



Congratulations! You passed!

TO PASS 57% or higher

Keep Learning

GRADE

100%

Big Data and Machine Learning

LATEST SUBMISSION GRADE

100%

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

1 / 1 point

- ☐ Manage datasets of unpredictable size
- ☒ Data mining and analysis in datasets of known size



Correct

Correct!

- ☐ Manage data that arrives in realtime
- ☒ Migrate on-premises Hadoop jobs to the cloud



Correct

Correct!

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

1 / 1 point

- ☒ Extract, Transform, and Load (ETL)



Correct

Correct!



Manual resource management



Orchestration



Correct

Correct!



Reserved compute instances

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

1 / 1 point



Sentiment analysis



Correct

Correct!



Fraud detection



Correct

Correct!



Query architecture



Content personalization



Correct

Correct!


☐ Data preparation

4. Which statements are true about BigQuery? Choose all that are true (2 statements).

1 / 1 point

☐ BigQuery is a good choice for online transaction processing.


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

 **Correct**
Correct!

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

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

☒ BigQuery is a good choice for data analytics warehousing.


 **Correct**
Correct!

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

1 / 1 point

☐ Executing ad-hoc SQL queries

☒ Analyzing streaming data

 **Correct**
Correct!

☒ Internet of Things applications

 **Correct**

Correct!

- ☐ Storage of binary web content
- ☒ Decoupling systems

✓ **Correct**
Correct!

6. What is TensorFlow?

1 / 1 point

- ☐ 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 machine learning models
- ☐ A managed service for building data pipelines

✓ **Correct**
Correct!

7. What does the Cloud Natural Language API do?

1 / 1 point

- ☐ It performs sentiment analysis on audio and video content.
- ☐ It extracts text in various languages from images.
- ☐ It translates arbitrary strings into any supported language.
- ☒ It analyzes text to reveal its structure and meaning.

✓ **Correct**
Correct!

