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19BEC1204

## **ATOM**

## TASK-1

#### AIM:

For the given Spotify CSV file use Python to read in the file and read it has a list and perform operations to get the following output, the output must be in CSV format.

### **SOFTWARE USED:**

Python using Pycharm, pandas,

### **OBJECTIVE:**

To process and get the required modified csv file.

#### CODE:

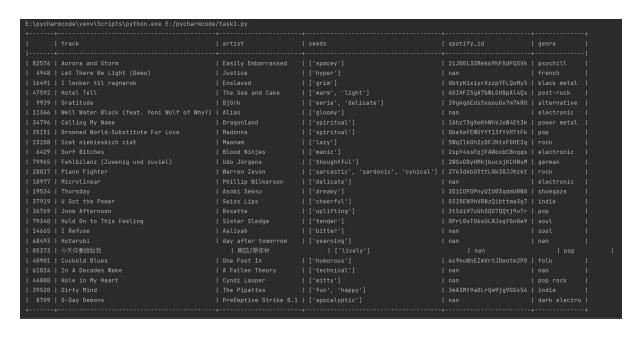
```
import pandas as pd
from tabulate import tabulate

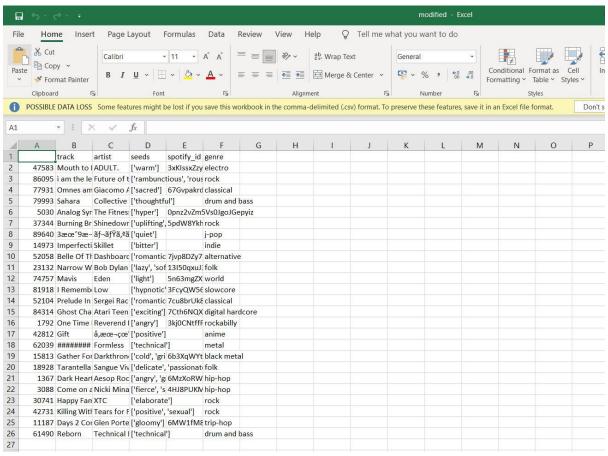
df = pd.read_csv(open("muse_v3.csv", encoding="utf8"))

req = df[['track', 'artist', 'seeds', 'spotify_id', 'genre']]
final = req.sample(n=25)
print(tabulate(final, headers='keys', tablefmt='psql'))
final.to_csv('modified.csv')
```



### **Output:**







# <u>INFERENCE –</u>

We can use pandas to do different file handling processes which are very easy to learn and use.

# **RESULT** –

Hence we have successfully generated different kind operations on a .