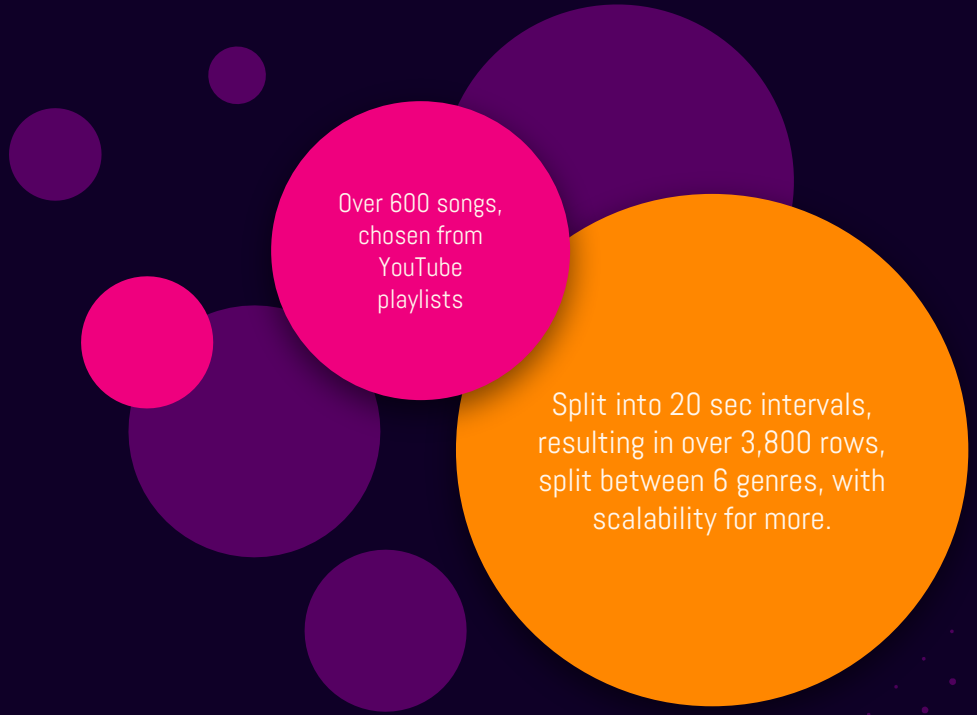
How It Works

Speedy Results, Customized for You

Flatiron Maiden has Connections, you bring the Talent

After uploading clips of your songs, we analyze them, and match you with venues that are likely to want your style for both headliners and opening acts.

Data Source

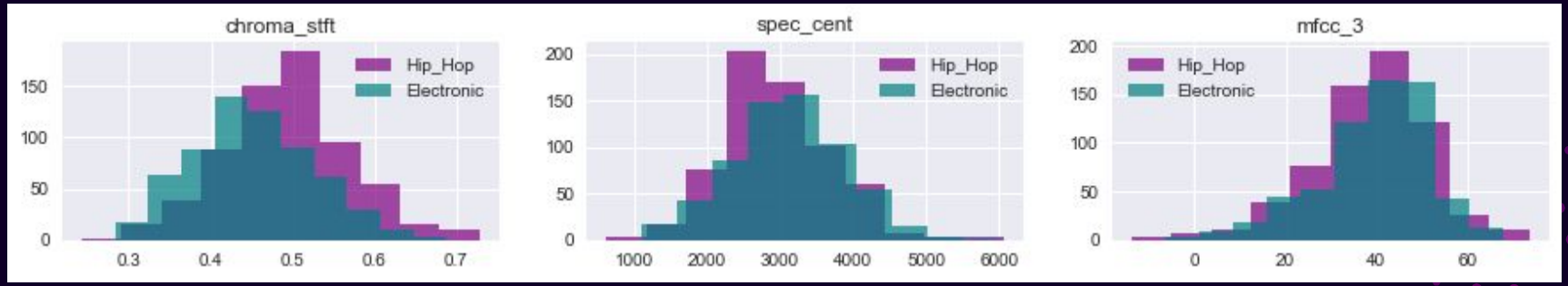

Over 600 songs, chosen from YouTube playlists
Split into 20 sec intervals, resulting in over 3,800 rows, split between 6 genres, with scalability for more.

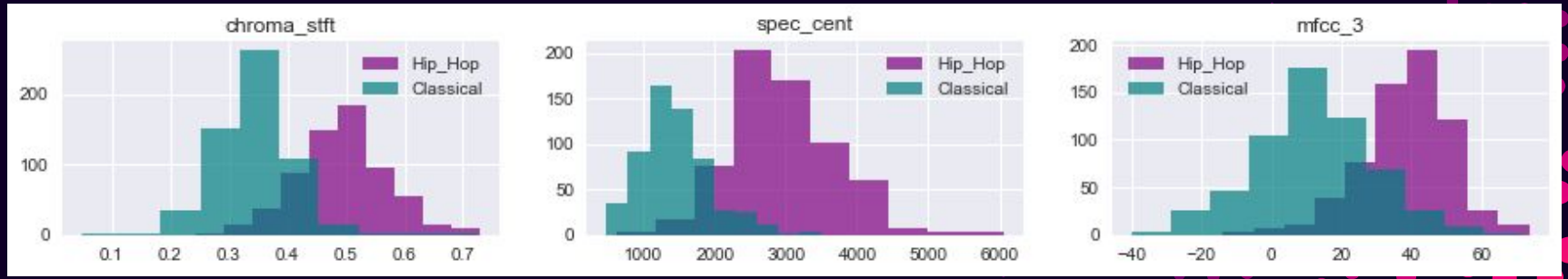
WANT BIG IMPACT?

Maximize your networking efficiency!

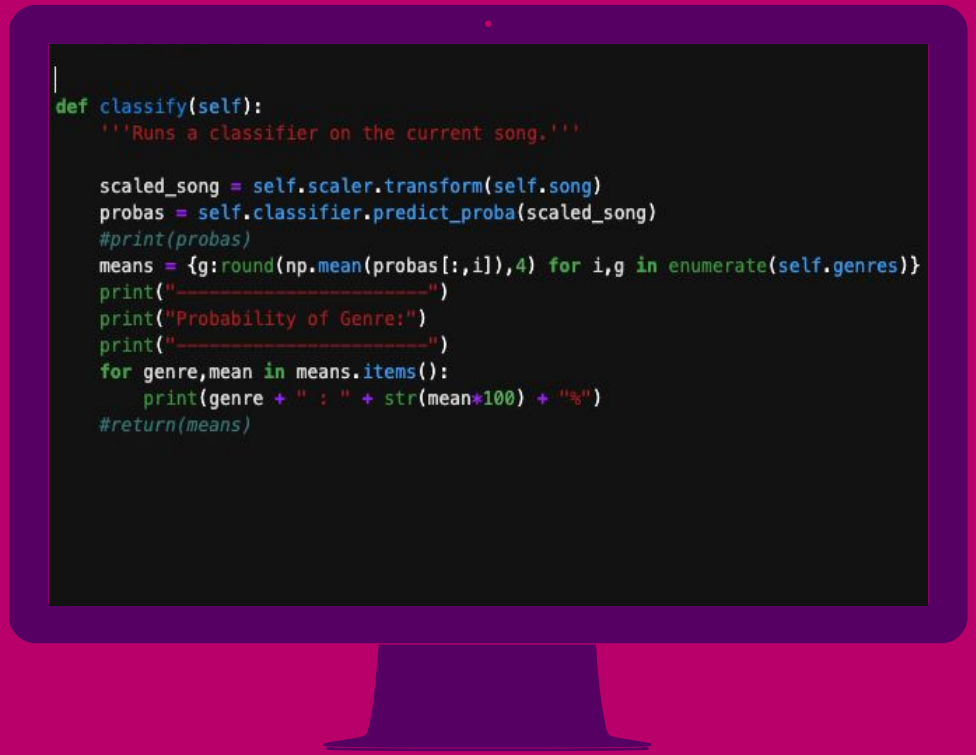
OUR PROCESS IS EASY

Can you tell a difference?





Our model can.



```
def classify(self):
    '''Runs a classifier on the current song.'''

    scaled_song = self.scaler.transform(self.song)
    probas = self.classifier.predict_proba(scaled_song)
    #print(probas)
    means = {g:round(np.mean(probas[:,i]),4) for i,g in enumerate(self.genres)}
    print("-------------------------")
    print("Probability of Genre:")
    print("-------------------------")
    for genre,mean in means.items():
        print(genre + " : " + str(mean*100) + "%")
    #return(means)
```

Live Demo

Use #seattle-ds-040119

to Slack a song you'd like to predict

(must be available on YouTube -- include the URL for simplicity)

CREDITS

Special thanks to all the people who made and released these awesome resources for free:

- Presentation template by SlidesCarnival
- Photographs by Unsplash