7.1. Sequential Pattern and Sequential Pattern Mining

In-Lecture Question

Question

For the given sequence database, which of the following is not a subsequence of any sequences in the database?

- ❑ <accc>
- ❑ <aa(bc)>
- ❑ <f(ba)fb>
- ❑ <abcd>

SID	Sequence
10	<a(abc)(ac)d(cf)>
20	<(ad)c(bc)(ae)>
30	<(ef)(ab)(df)cb>
40	<eg(af)cbc>

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- ❑ **Answer:** <aa(bc)>

- ❑ <accc> is a subsequence of SID-10.
- ❑ <f(ba)fb> is a subsequence of SID-30. The order of items within an element does not matter.
- ❑ <abcd> is a subsequence of SID-10.