PROJECT-2

ANALYSIS OF SPOTIFY TRENDS

PITCH:

- Statement & Purpose
- Resources and challenges
- Methodology & Timeline
- Expected results and benefits

STATEMENT AND PURPOSE

- **Statement:**
- **Analysing various spotify music trends**
- Few relational aspects I'll be trying to analyse are:
- What factors effect the popularity of a song
- Maybe accousticness ,loudness, danceability..if not what else??

- **PURPOSE:**
- Analyze the trend of music development over a period of 100 years,What factors are necessary for the popularity of a song.

RESOURCES AND CHALLENGES

- **Resources:**

This DataSet was scraped from https://nextspaceflight.com/launches/past/?page=1 and includes all the space missions since the beginning of Space Race (1957) I selected my dataset set from Kaggle which is inspired from the source above.

- **Challenges:**

Identifying an apt dataset for this project with a larger perspective.

Learning plotly is definitely is a major challenge .

Framing questions ,making a strong hypothesis and drawing conclusions

METHODOLOGY:

I selected my dataset from Kaggle

Here is the link for my data source:

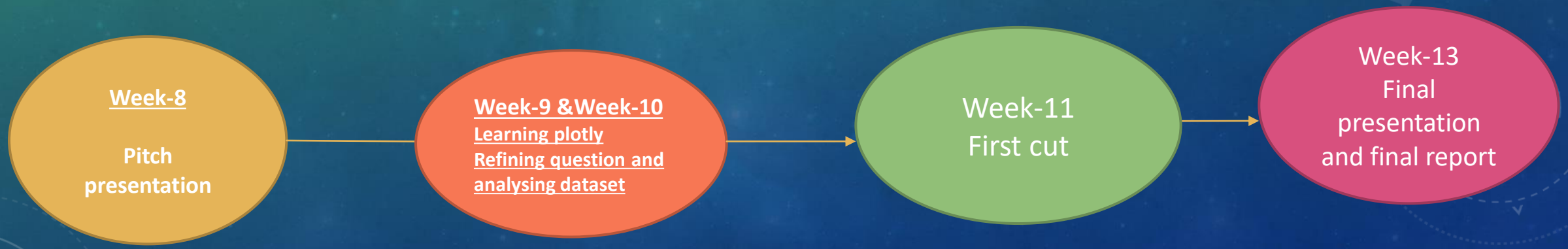
https://www.kaggle.com/yamaerenay/spotify-dataset-19212020-160k-tracks

The dataset needs some data cleaning which I'll be doing using excel.

After, cleaning my data set I'll be working on what questions I can address and refine them further .

Thirdly, I'll be making interactive visualisations using plotly.

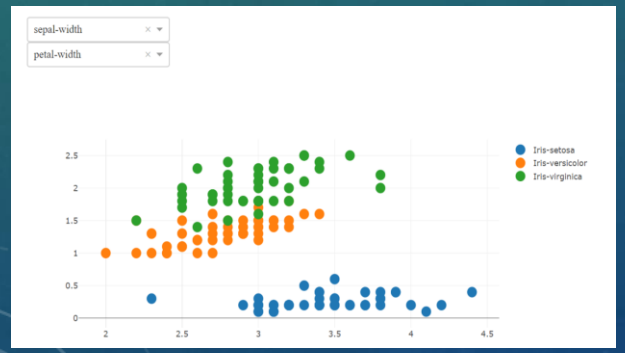
TIMELINE:

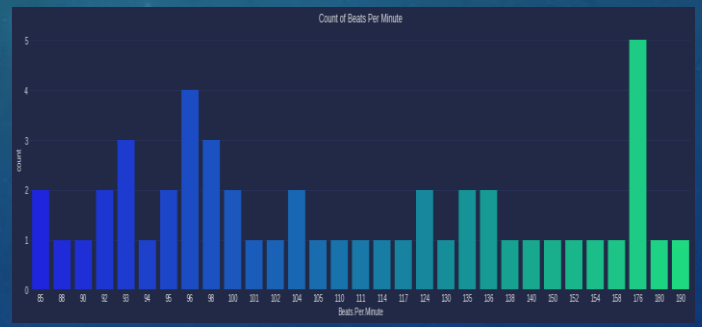


WHY DYNAMIC VISUALISATIONS??

- For better user interaction.
- It can show more details on demand where as in static visualisations this poses a major challenge.
- For example I can plot different things on the same scatter plot and see immediate results.

- **<u>VISUALISATIONS :</u>**
- I'll be trying to show these sorts of visualisations in my presentation .





EXPECTED BENEFITS OF THE DATASET

- The data set I selected needs very little cleaning which will help me analyse further and make perfect dynamic visualisations. Apart, from this there are a lot of attributes that help will me get deeper insights into the music patterns and thus a better understanding of the musical behaviours.
- **Expected outcomes:**
- This dataset can be used as the basis to predict the next popular/hit song.

THANK YOU