**Executive Summary**

I am going to explore the events and venues occurring in Nashville. I want to identify the most popular types of events based on several factors.

**Motivation**

I love attending stand-up comedy events and theater, occasional concerts, but many fall victim to the sense that Nashville is simply the “music city”. I want to demonstrate the plethora of opportunity available for concert-like entertainment and analyze whether the ‘music city’ lives up to the label.

**Data Question**

What events in Nashville are the most popular?   
1. What types of events occur the most (regardless of seat capacity)  
2. Based on number of shows and seat capacity, which individual concerts/shows etc are the most attended?   
  
Parameters: Web scraping from [www.nashville-theater.com](http://www.nashville-theater.com) which has event information for the entire Nashville area. I will not look at events outside of this website, unless the data would be significantly improved without undo damage to the validity of the analysis.

**Minimum Viable Product (MVP)**

*A dashboard highlighting the most popular types of events, venues, their ticket capacity, and the most popular artists/shows, dates, and ticket prices.*

*Beyond MVP, if I meet MVP with enough time, I will create a second dashboard that is interactive and used to determine what shows are available. There would be a number of filters on the page (e.g. venue, event type, dates) so that an individual wanting to find a concert can use it based on their needs “I want to go to an event on Saturday and I’m interested in stand-up comedy” etc.*

**Schedule (through <date of demo day>)**

1. Get the Data (8/5/2022)
2. Clean & Explore the Data (8/10/2022)
3. Create Presentation of your Analysis (8/11/2022)

* Should be a presentation, but could include a Jupyter Notebook or dashboard in Excel, Tableau, or PowerBI

1. Internal demos (8/12/2022)
2. Demo Day!! 8/19/2022

**Data Sources**

<https://www.nashville-theatre.com>

**Known Issues and Challenges**

* Many of the websites for events, like TPAC, do not allow webscraping. Nashville Theatre .com does, but I will be scraping data from a 3rd party. Ticket prices may also be skewed as for many events Nashville Theatre is charging convenience fees. In some cases, ticket prices on Nashville Theathre can be excessively more expensive (+$50 to $100 of actual ticket price) and I will have to determine a way to judge cost if I choose to include this data.