

# COMP4433 Quiz 1

Deadline to submit your answers: 3:30pm 3 Oct 2023

Hi, Fu Lai Korris. When you submit this form, the owner will see your name and email address.

1. Which of the following statements about sequence and itemset is true? (Pick the best answer)



- ☐ frequent sequence contains frequent itemset
- ☐ frequent sequence can contain another frequent sequence
- ☐ infrequent sequence contains frequent itemset
- ☒ All of the above
- ☐ Both of the first and the second statements are true

Any subsequence of a frequent sequence must be frequent, include 1-sequence which is an itemset. A valid sequence contains frequent itemset(s) but it can be infrequent after database scan check.

Both "All of the above" and "Both of...true" are counted as correct.

2. Which of the following statement is true? (Pick the best answer)



- ☒ sequence <B F K C> can involve more than 4 items
- ☐ itemset {B, F, K, C} can have more than 4 items
- ☐ All of the above
- ☐ None of the above

Here, B F K C are itemsets which can involve multiple items.

Here, B F K C are items only.

3. Which of the following is true? (Pick the best answer)



- ☐ frequent sequence <B F K C> guarantees frequent sequence <B F K>
- ☐ frequent sequence <B F K C> guarantees frequent sequence <B>
- ☐ frequent sequence <B F K C> guarantees frequent sequence <F C>
- ☒ All of the above
- ☐ None of the above

All apply the Apriori principle. <B F K>, <B> and <F C> are subsequence of <B F K C>

## Some statistics for your reference:

### COMP4433 Quiz 1

144

Responses


24:07

Average time to complete

Active

Status

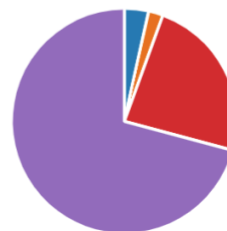
[View results](#)

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1. Which of the following statements about sequence and itemset is true? (Pick the best answer)

[More Details](#)

- ☐ frequent sequence contains freq... 5
- ☐ frequent sequence can contain ... 3
- ☐ infrequent sequence contains fr... 0
- ☐ All of the above 34
- ☐ Both of the first and the second ... 102



2. Which of the following statement is true? (Pick the best answer)

[More Details](#)

 Insights

- ☐ sequence <B F K C> can involve... 71
- ☐ itemset {B, F, K, C} can have mor... 3
- ☐ All of the above 10
- ☐ None of the above 60



3. Which of the following is true? (Pick the best answer)

[More Details](#)

- ☐ frequent sequence <B F K C> g... 10
- ☐ frequent sequence <B F K C> g... 6
- ☐ frequent sequence <B F K C> g... 0
- ☐ All of the above 117
- ☐ None of the above 11

