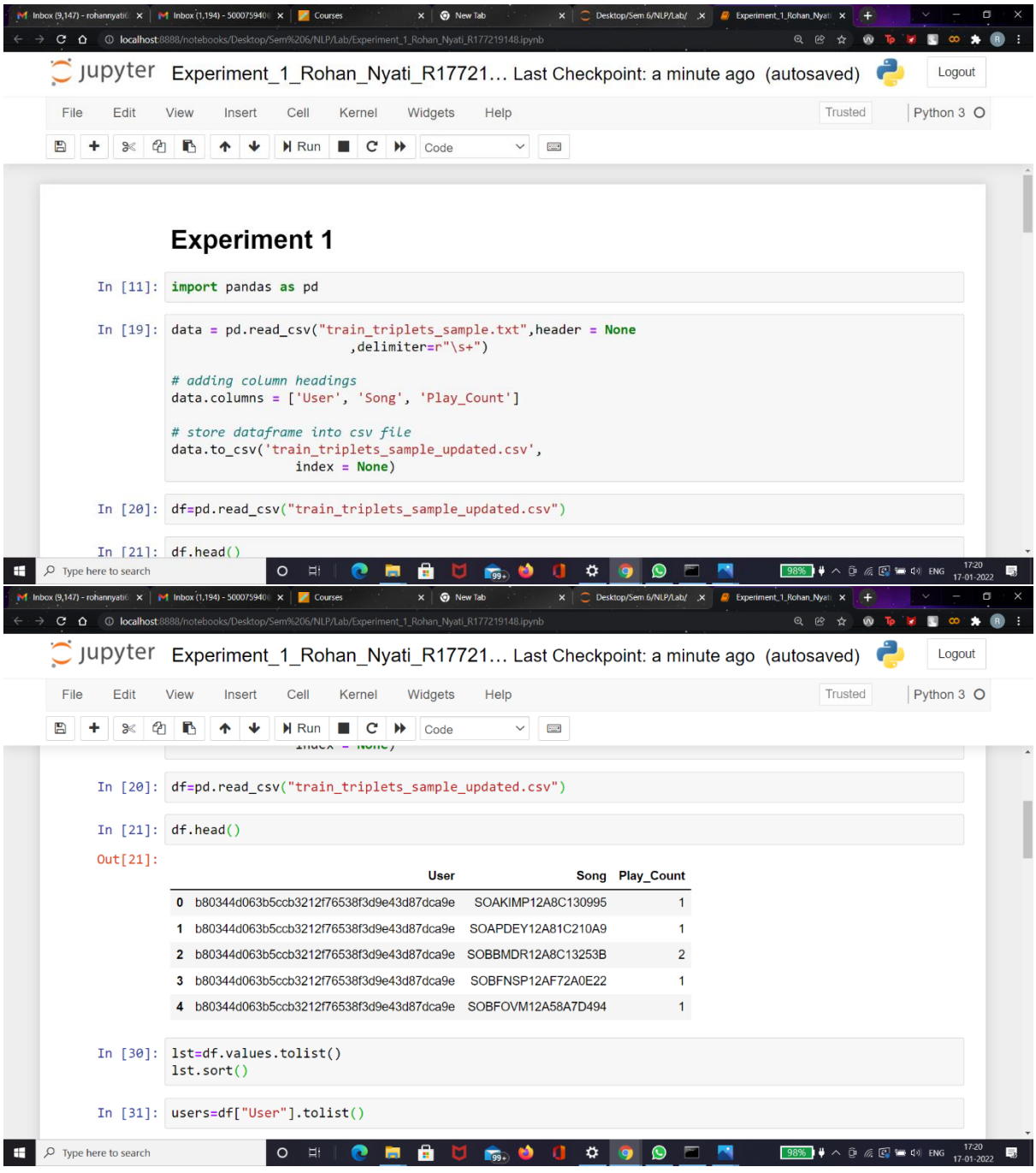
Rohan Nyati

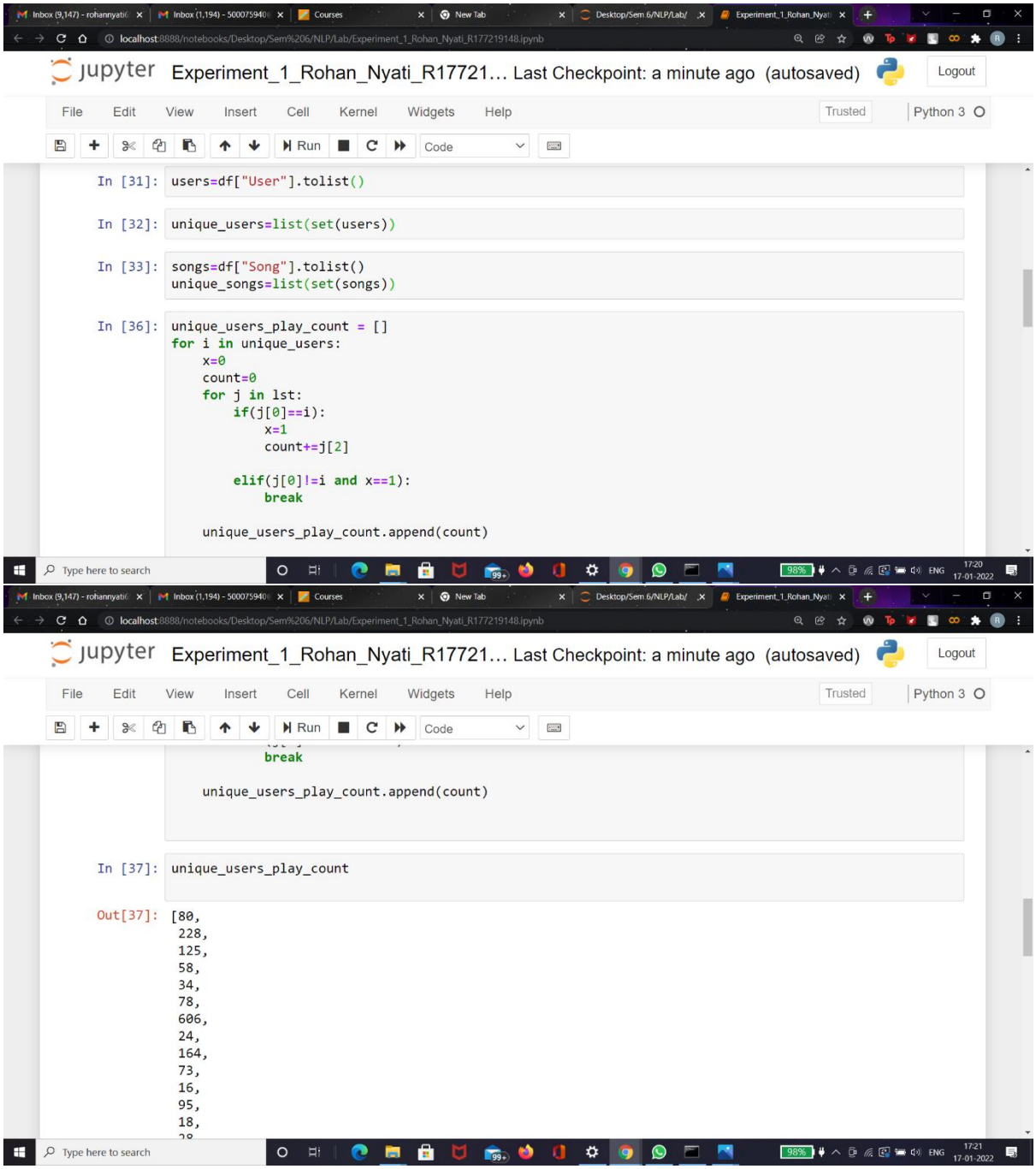
500075940

R177219148

Batch – 5 (Ai & Ml)

Experiment – 1




jupyter Experiment_1_Rohan_Nyati_R17721… Last Checkpoint: a minute ago (autosaved)
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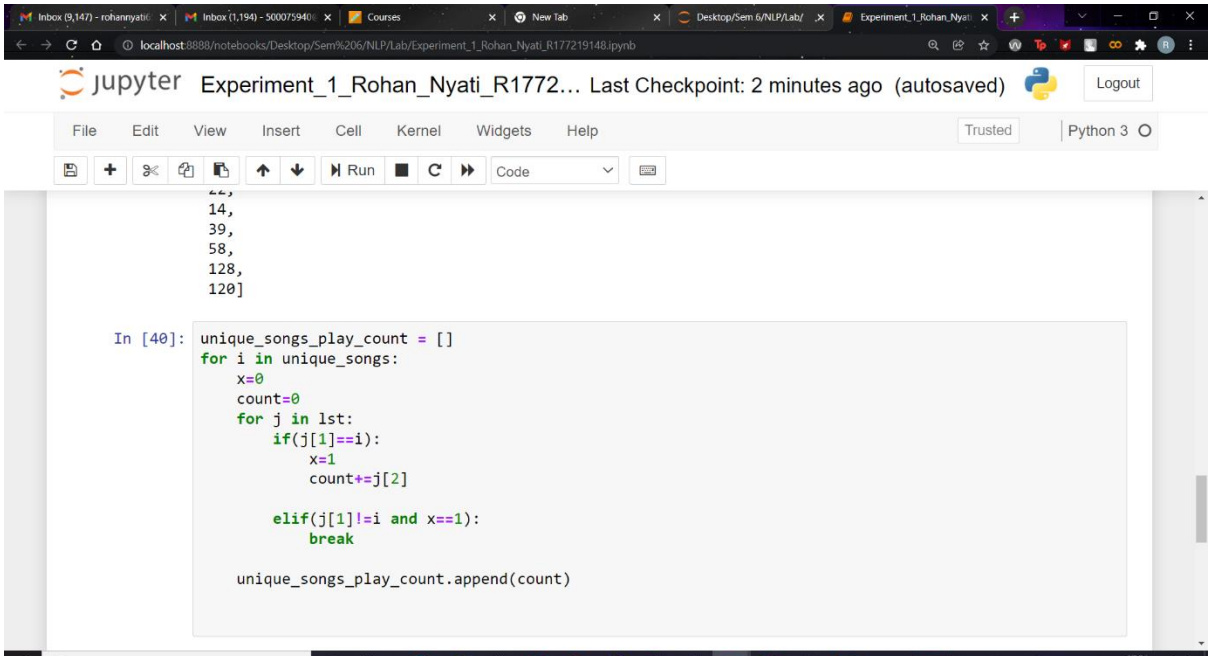
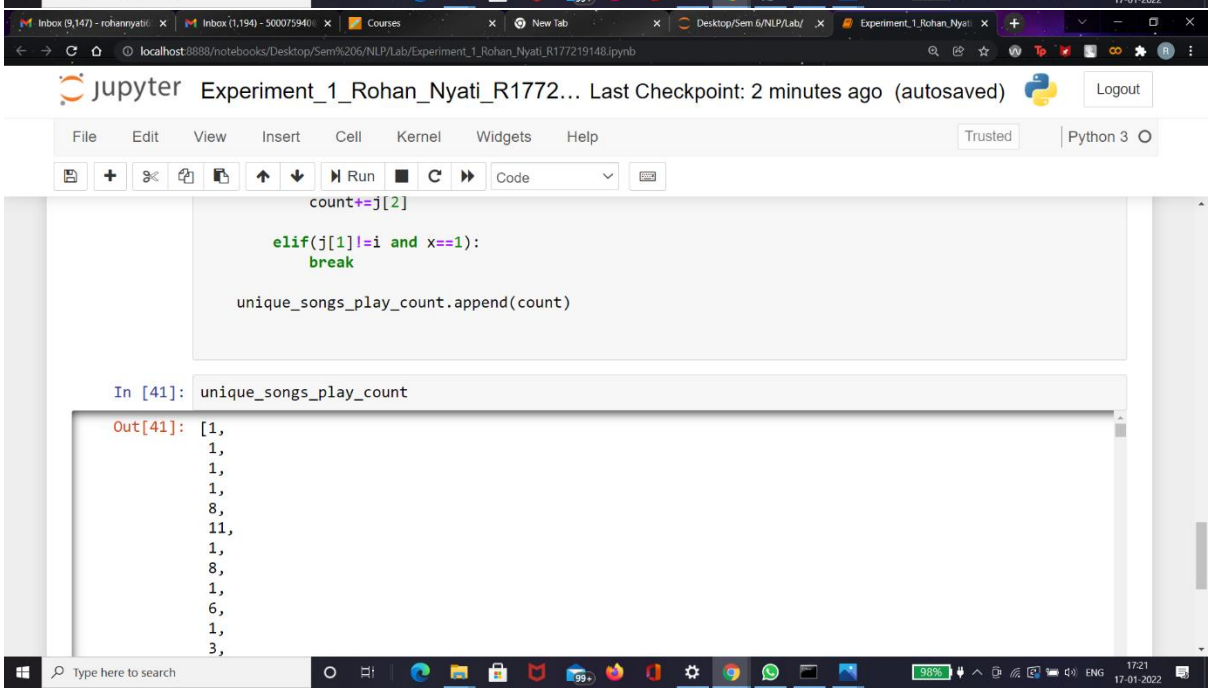
Python 3
Run
Code
In [31]:
users=df["User"].tolist()
In [32]:
unique_users=list(set(users))
In [33]:
songs=df["Song"].tolist()
unique_songs=list(set(songs))
In [36]:
unique_users_play_count = []
for i in unique_users:
x=0
count=0
for j in lst:
if(j[0]==i):
x=1
count+=j[2]
elif(j[0]!=i and x==1):
break
unique_users_play_count.append(count)
In [37]:
unique_users_play_count
Out[37]:
[80,
228,
125,
58,
34,
78,
606,
24,
164,
73,
16,
95,
18,


jupyter
Experiment_1_Rohan_Nyati_R1772... Last Checkpoint: 2 minutes ago (autosaved)
Logout
File Edit View Insert Cell Kernel Widgets Help
Trusted
Python 3
Run
Code
14,
39,
58,
128,
120]
In [40]:
unique_songs_play_count = []
for i in unique_songs:
x=0
count=0
for j in lst:
if(j[1]==i):
x=1
count+=j[2]
elif(j[1]!=i and x==1):
break
unique_songs_play_count.append(count)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Experiment_1_Rohan_Nyati_R1772... Last Checkpoint: 2 minutes ago (autosaved)
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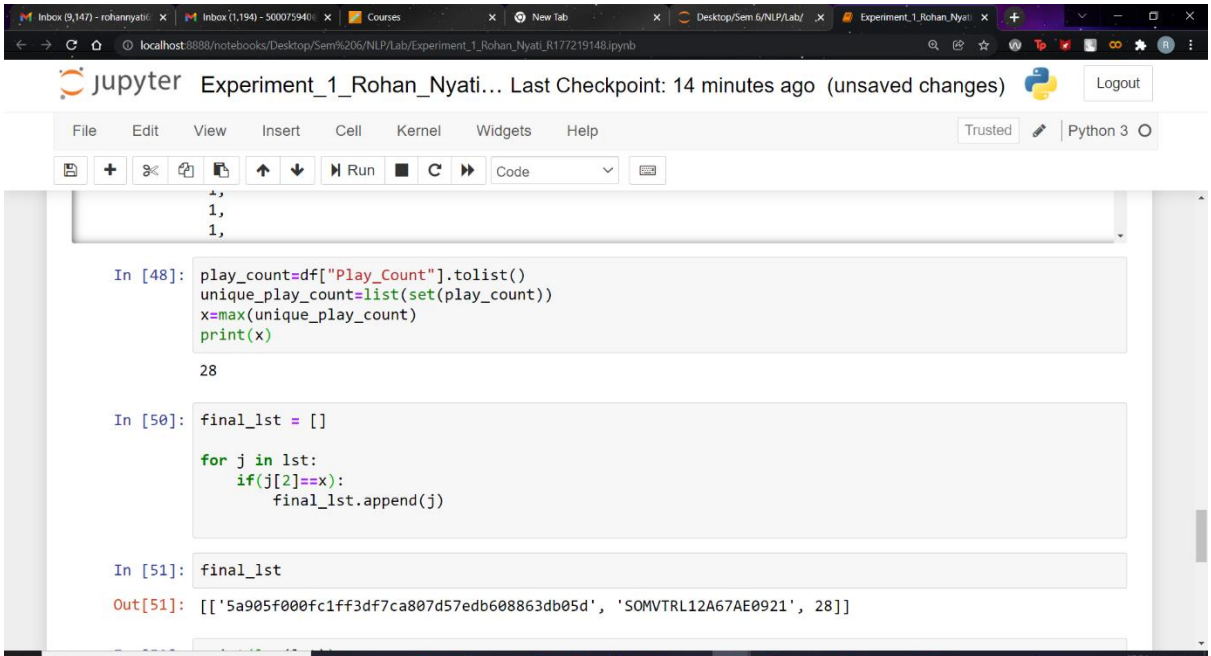
Trusted
Python 3
Run
Code
count+=j[2]
elif(j[1]!=i and x==1):
break
unique_songs_play_count.append(count)
In [41]:
unique_songs_play_count
Out[41]:
[1,
1,
1,
1,
8,
11,
1,
8,
1,
6,
1,
3,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Experiment_1_Rohan_Nyati... Last Checkpoint: 14 minutes ago (unsaved changes)
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Python 3
Run
Code
1,
1,
1,
In [48]:
play_count=df["Play_Count"].tolist()
unique_play_count=list(set(play_count))
x=max(unique_play_count)
print(x)
28
In [50]:
final_lst = []
for j in lst:
if(j[2]==x):
final_lst.append(j)
In [51]:
final_lst
Out[51]:
[['5a905f000fc1ff3df7ca807d57edb608863db05d', 'SOMVTRL12A67AE0921', 28]]
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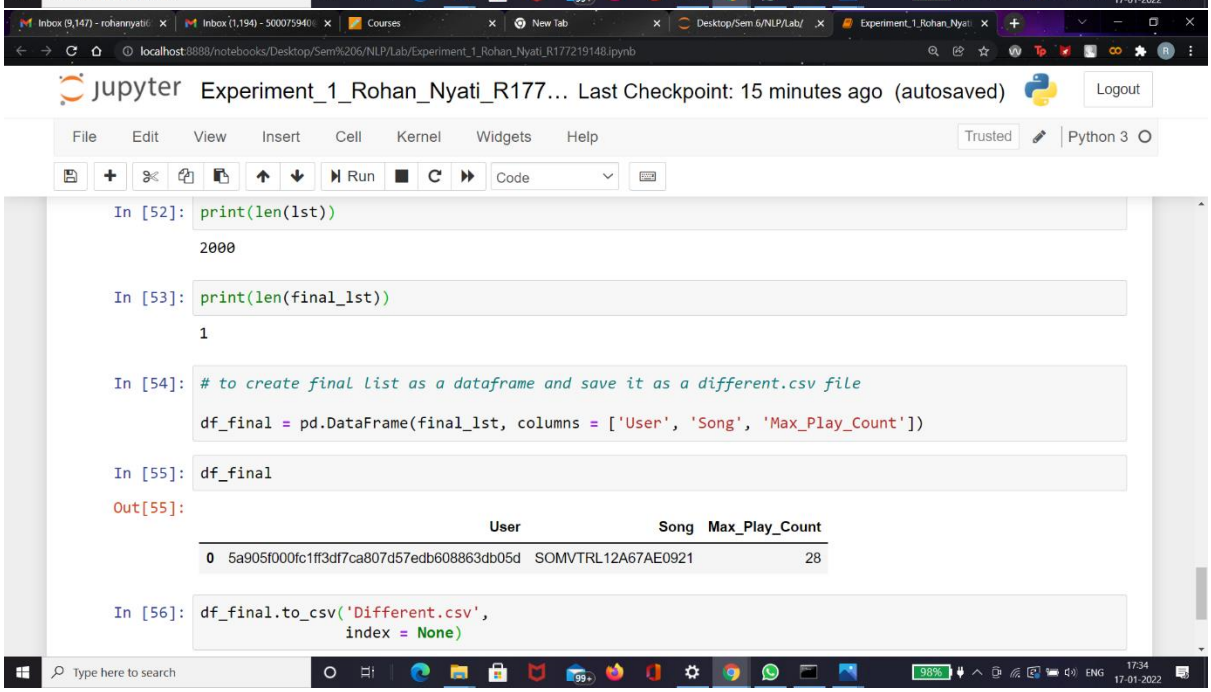
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Experiment_1_Rohan_Nyati_R177... Last Checkpoint: 15 minutes ago (autosaved)
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Python 3
Run
Code
In [52]:
print(len(lst))
2000
In [53]:
print(len(final_lst))
1
In [54]:
# to create final list as a dataframe and save it as a different.csv file
df_final = pd.DataFrame(final_lst, columns = ['User', 'Song', 'Max_Play_Count'])
In [55]:
df_final
Out[55]:
User Song Max_Play_Count
0 5a905f000fc1ff3df7ca807d57edb608863db05d SOMVTRL12A67AE0921 28
In [56]:
df_final.to_csv('Different.csv',
index = None)
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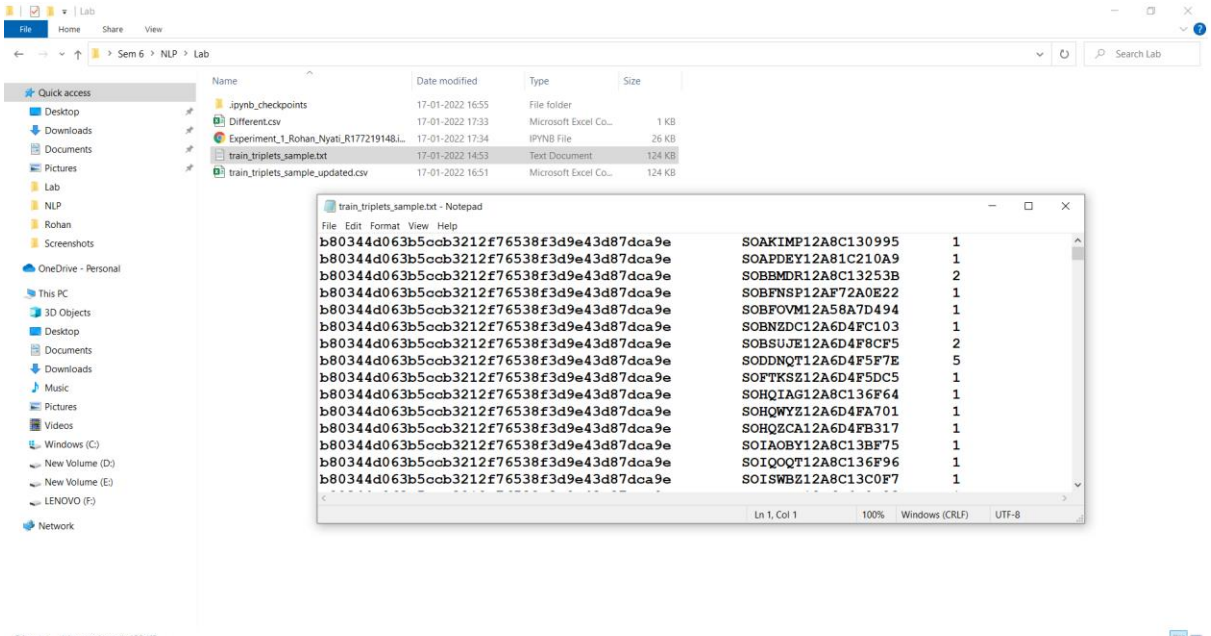
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Different.csv 17-01-2022 17:33 Microsoft Excel Co... 1 KB
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train_triplets_sample.txt 17-01-2022 14:53 Text Document 124 KB
train_triplets_sample_updated.csv 17-01-2022 16:51 Microsoft Excel Co... 124 KB
train_triplets_sample.txt - Notepad
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b80344d063b5ccb3212f76538f3d9e43d87dca9e SOAKIMP12A8C130995 1
b80344d063b5ccb3212f76538f3d9e43d87dca9e SOAPDEY12A81C210A9 1
b80344d063b5ccb3212f76538f3d9e43d87dca9e SOBBMDR12A8C13253B 2
b80344d063b5ccb3212f76538f3d9e43d87dca9e SOBFNSP12AF72A0E22 1
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b80344d063b5ccb3212f76538f3d9e43d87dca9e SOBSUJE12A6D4F8CF5 2
b80344d063b5ccb3212f76538f3d9e43d87dca9e SODDNQT12A6D4F5F7E 5
b80344d063b5ccb3212f76538f3d9e43d87dca9e SOFTKSZ12A6D4F5DC5 1
b80344d063b5ccb3212f76538f3d9e43d87dca9e SOHQIAG12A8C136F64 1
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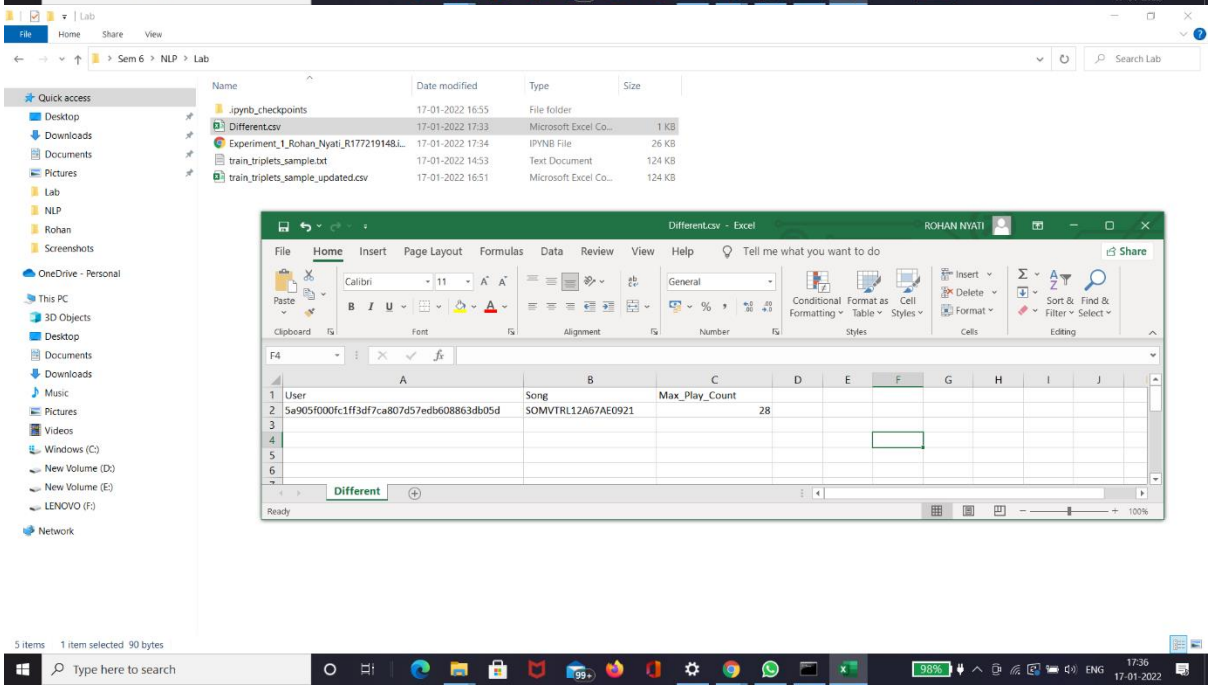
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New Volume (E:)
LENOVO (F:)
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Experiment_1_Rohan_Nyati_R177219148.i... 17-01-2022 17:34 IPYNB File 26 KB
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train_triplets_sample_updated.csv 17-01-2022 16:51 Microsoft Excel Co... 124 KB
Different.csv - Excel
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Find & Select
Clipboard
Font
Alignment
Number
Styles
Cells
Editing
F4
A B C D E F G H I J
1 User Song Max_Play_Count
2 5a905f000fc1ff3df7ca807d57edb608863db05d SOMVTRL12A67AE0921 28
3
4
5
6
Different
Ready
100%
5 items 1 item selected 90 bytes
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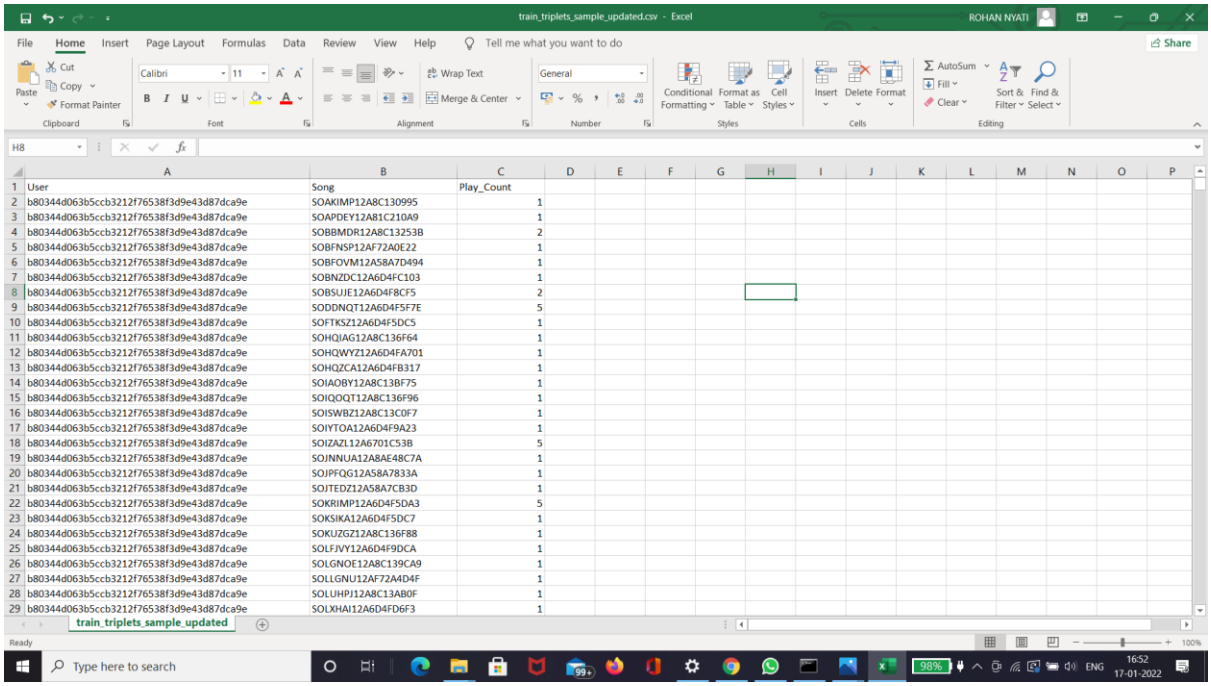

	A	B	C
1	User	Song	Play_Count
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3	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOAPDEY12A81C210A9	1
4	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOBBMDR12A8C13253B	2
5	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOBFNSP12AF72A0E22	1
6	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOBFOVM12A58A7D494	1
7	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOBNZDC12A6D4FC103	1
8	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOBSUJE12A6D4F8CF5	2
9	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SODDNQT12A6D4F5F7E	5
10	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOFTKSZ12A6D4F5DC5	1
11	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOHQIAG12A8C136F64	1
12	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOHQWYZ12A6D4FA701	1
13	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOHQZCA12A6D4FB317	1
14	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOIAOBY12A8C13BF75	1
15	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOIQOQT12A8C136F96	1
16	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOISWBZ12A8C13C0F7	1
17	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOIYTOA12A6D4F9A23	1
18	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOIZAZL12A6701C53B	5
19	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOJNNUA12A8AE48C7A	1
20	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOJPFQG12A58A7833A	1
21	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOJTEDZ12A58A7CB3D	1
22	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOKRIMP12A6D4F5DA3	5
23	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOKSIKA12A6D4F5DC7	1
24	b80344d063b5ccb3212f76538f3d9e43d87dca9e	SOKUZGZ12A8C136F88	1
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