Information Integration - Quiz

9/9 得分（100%)

继续课程

返回第 #3 周课程

✔ 1 / 1 分

1。
What is the main problem with big data information integration?

◉ Many sources

正确

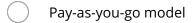○ Probabilistic Schema Mapping

○ Pay-as-you-go model

○ Mediated Schema

✔ 1 / 1 分

2。
What would be the two possible solutions associated with "big data" information integration as mentioned in lecture? (Choose 2)

☐ Attribute Grouping

▲

未选择的是正确的

☐ Customer Transactions

▲

未选择的是正确的

☑ Pay-as-you-go Model

▲

正确

☐ Mediated Schema

▲

未选择的是正确的

☑ Probabilistic Schema Mapping

▲

正确

✔ 1 / 1 分

3。
What are mediated schemas?

○ Schemas created entirely from attribute grouping.

○ A type of probabilistic schema mapping.

● Schema created from integrating two or more schemas.

▲

正确

○ Schemas created from customer info.

✓ 1 / 1 分

4。

In attribute grouping, how would one evaluate if two attributes should go together? (Choose 2)

☐ Customer Interaction

未选择的是正确的

☑ Probability of Two Attributes Co-occurring.

正确

☑ Similarity of Attributes.

正确

☐ Candidate Designs

未选择的是正确的

☐ Integrated Views

未选择的是正确的

✓ 1 / 1 分

5。

What is a data item?

○ The real worth of a data value.

○ Data found in a customer transaction.

◉ Data that represents an aspect of a real-world entity.

正确

○ Data found in a mediated schema.

✔ 1 / 1 分

6。
What is data fusion?

⦿ Extracting the true value of a data item.

正确

○ Another term for customer analytics.

○ Extracting true sources from a data source.

○ Extracting a global value from a data source.

✔ 1 / 1 分

7。
What is a potential problem of having too many data sources as mentioned in lecture?

○ Schema mapping becomes impossible.

⦿ Too many data values.

正确

○ None, the problem is not a problem when using big data methodologies.

○ Too much data processing required for compression.

✓ 1 / 1 分

8。
What do we mean when we say "the true value of a data item"?

○ Another term for data fusion.

⦿ Extrapolated data from a data item that represents the worth of that item.

▲

正确
Good job! When the instructor mentioned Data Fusion around 1:15 in the Integration for Multichannel Customer Analytics. He talks about data fusion and how data items will provide a value. It is here that we learn about how there is true value hidden within data items. True value represents the actual thing you are trying to get out of a data item. Often times data items could be too messy or too complicated for any real meaning.

○ Data created from statistical estimations.

✓ 1 / 1 分

9。
What is a potential method to deal with too many data sources as mentioned in lecture?

○ Take less samples per tick.

○ Randomly select a sample of sources to represent the various data sources.

○ None, the more the better.

⦿ Compare and weigh each source by their trustworthiness.

▲

正确