Your grade: 100%

Your latest: **100%** • Your highest: **100%** • To pass you need at least 80%. We keep your highest score.

Next item →

1. Which of the following is the best description of why it is important to learn about the foundations for big data?

    ○ Foundations is all that is required to show a mastery of big data concepts.

    ◉ Foundations allow for the understanding of practical concepts in Hadoop.

    ○ Foundations help you revisit calculus concepts required in the understanding of big data.

    ○ Foundations stand the test of time.

1 / 1 point

> ⊘ **Correct**
> See this video ↗ to review.

2. What is the benefit of a commodity cluster?

    ○ Much faster than a traditional super computer.

    ◉ Cost Effective

    ○ Prevents network connection failure.

    ○ Prevents individual component failures.

1 / 1 point

> ⊘ **Correct**
> See this video ↗ to review.

3. What is a way to enable fault tolerance?

    ○ Distributed Computing

    ○ Better LAN Connection

    ○ System Wide Restart

    ◉ Data-Parallel Job Restart

1 / 1 point

> ⊘ **Correct**
> See this video ↗ to review.

4. What are the specific benefit(s) to a distributed file system?

    ☑ Data Scalability

> ⊘ **Correct**
> See this video ↗ to review.

    ☑ High Concurrency

> ⊘ **Correct**
> See this video ↗ to review.

    ☑ High Fault Tolerance

> ⊘ **Correct**
> See this video ↗ to review.

    ☐ Large Storage

1 / 1 point

5. Which of the following are general requirements for a programming language in order to support big data models?

    ☑ Handle Fault Tolerance

> ⊘ **Correct**
> See this video ↗ to review.

    ☐ Utilize Map Reduction Methods

    ☑ Optimization of Specific Data Types

> ⊘ **Correct**
> See this video ↗ to review.

    ☑ Enable Adding of More Racks

> ⊘ **Correct**
> See this video ↗ to review.

    ☑ Support Big Data Operations

> ⊘ **Correct**
> See this video ↗ to review.

1 / 1 point