

# DataEng S25 - Data Validation Quiz

Total points 26/31

The respondent's email (**arlyss@pdx.edu**) was recorded on submission of this form.

✓ Which of the following describes the situation in which data, stored for a relatively long period of time, spontaneously becomes incorrect? \*5/5

- ☐ data rick roll
- ☒ bit rot
- ☐ datakinesis
- ☐ spontaneous human combustion (SHC)



✓ If data is not validated then it probably has no errors \* 5/5

- ☐ True
- ☒ False



✓ Data Validation may occur at various stages of a data pipeline \* 5/5

- ☒ True
- ☐ False



✗ Data Validation usually dominates the performance of a data pipeline \* 0/5

☒ True



☐ False

#### Feedback

*Compared to the costs of transport and storage, data validation is usually relatively cheap and fast.*



Which of the following are types of data validation assertion \*

	Yes, that is a type of data validation assertion	No, that is not a type of data validation assertion	Score	
Existence assertion	<input checked="" type="radio"/>	<input type="radio"/>	1/1	✓
Empathetic assertion	<input type="radio"/>	<input checked="" type="radio"/>	1/1	✓
intra-record assertion	<input checked="" type="radio"/>	<input type="radio"/>	1/1	✓
Assertion assertion	<input type="radio"/>	<input checked="" type="radio"/>	1/1	✓
Limit assertion	<input checked="" type="radio"/>	<input type="radio"/>	1/1	✓
Statistical assertion	<input checked="" type="radio"/>	<input type="radio"/>	1/1	✓
inter-record assertion	<input checked="" type="radio"/>	<input type="radio"/>	1/1	✓
strong assertion	<input type="radio"/>	<input checked="" type="radio"/>	1/1	✓
Summary assertion	<input checked="" type="radio"/>	<input type="radio"/>	1/1	✓
Bloody assertion	<input type="radio"/>	<input checked="" type="radio"/>	1/1	✓
referential integrity assertion	<input checked="" type="radio"/>	<input type="radio"/>	1/1	✓

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Does this form look suspicious? [Report](#)

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