COMP4433 Mock Quiz (Non-sequential ARM)

Deadline to submit your answers: 3:30pm 19 Sept 2023

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

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

   ○ a frequent itemset contains 1 frequent item only

   ◉ frequent 3-itemset {B, G, R} contains 3 frequent items

   ○ frequent 4-itemset {B, G, R, Z} contains 14 frequent k-itemsets for k=1 to 4

   ○ All of the above

   ○ None of the above

   > Frequent 3-itemset {B, G, R} has the following frequent itemsets.
   > 1-itemsets: {B}, {G} and {R}.
   > 2-itemsets: {B, G}, {B, R} and {G, R}.
   > 3-itemsets: {B, G, R}

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

   ○ a candidate 4-itemset {B F K C} is valid when {B F K}, {F K C} and {B K C} are frequent

   ○ a candidate 4-itemset {B F K C} is frequent when {B F K}, {F K C} and {B K C} are frequent

   ◉ a frequent 4-itemset {B F K C} may generate 14 associate rules

   ○ None of the above

   > The non-empty subsets of {B F K C} for LHS includes:
   > 4 1-itemsets
   > 6 2-itemsets
   > 4 3-itemsets
   > Altogether 14 rules.

3. Which of the following candidate k-itemset can be generated by frequent (k-1)-itemsets {Z P A} and {P A X}? (Pick the best answer)

   ○ {A P Z X} if {A X Z} is also frequent

   ○ {Z P A X} if {P X Z} is also frequent

   ○ All of the above

   ◉ None of the above

   > {A P X Z} if both {A X Z} and {P X Z} are also frequent. So, none of the above.

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93	35:45	Active
Responses	Average time to complete	Status

View results   X∄ Open in Excel ...

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

More Details

- 🔵 a frequent itemset contains 1 fr...   3
- 🟠 frequent 3-itemset {B, G, R} cont...   26
- 🟢 frequent 4-itemset {B, G, R, Z} c...   13
- 🔴 All of the above   30
- 🟣 None of the above   21

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

More Details

- 🔵 a candidate 4-itemset {B F K C} i...   30
- 🟠 a candidate 4-itemset {B F K C} i...   25
- 🟢 a frequent 4-itemset {B F K C} m...   25
- 🔴 None of the above   12

3. Which of the following candidate k-itemset can be generated by frequent (k-1)-itemsets {Z P A} and {P A X}? (Pick the best answer)

More Details

- 🔵 {A P Z X} if {A X Z} is also frequent   7
- 🟠 {Z P A X} if {P X Z} is also frequent   14
- 🟢 All of the above   39
- 🔴 None of the above   33