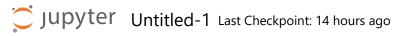
10/10/24, 10:40 AM Untitled-1



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→ ★ □ □ → ■ □ → Code → JupyterL

[1]: import pandas as pd
 import matplotlib.pyplot as plt
 import seaborn as sns
 import numpy as np

[2]: path\_artists = "data\_by\_artist.csv"
 path\_genres = "data\_by\_genres.csv"
 path\_year = "data\_by\_year.csv"
 path\_genres\_2 = "data\_w\_genres2.csv"
 path\_data= "data.csv"

[3]: # Load the file into a dataframe
df = pd.read\_csv(path\_data)

# Print out the first vive rows of the dataset
df.head()

[3]:		valence	year	acousticness	artists	danceability	duration_ms	energy	explicit	
	0	0.0594	1921	0.982	['Sergei Rachmaninoff', 'James Levine', 'Berli	0.279	831667	0.211	0	4BJqTC
	1	0.9630	1921	0.732	['Dennis Day']	0.819	180533	0.341	0	7xPhfUaı
	2	0.0394	1921	0.961	['KHP Kridhamardawa Karaton Ngayogyakarta Hadi	0.328	500062	0.166	0	1o6l8E
	3	0.1650	1921	0.967	['Frank Parker']	0.275	210000	0.309	0	3ftBPsC!
	4	0.2530	1921	0.957	['Phil Regan']	0.418	166693	0.193	0	4d6HGyGT

[A]. # I nad the data containing genres