ANLY 501 Final Project

In project3, we conduct topic modelling on song names, network analysis on artists and themes and a series of visualization. ( so we did 2 additional analysis, one should be taken as extra credit )

There are 3 file folder respectively for the 3 parts.

PS: codes take time to run since the large amount of data.

Folder1: Network analysis:

networkv2.py python code for network analysis

Metrics.xlsx metrics for the network including betweenness centrality, degree centrality, clustering coefficient, triangle

mySpotify\_v3.csv: dataset used

Folder2: Topic Modelling\_extra analysis

topicmodelling.py: codes for topic modelling

mySpotify.csv: data used

Folder3: Visulisation:

Project3\_visualization.py is the python code for data visualization

501 Visualization is the word document including all the graphs

our final story is shared by website: https://sites.google.com/s/1ZQdxp93-dEl5qEgc0o4tR-UaSVJc-QdU/p/18rmV7jcAx7pjiR9V2XExZNKAkV9\_WNPU/edit?authuser=1