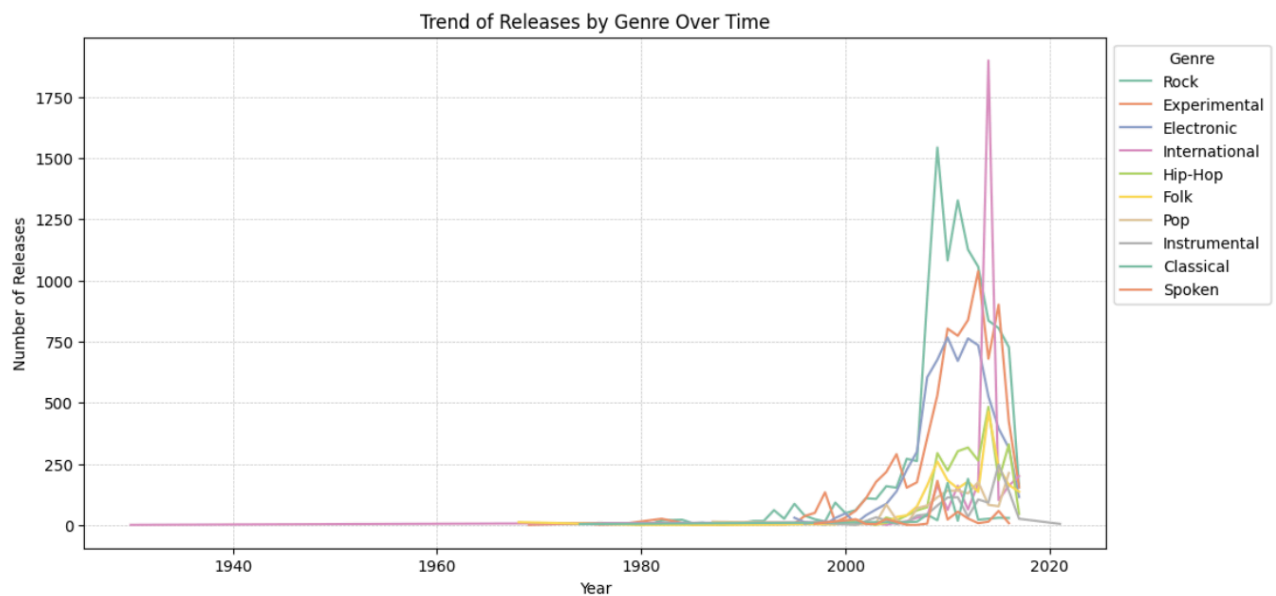
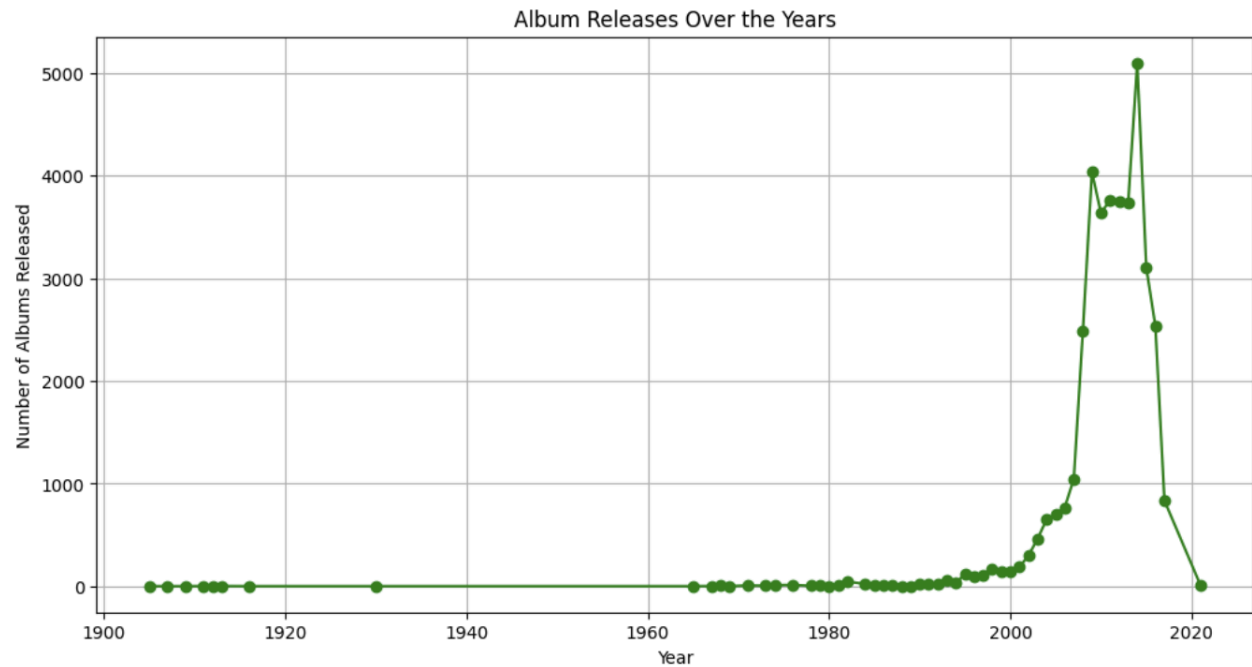
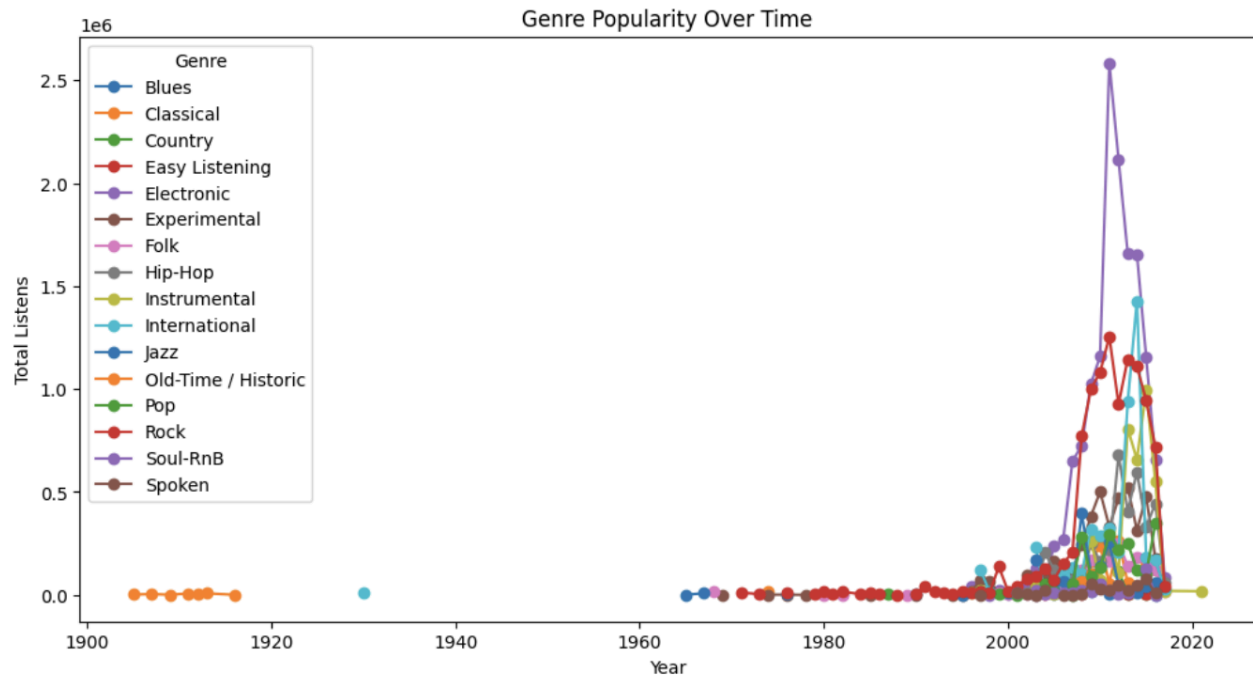


Data Appendix

Questions the Data Answers:

- How have the releases of albums from certain genres changed over time?
- How have the total numbers of album releases changed over the years?
- How have the popularity of certain genres of music changed over time?





***Figures 1-3**

Dataset 1: cleaned merged tracks.csv

Variable	Definition	Total number of observations/missing observations (n(m))
album_title	Data type: object Unique identifier for each user	38196(0)
album_release_date	Data type: object The date and time that the album was released at (YYYY-MM-DD 00:00:00)	38196(0)
track_genre_top	Data type: object The top genre category associated with the track	38196(0)
track_listens	Data type: int64 How many times a track was listened to by a user	38196(0)

Dataset 2: raw_albums.csv

Variable	Definition	Total number of observations/missing observations (n(m))
album_id	Data type: int64 Unique identifier for each album in the dataset	15234(0)
album_comments	Data type: int64 This column holds a 0 in place of comments	15234(0)
album_date_created	Data type: object The date and time of the creation of the album (MM/DD/YYYY 00:00:00 AM/PM)	15234(0)
album_date_released	Data type: object The date of the album released (MM/DD/YYYY)	15234(5491)
album_engineer	Data type: object The name of the album engineer	15234(12841)
album_favorites	Data type: int64 The number of favorites the album has	15234(0)
album_handle	Data type: object The name of the album and version	15234(0)
album_image_file	Data type: object A link to the image of the album	15234(0)
album_images	Data type: object Encodes for the image of the album	15234(0)
album_information	Data type: object Links to/information about the album	15234(3198)
album_listens	Data type: int64 How many times the album was listened to	15234(0)
album_producer	Data type: object The name of the producer of the album	15234(12572)
album_title	Data type: object The title of the album	15234(0)

album_tracks	Data type: int64 How many tracks are on each album	15234(0)
album_type	Data type: object The type of album (album, live performance, radio performance, etc.)	15234(464)
album_url	Data type: object Url link to album	15234(1)
artist_name	Data type: object Name of the artist on the album	15234(1)
artist_url	Data type: object Url link to the artist	15234(1)
tags	Data type: object [] to represent any potential tags to the album	15234(0)