

```
1 # %%
2 import sqlite3
3 import glob
4 import pandas as pd
5
6 # %%
7 file_extension = ".csv"
8
9 # %%
10 all_filenames = [i for i in glob.glob(f"*{file_extension}")]
11
12 # %%
13 print(all_filenames)
14
15 # %%
16 df1 = pd.read_csv('shipping_data_0.csv')
17 df2 = pd.read_csv('shipping_data_1.csv')
18 df3 = pd.read_csv('shipping_data_2.csv')
19
20 # %%
21 df1.head()
22
23 # %% [markdown]
24 #
25
26 # %%
27 df2.head()
28
29 # %%
30 df3.head()
31
32 # %%
33 df_comb23 = pd.merge(df2, df3, how='inner', on = 'shipment_identifier')
34 print(df_comb23)
35 df_final = pd.merge(df1, df_comb23, how = 'outer')
36 df_final
37
38 # %%
39 con = sqlite3.connect('shipment_database.db')
40 cur = con.cursor()
41
42
43 # %%
44 # Create table
45 cur.execute('''CREATE TABLE shipment(origin_warehouse text, destination_store
text, product text, on_time boolean, product_qty real, driver_identifier text,
shipment_identifier text)''')
46
47
48 # %%
49 # Insert row of data from dataframe (row by row method)
50 for row in df_final.itertuples():
51     insert_sql = f"INSERT INTO shipment (origin_warehouse, destination_store,
product, on_time, product_qty, driver_identifier, shipment_identifier) VALUES
('{row[1]}', '{row[2]}', '{row[3]}', '{row[4]}', '{row[5]}', '{row[6]}',
'{row[7]}')"
52     cur.execute(insert_sql)
53
54
```

```
55 # %%  
56 con.commit()  
57  
58  
59
```