

Concatenate and Merge to Find Common Songs

Correct Python Code for the Task:

```
# Concatenate the classic tables vertically
classic_18_19 = pd.concat([classic_18, classic_19], ignore_index=True)

# Concatenate the pop tables vertically
pop_18_19 = pd.concat([pop_18, pop_19], ignore_index=True)

# Merge classic_18_19 with pop_18_19
classic_pop = classic_18_19.merge(pop_18_19, on='tid')

# Using .isin(), filter classic_18_19 rows where tid is in classic_pop
popular_classic = classic_18_19[classic_18_19['tid'].isin(classic_pop['tid'])]

# Print popular chart
print(popular_classic)
```

Explanation of the Code

1. Concatenate the `classic_18` and `classic_19` tables into a single DataFrame called `classic_18_19`.
The `ignore_index=True` parameter resets the index of the resulting DataFrame.
2. Similarly, concatenate `pop_18` and `pop_19` into `pop_18_19`.
3. Perform an inner merge of `classic_18_19` and `pop_18_19` on the column `tid`. The result is stored in `classic_pop`.
4. Use the `.isin()` method to filter rows from `classic_18_19` where the `tid` values are present in `classic_pop`.
5. Finally, print the `popular_classic` DataFrame to display the most popular classical songs.