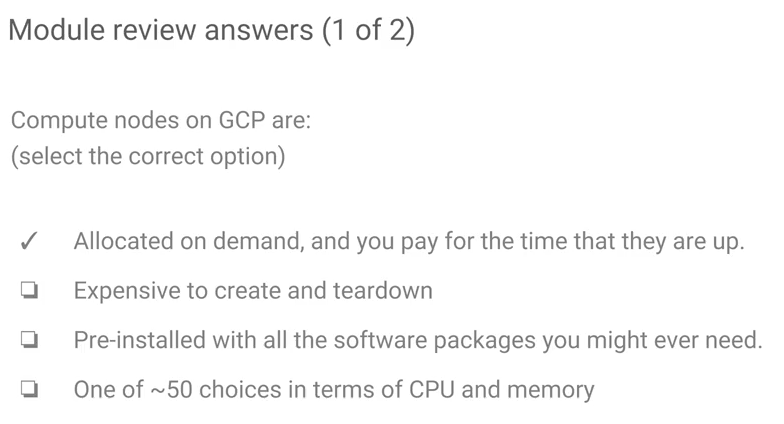
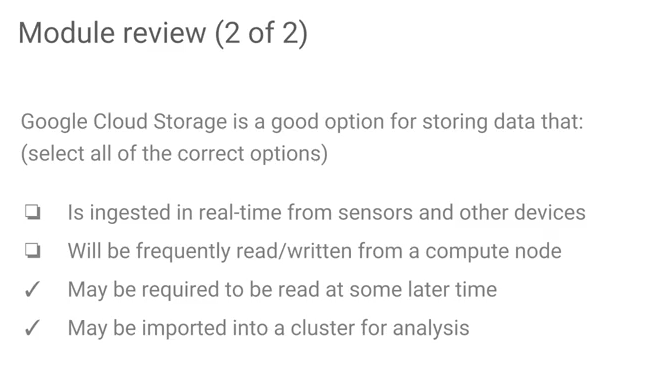
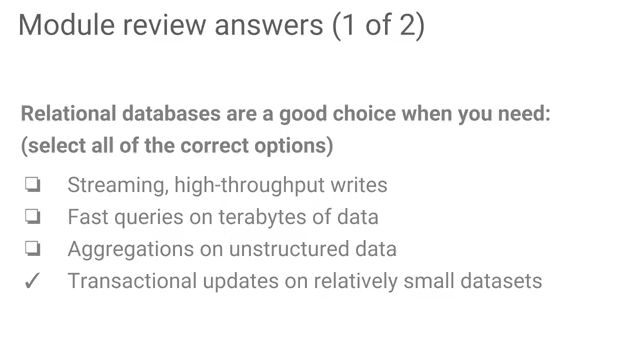
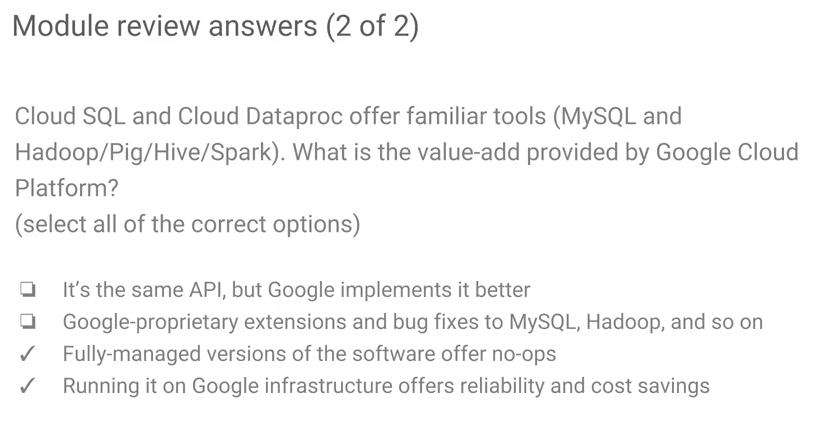
## Notes for GCP Data Engineer Exam Preparation

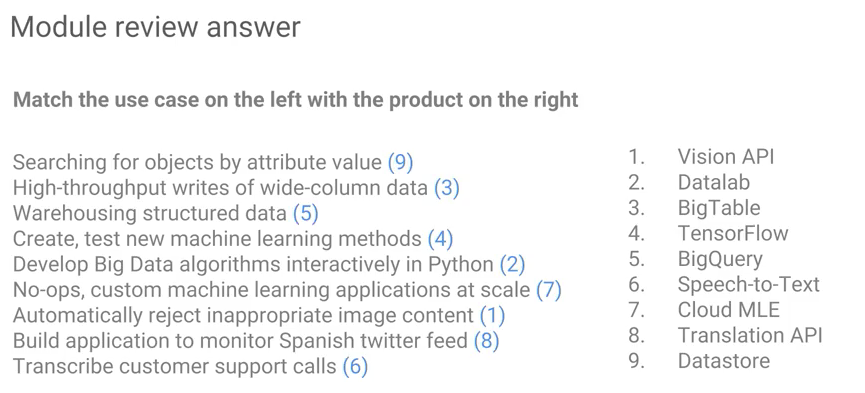
## 1 Google Cloud Platform Big Data and Machine Learning Fundamentals

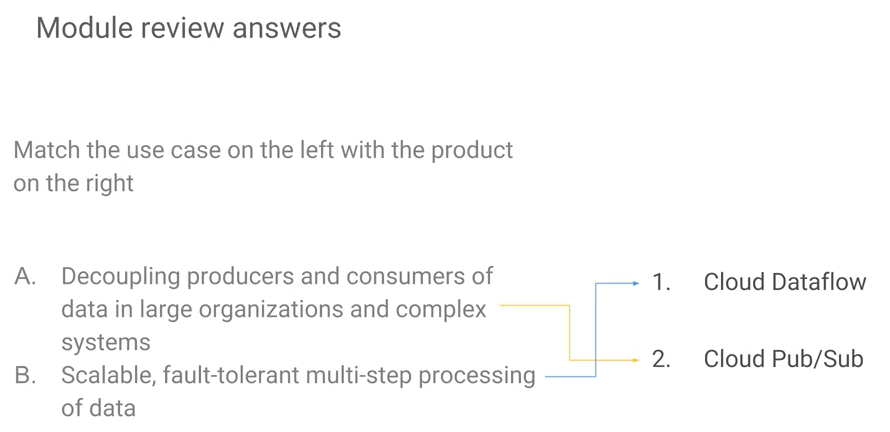




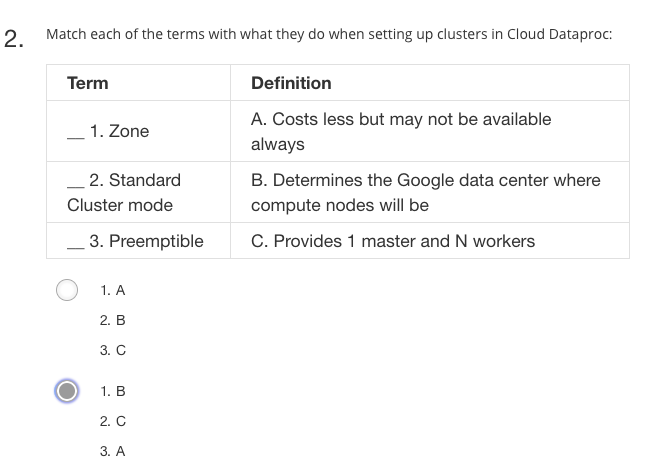
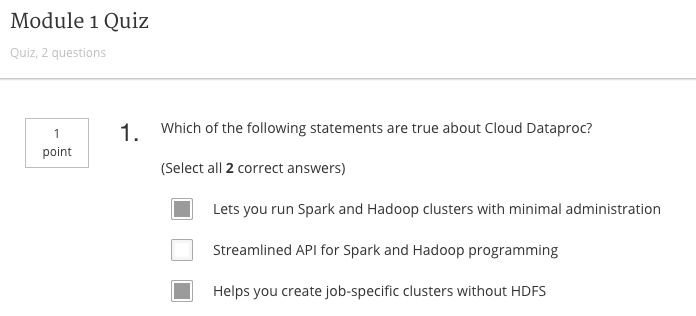


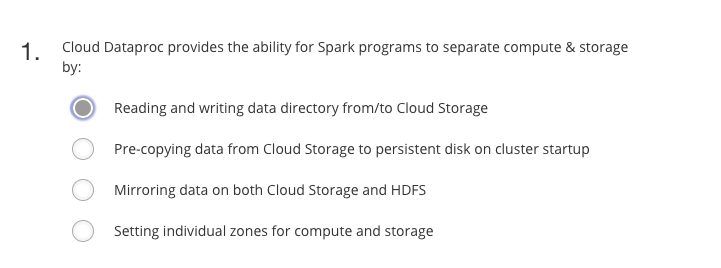


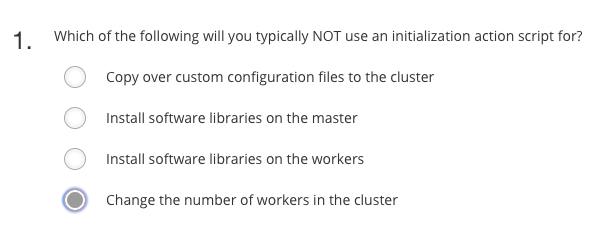


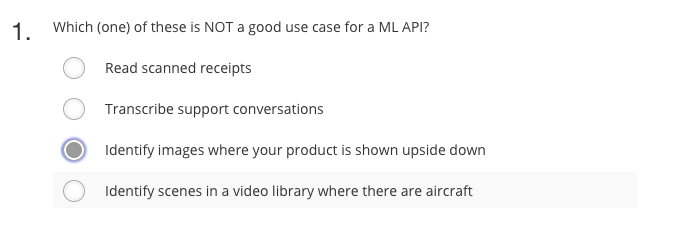


2 Leveraging Unstructured Data with Cloud Dataproc on Google Cloud Platform

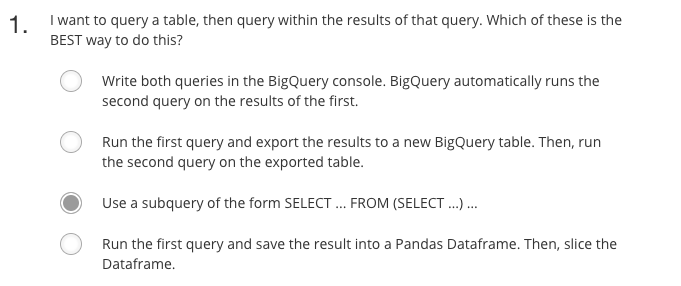


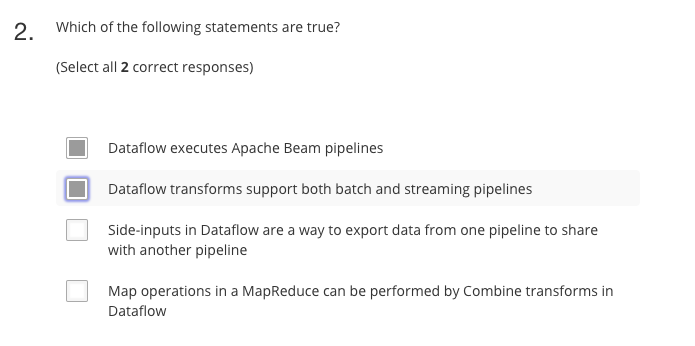


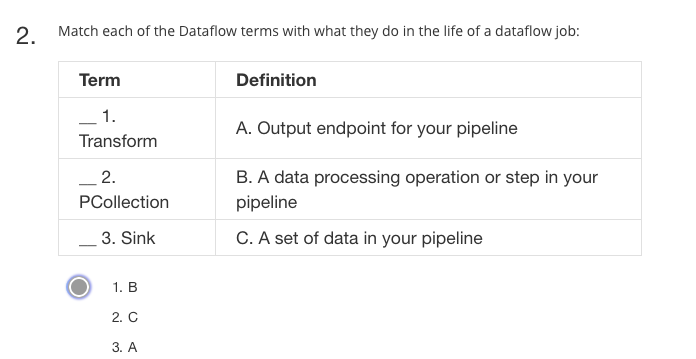




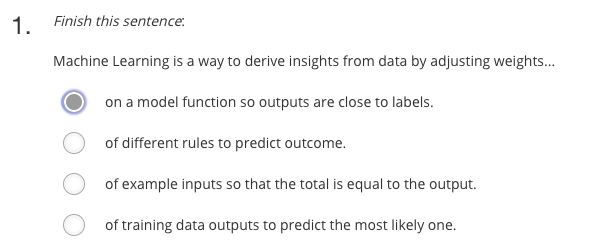
3 Serverless Data Analysis with Google BigQuery and Cloud Dataflow

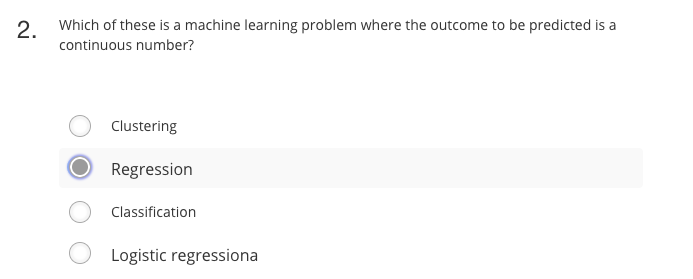


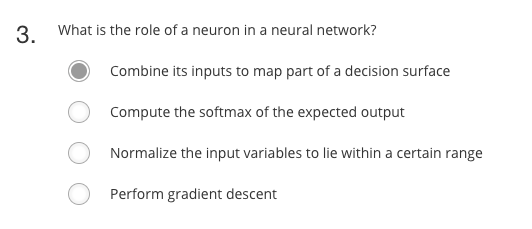


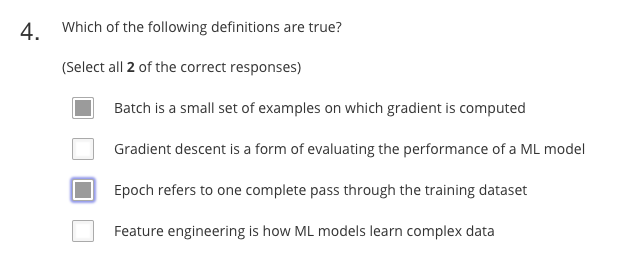


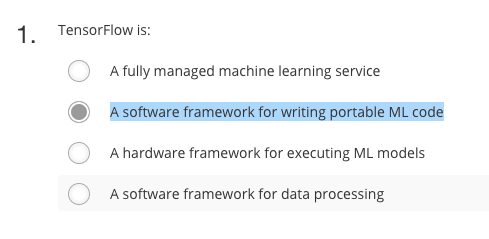
4 Serverless Machine Learning with Tensorflow on Google Cloud Platform

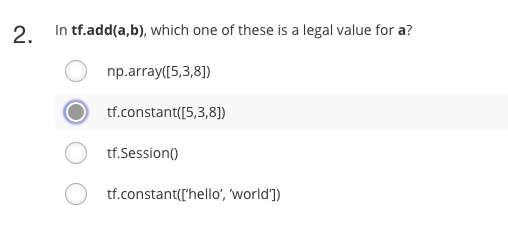


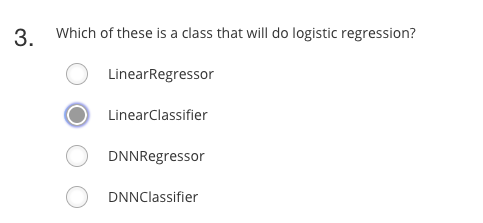


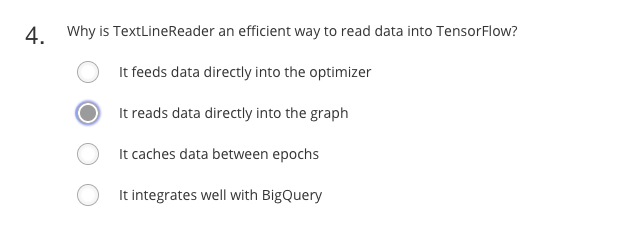


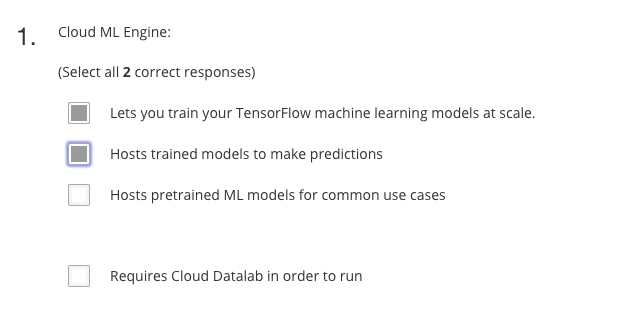


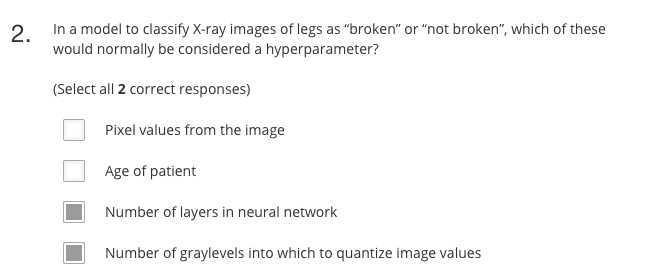


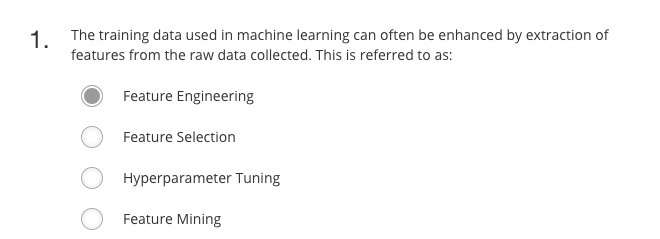


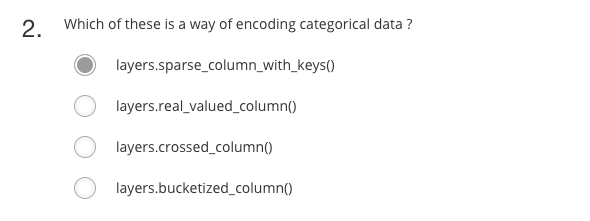


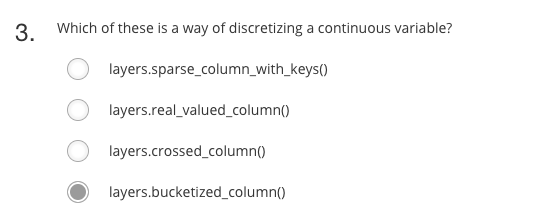




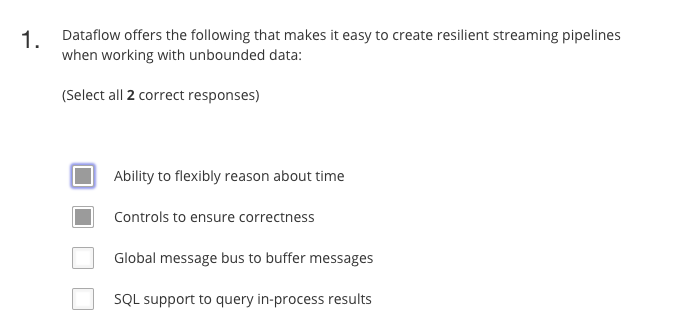
In [machine learning](https://en.wikipedia.org/wiki/Machine_learning), a **hyperparameter** is a [parameter](https://en.wikipedia.org/wiki/Parameter) whose value is set before the learning process begins. By contrast, the values of other parameters are derived via training.

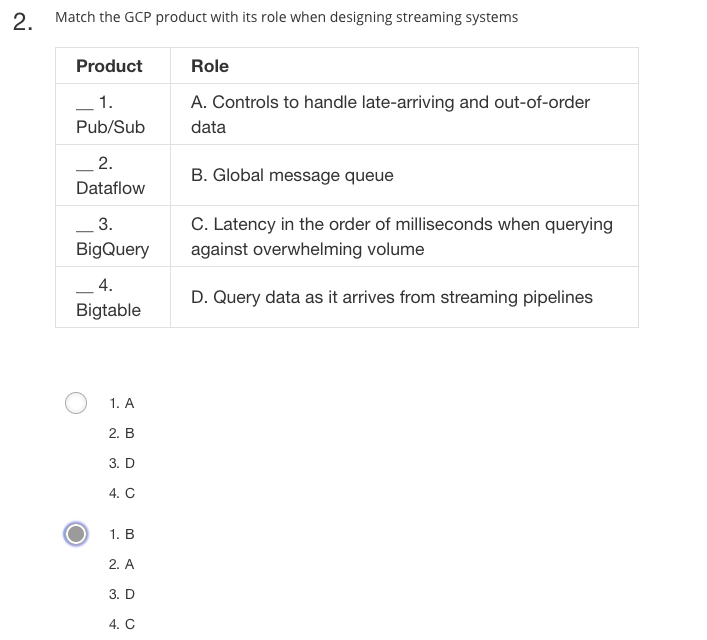


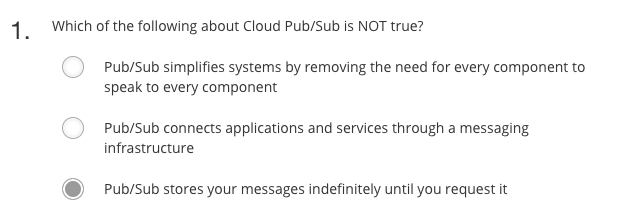


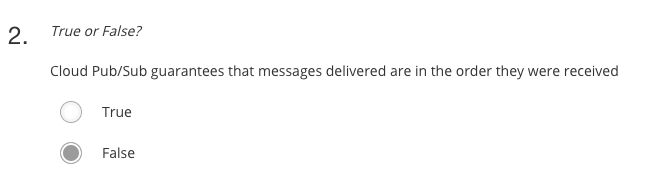


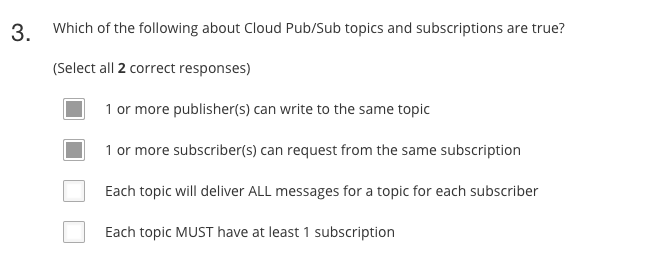
5 Building Resilient Streaming Systems on Google Cloud Platform

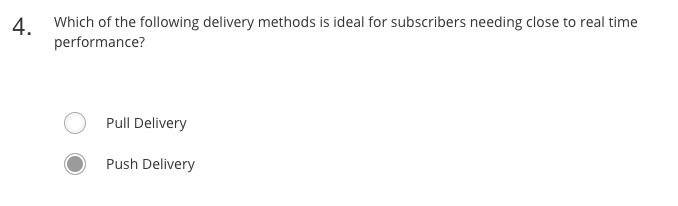


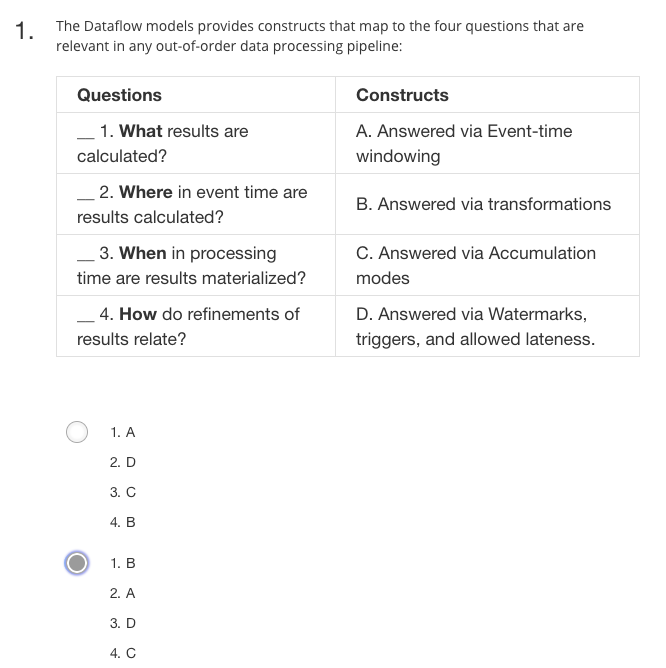


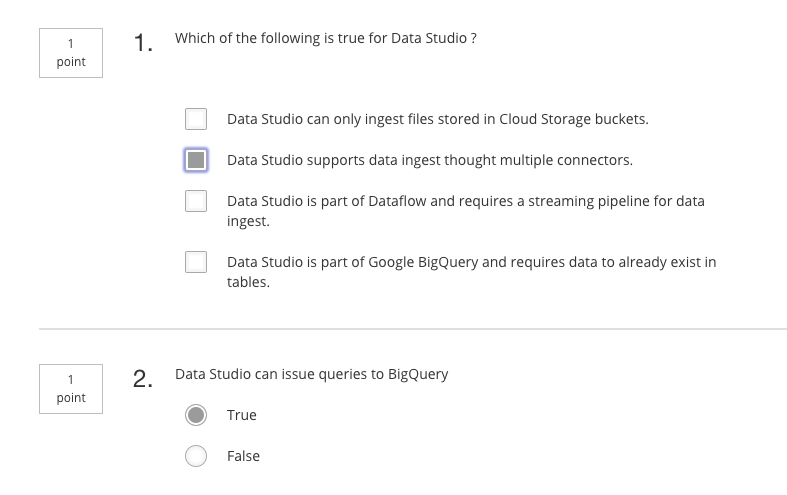


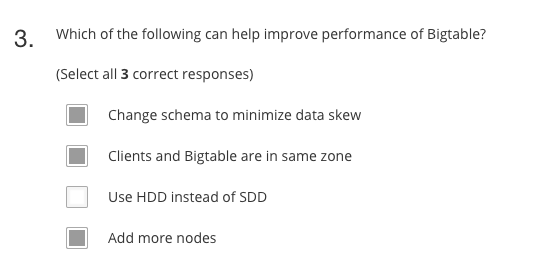
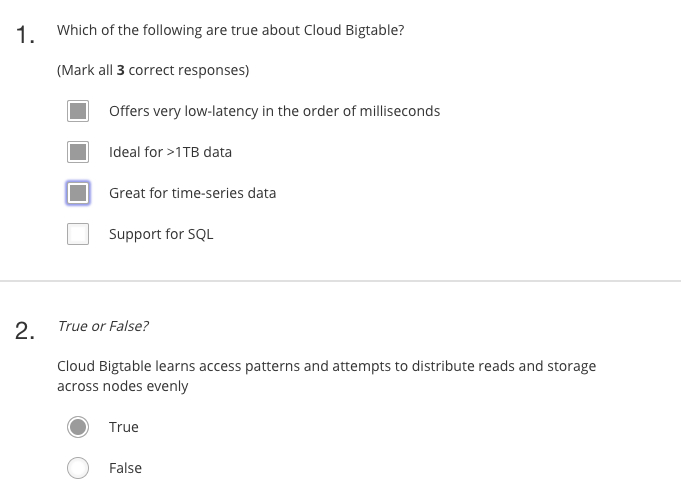






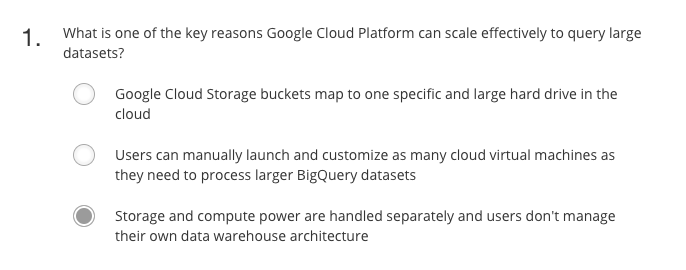


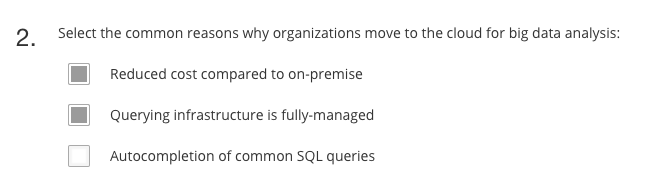


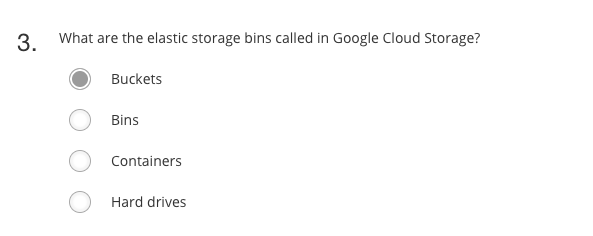


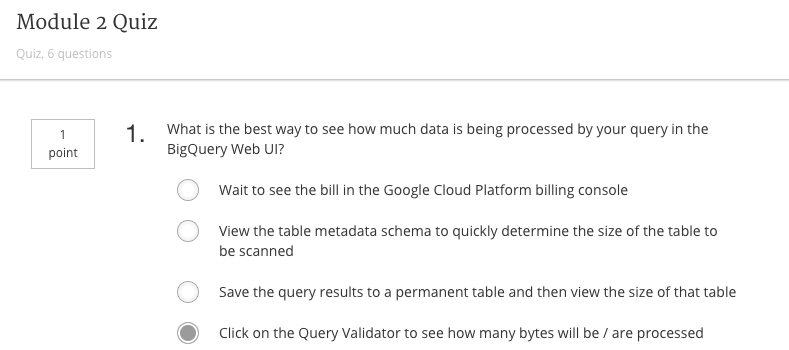
From Data to Insights with Google Cloud Platform Specialization

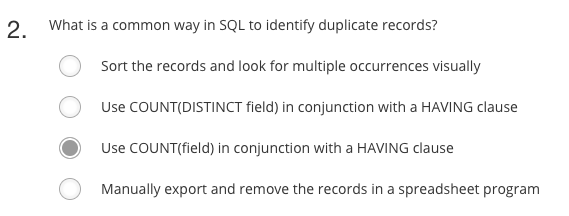
1 Exploring ​and ​Preparing ​your ​Data with BigQuery

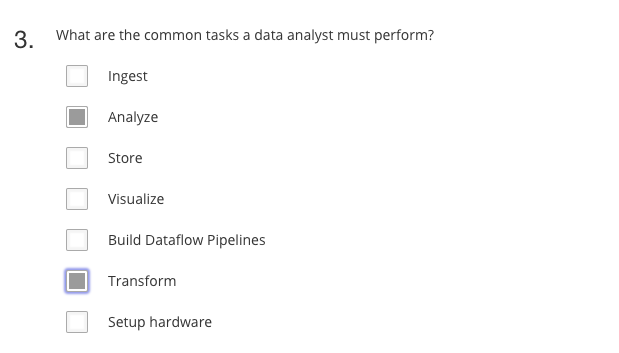


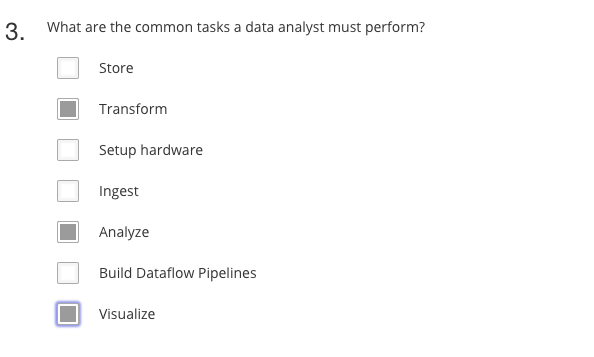






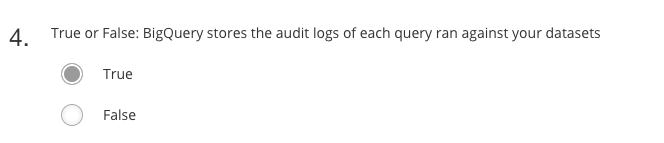


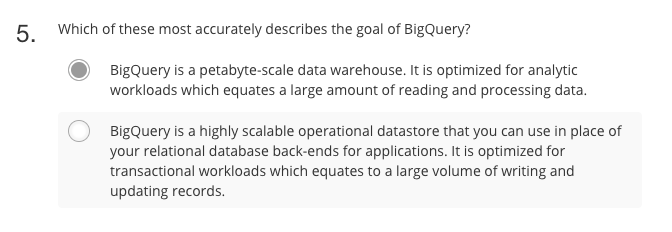


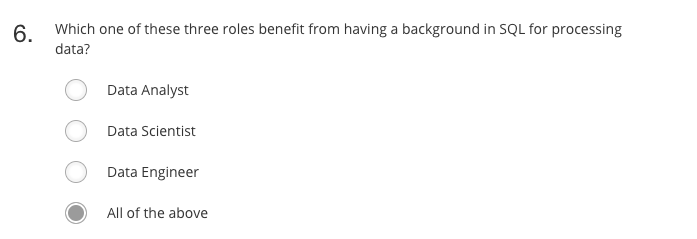


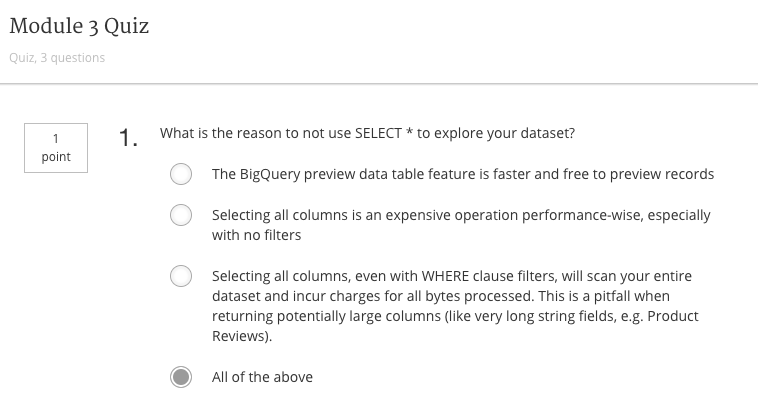
it is wrong

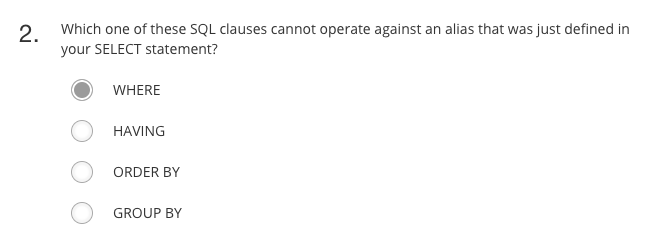
have to retake to see

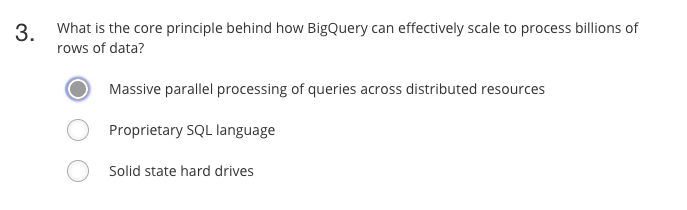


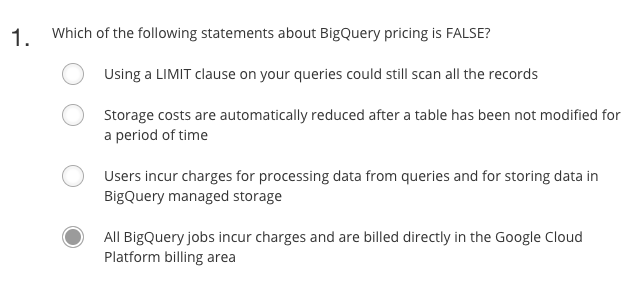


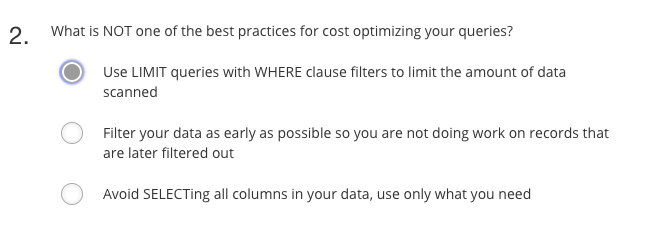


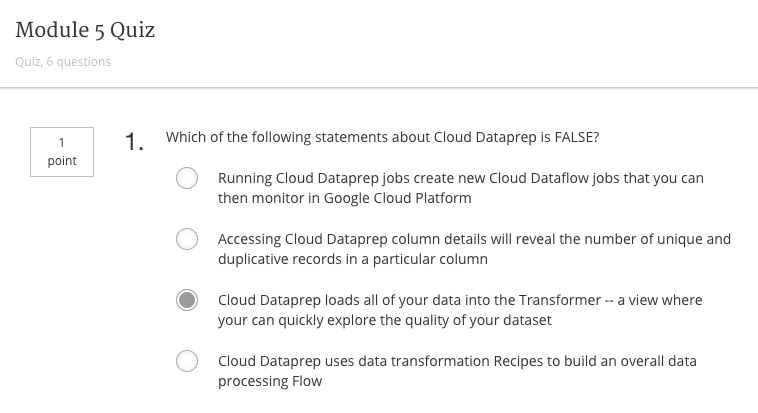


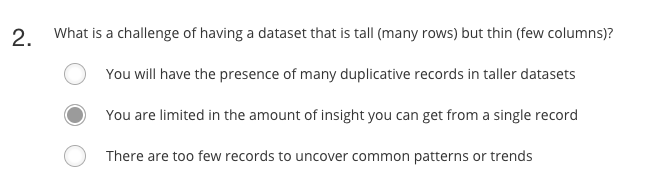


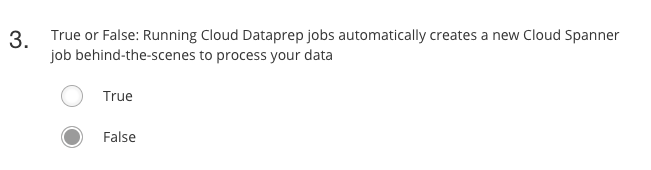


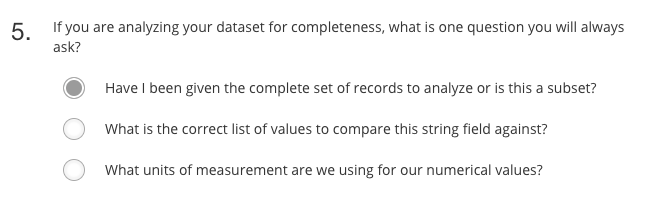
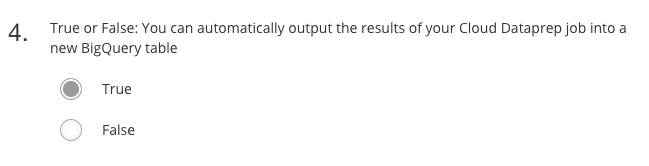


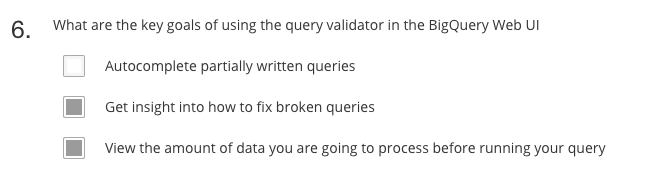




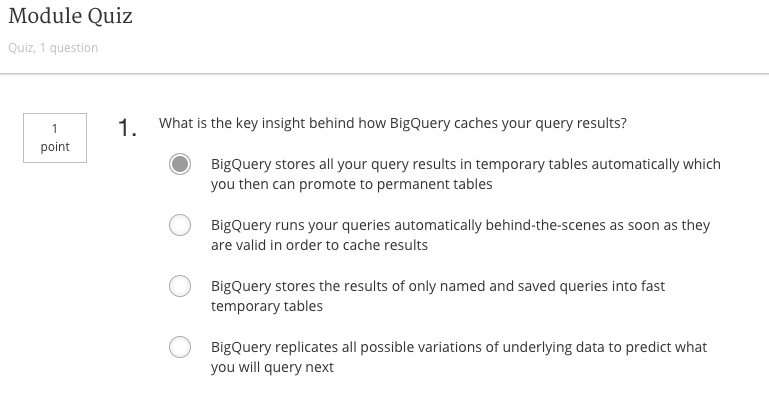


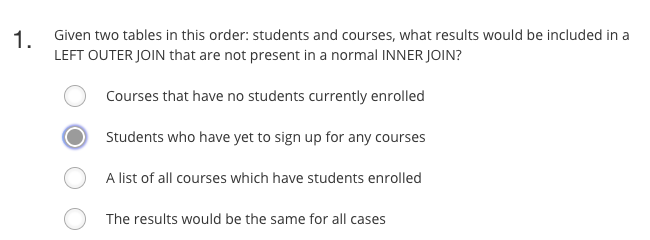
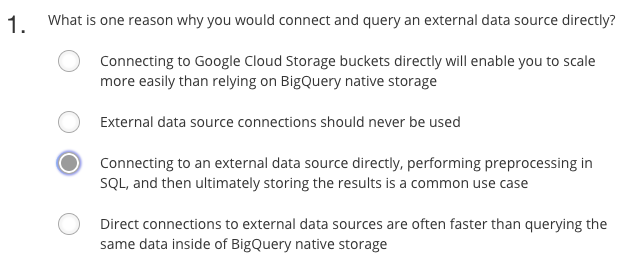


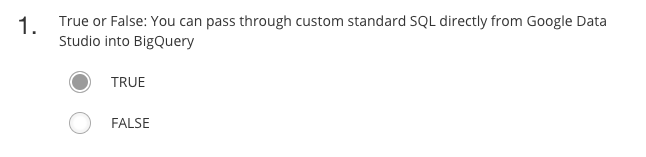




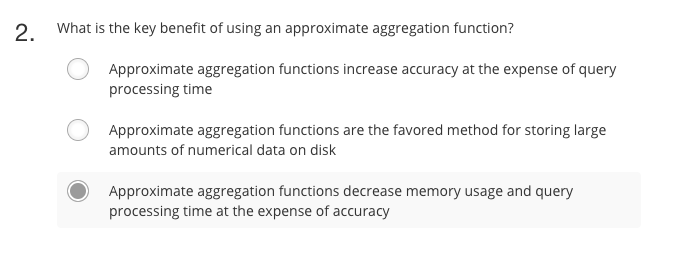
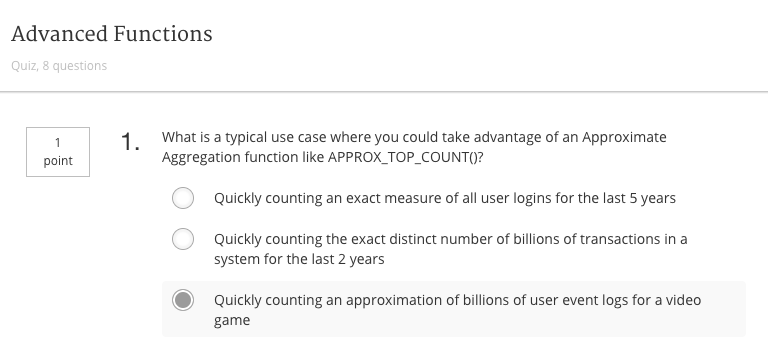
2 Creating New BigQuery Datasets and Visualizing Insights

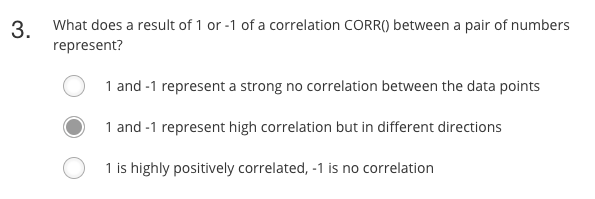


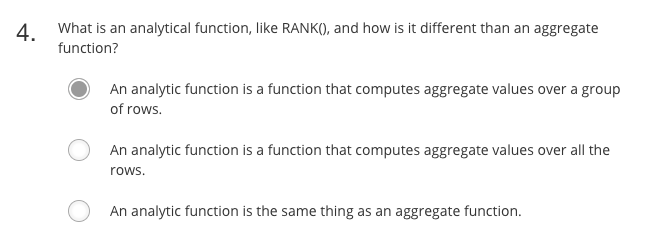


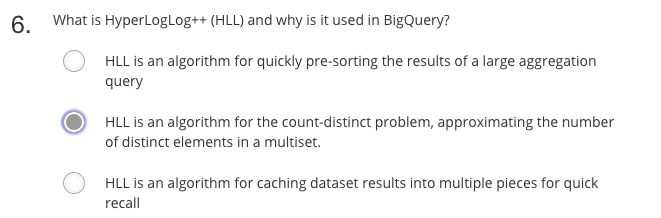
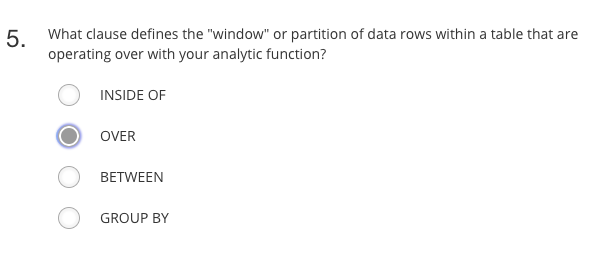


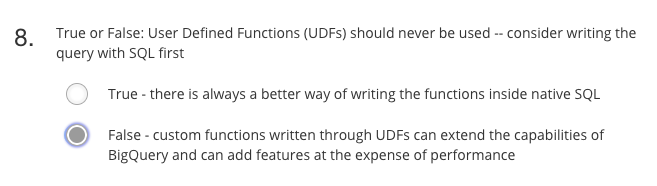
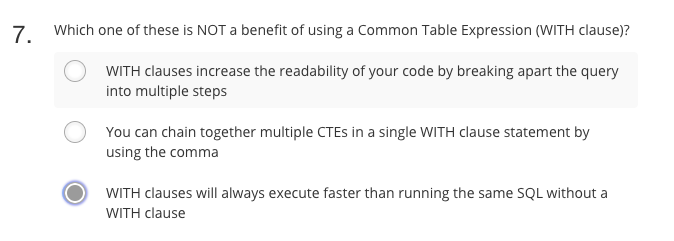
3 Achieving Advanced Insights with BigQuery

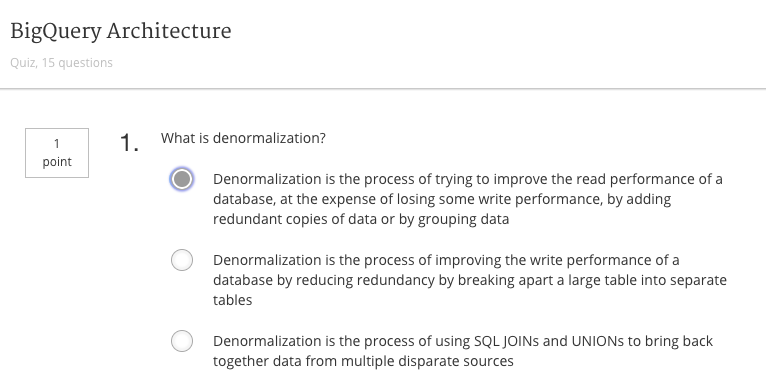


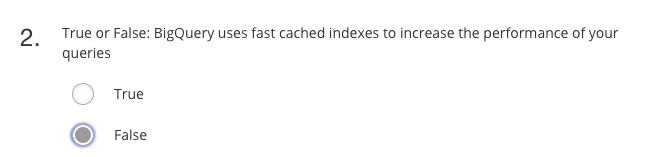


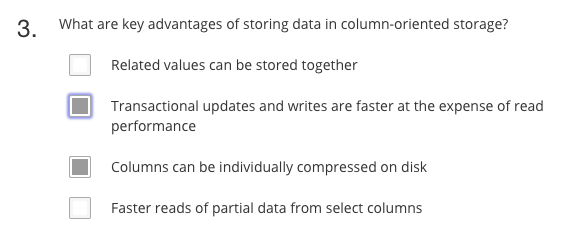
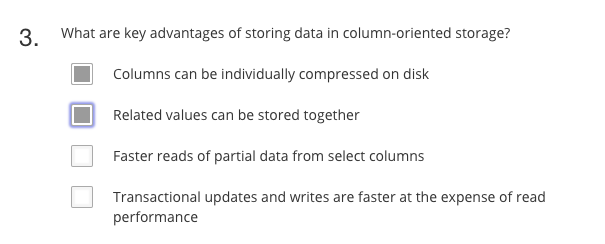






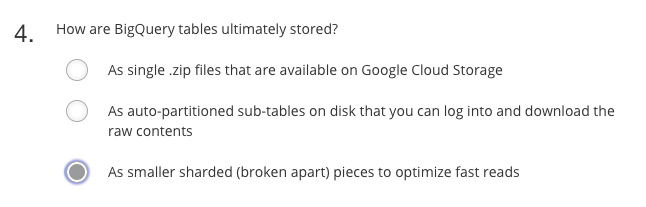


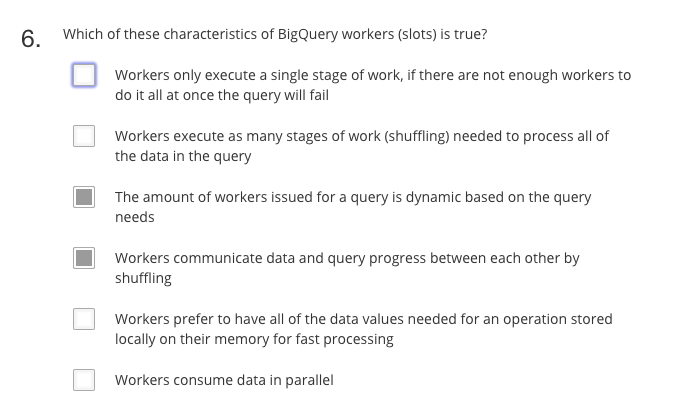
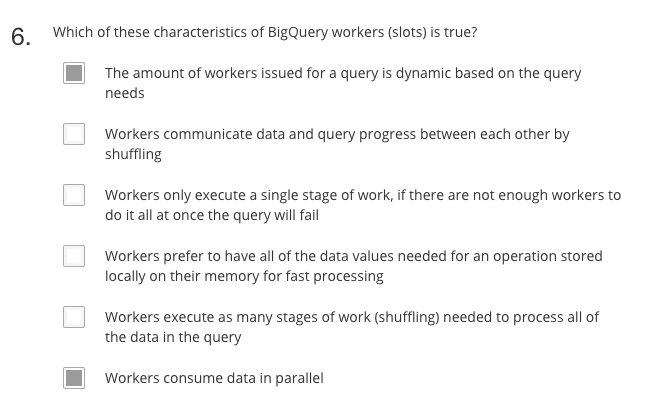
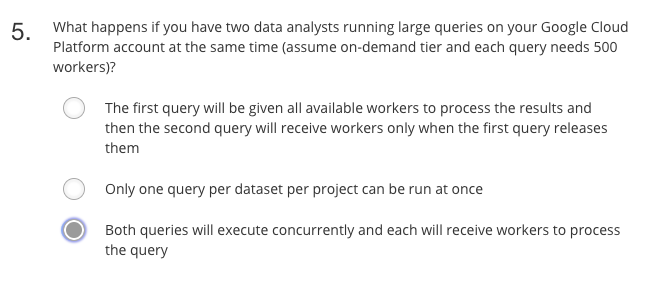


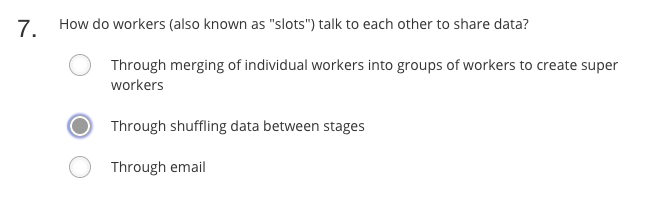


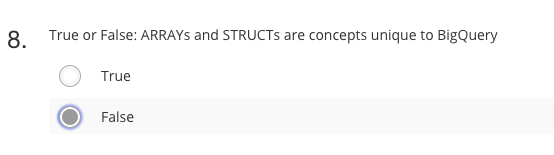
both are wrong answers

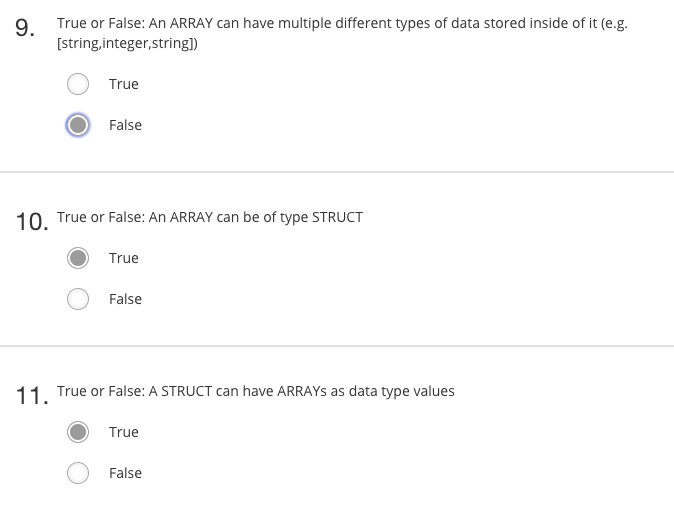
maybe: faster reads of partial data from select columns

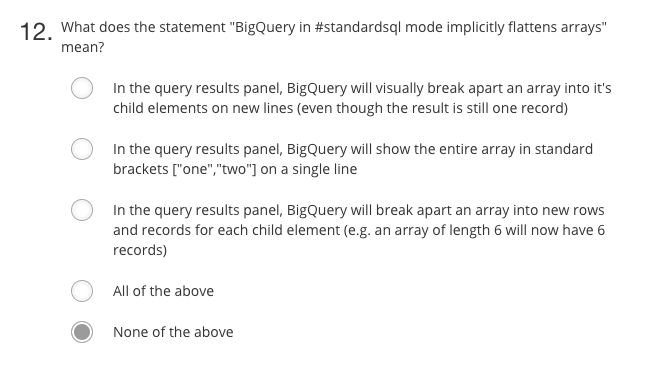


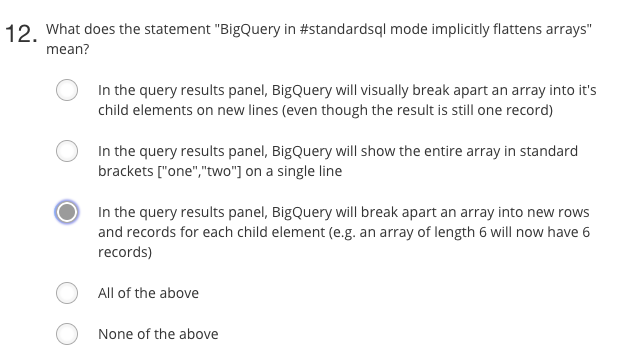
both are wrong answers







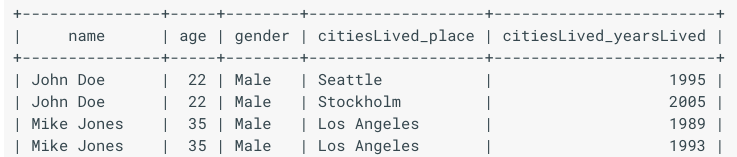


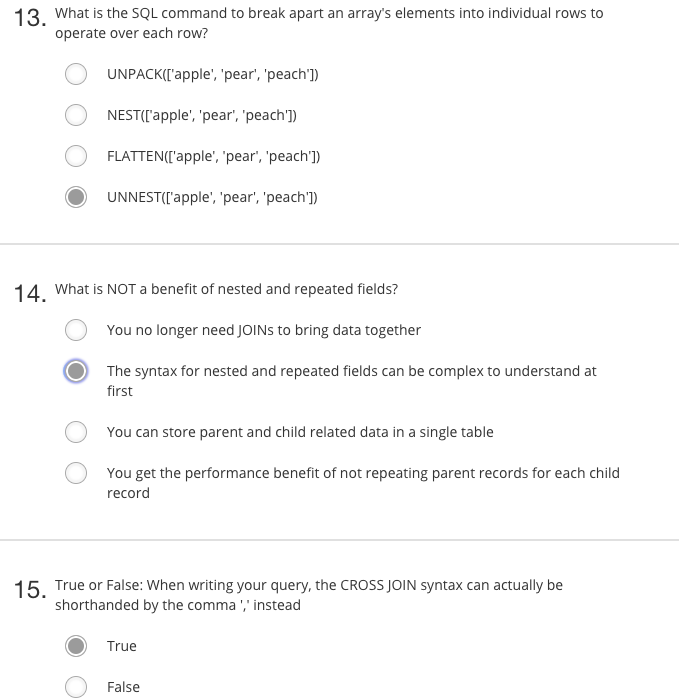


all are wrong answers

could be into its’ child elements on new lines







4 Applying Machine Learning to your Data with GCP

