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**VU Answer**

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List down the two ways to simplify the ER Model.

Answer ( [Please click here to Add Answer](#) )



§ Two general methods:  
§ De-Normalization  
§ Dimensional Modeling (DM)

List down any two advantages of applying “change data capture” technique in modern systems.

Answer ( [Please click here to Add Answer](#) )



**There are  
no procedural walls, and the data users capture data and retrieve makes the business to grow.**

“Splitting of single field” is one of the types of transformation. It is used to store individual components of names and addresses in separate fields in data warehouse. In your point of view, what are the benefits doing this?

Answer ( [Please click here to Add Answer](#) )



**The benefits of doing this is**  
**Joining of parts selected from many source systems**  
**is more widespread in the data warehouse environment.**

In your point of view what may be the possible reasons to perform conversion task during data transformation? Explain with an example.

Answer ( [Please click here to Add Answer](#) )



**This is an all-inclusive task. It includes a large variety of rudimentary conversions of single fields for two primary reasons (i) to standardize among the data extractions from disparate source systems, and (ii) to make the fields usable and understandable to the users.**

Identify the given statements as correct or incorrect and justify your answer in either case.

1. "Median is an example of Distributive Aggregate".
2. "With the help of "current value field" method we can track as many changes as we wish".

Answer ( [Please click here to Add Answer](#) )



1. **INCORRECT** because...

The holistic aggregates that give a complete picture of the data, such as median.

2. **CORRECT.**

Identify the given statements as correct or incorrect and justify your answer in either case.

1. "When attributes or records are missing in extracted data then the data is semantically dirty".
1. "Pattern-based data cleansing technique identify outlier fields and records using the values of Mean and Standard Deviation".

Answer ( [Please click here to Add Answer](#) )



1; INCORRECT... because when attributes or records are missing in extract data then the data is coverage Anomalies.  
2; INCORRECT...because Pattern-based: Identify outlier fields and records that do not conform to existing patterns in the data. Combined techniques (partitioning, classification, and clustering) are used to identify patterns that apply to most records.