

# Network Tour of DataScience:

## XXX

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### **1 Introduction**

It can be tough to know what we would like to listen when faced with an archive of thousand of musics. For our project we wondered how we could automatically generate a list of songs that would correspond to one's taste. We will explore the features of the Free Music Archive (FMA) to generate a graph that will contain many songs of selected genres. These songs can then be sorted and a playlist be generated out of a region of this graph. We will explore different methods of generating playlists. At the end, we will show how this tool can be used to generate a free alternative playlists from non-free musics.

### **2 Generating the graph**

### **3 Generating the playlist**

### **4 Including our own song**

Figure 1