| 1 point |

1. Name two use cases for Google Cloud Dataproc (Select 2 answers).

☐ Data mining and analysis in datasets of known size

☑ Manage data that arrives in realtime

☑ Manage datasets of unpredictable size

☐ Migrate on-premises Hadoop jobs to the cloud

| 1 point |

2. Name two use cases for Google Cloud Dataflow (Select 2 answers).

☐ Extract, Transform, and Load (ETL)

☑ Manual resource management

☐ Orchestration

☑ Reserved compute instances

| 1 point |

3. Name three use cases for the Google Cloud Machine Learning Platform (Select 3 answers).

☐ Content personalization

☐ Sentiment analysis

☐ Fraud detection

☐ Query architecture

☐ Data preparation

| 1 point | **4.** | Which statements are true about BigQuery? Choose all that are true (2 statements). |

☐ BigQuery requires that you provision database instances ahead of use.

Big Data and Machine Learning

Quiz, 7 questions

☐ BigQuery is a good choice for data analytics warehousing.

☐ BigQuery lets you run fast SQL queries against large databases.

☐ BigQuery is a good choice for online transaction processing.

☐ Once in BigQuery, data is not accessible from other GCP services.

| 1 point | **5.** | Name three use cases for Cloud Pub/Sub (Select 3 answers). |

☐ Decoupling systems

☐ Analyzing streaming data

☐ Executing ad-hoc SQL queries

☐ Internet of Things applications

☐ Storage of binary web content

| 1 point | **6.** | What is TensorFlow? |

○ A managed service for building machine learning models

○ A hardware device designed to accelerate machine learning workloads

○ An open-source software library that's useful for building machine learning applications

○ A managed service for building data pipelines

| 1 point | **7.** | What does the Cloud Natural Language API do? |

○ It extracts text in various languages from images.

○ It performs sentiment analysis on audio and video content.

○ It translates arbitrary strings into any supported language.

○ It analyzes text to reveal its structure and meaning.

Upgrade to subm