Your grade: 100%

Your latest: 100% • Your highest: 100% • To pass you need at least 70%. We keep your highest score.

Next item $\, \Rightarrow \,$

1.	Select the correct statement regarding Apache Airflow.			
	Apache Airflow tasks can be expressed as Python, but not Bash.			
	Apache Airflow represents the workflow in DAGs, but not in code.			
	Apache Airflow is a workflow orchestration tool.			
	Apache Airflow is a well-known commercial tool.			
	○ Correct Apache Airflow breaks down details of the workflow into tasks and dependencies.			
2.	What is the first stage of the ETL process?	1/1 point		
	○ Loading			
	Extraction			
	○ Transformation			
	○ Cleaning			
	○ Correct The ETL stages are Extraction, Transformation, and Loading.			
3.	Select the correct statement regarding batch processing.	1/1 point		
	Batch processing intervals can be triggered by events.			
	When an event of interest occurs, such as an intruder alert, the interval would be periodic.			
	Data is processed in batches, usually on a weekly schedule.			
	Batch processing triggers are rarely on demand.			
	 Correct Examples include when the data reaches a certain size, an event of interest occurs, or on demand. 			
4.	Bash uses to turn your file into a Bash shell script.	1/1 point		
	shebang	2/2/0		
	Oloadstat			
	Crontab			
	© getstat			
	Correct ETL pipelines can be built from basic Bash scripts. In the editor, type in the Bash shebang to turn your file into a Bash shell script.			
5.	SSIS, Amazon Redshift, IBM InfoSphere Information Server, and Oracle GoldenGate are examples of	1/1 point		
	O Popular open-source ELT tools			
	O Popular open-source ETL tools.			
	O Popular commercial ELT tools.			
	Popular commercial ETL tools.			

6.	ETL pipelines are frequently used to integrate data from disparate and usually systems within the enterprise. our simultaneous our siloed batched aggregating	1/1 point				
	✓ Correct The systems within the enterprise are usually separate, that is siloed.					
7.	Select the correct statement regarding ETL workflows as data pipelines. Bottlenecks within the pipeline can often be handled by anonymizing slower tasks.					
	 Data is fed through a data pipeline in large packets. Overall accuracy of the ETL workflow has been a more important requirement than speed. 					
	 With conventional ETL pipelines data is processed in real time. Correct Accuracy is valued over speed, although efficiency is usually an important factor in minimizing resource costs. 					
8.	 Which of these transformations is correctly described? Data Structuring: Fixing any errors or missing values Cleaning: merging disparate data sources Normalizing: Converting data to common units 					
	O Sorting: selecting only what is needed					
	Correct Cleaning is fixing errors. Sorting is order the data for searching. Data structuring is converting one data format to another.					
9.	Which of these is NOT an example of a system in the data load phase? A comma separated file	1/1 point				
	A data warehouse					
	O An Excel spreadsheet					
	A scanned medical document					
	 ✓ Correct A scanned medical document is an example of data in the Extraction phase. 					
10.	ETL jobs can be run on a schedule using o crontab loadstat shebang getstat	1/1 point				
	Correct ETL jobs can be run on a schedule using crontab. Open the crontab editor, schedule your job to run, for example, every minute of every day, close the editor, and save your edits.					

There are many commercial ETL tools available. These of some of the most well-known.