

Certification Overview

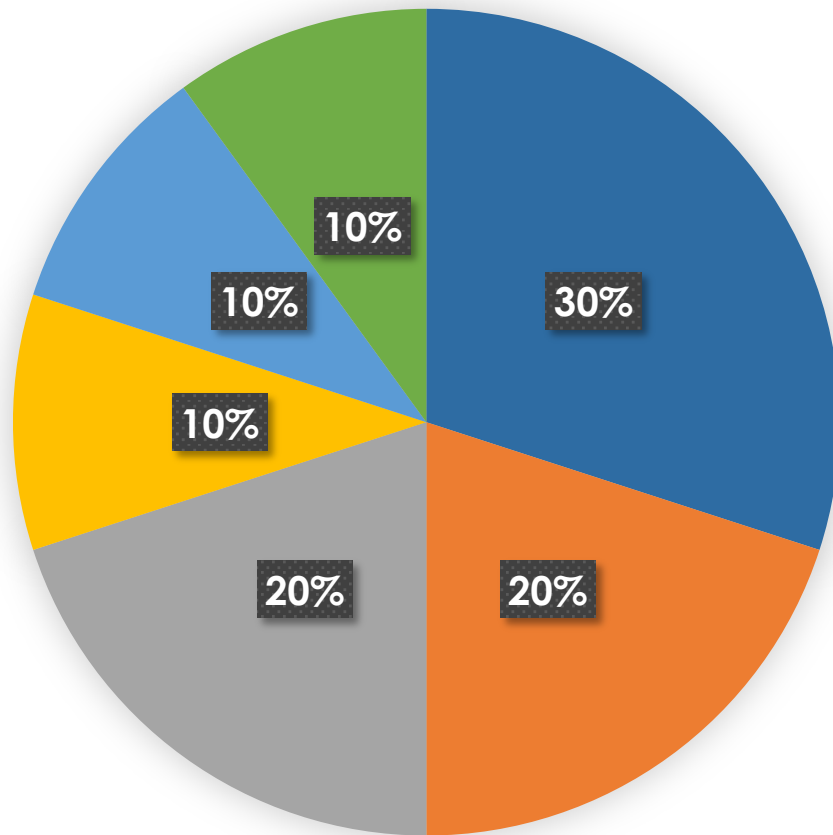
Learning Objectives

- ▶ Format and structure of the exam.
- ▶ The topics covered in the exam.
- ▶ Types of questions provided on the exam

Exam Details

- ▶ Time allotted to complete exam = 120 minutes
- ▶ Number of Questions = 60
- ▶ Passing scores = At least 70% (42/60)
- ▶ Exam fee = \$200
- ▶ Exam retake fee = \$200

Exam Questions



- Data Processing (18/60)
- Data Modeling (12/60)
- Databricks Tooling (12/60)
- Security and Governance (6/60)
- Testing and Deployment (6/60)
- Monitoring and Logging (6/60)

Out-of-scope

- ▶ Delta Live Tables
- ▶ Scala
- ▶ Orchestration tools (Airflow, ADF, etc)
- ▶ Pub/Sub systems configurations (Kafka, ...)
- ▶ Automation servers (Jenkins, Azure DevOps, etc)
- ▶ Managed CI/CD
- ▶ Gitflow
- ▶ Cloud-specific security and integrations
- ▶ Infrastructure as code (Terraform, ...)


Code Examples

- ▶ Code will be in mainly in Python
- ▶ Delta Lake functionality in SQL

Exam Platform

<https://www.webassessor.com/databricks>

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 **databricks**

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Databricks Certification

Welcome to Databricks online assessment registration.

Follow these steps to schedule an assessment:

1. Create a New Account by clicking [here](#).
2. Log into your newly created account.
3. Click on 'Register for an Assessment' and follow the remaining steps to complete scheduling.

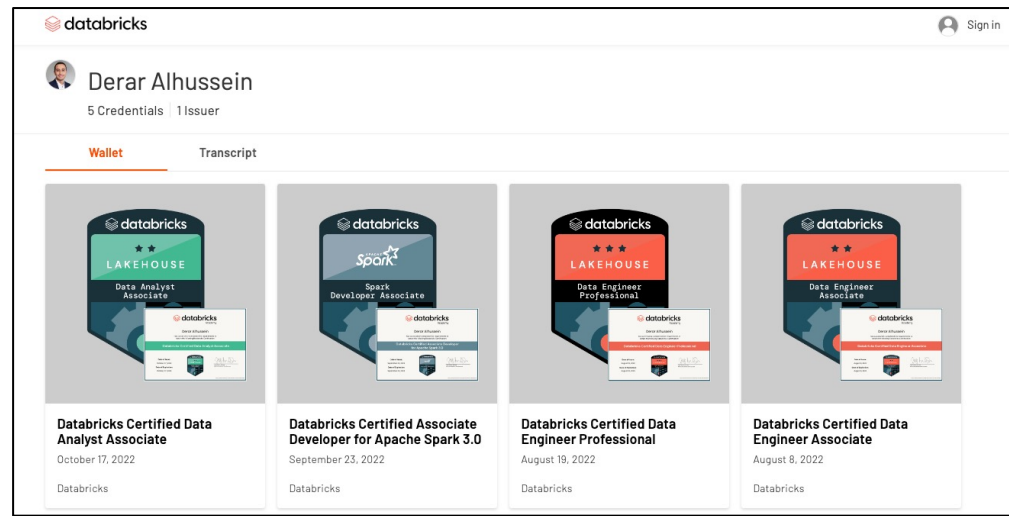
Exam Proctoring

- ▶ Monitored via webcam by a Webassessor proctor.
- ▶ Asked to provide valid, photo-based identification.
- ▶ Proctor does not provide assistance on the content of the exam
- ▶ No test aids will be available during the exam

Exam Result

- ▶ Certification exams are automatically graded.
- ▶ 24 hours to receive the badge and Certificate

<https://credentials.databricks.com>



Questions Types

- ▶ Multiple-choice questions – Only one correct answer
- ▶ Questions Types:
 - ▶ Conceptual Questions
 - ▶ Code-Based Questions

Conceptual Questions

- ▶ Which part of the Databricks Lakehouse Platform can data engineers use to orchestrate jobs ?
 - A. Repos
 - B. Workflows
 - C. Data Explorer
 - D. Databricks SQL
 - E. Cluster

Conceptual Questions

- ▶ Which part of the Databricks Lakehouse Platform can data engineers use to orchestrate jobs ?
 - A. Repos
 - B. Workflows**
 - C. Data Explorer
 - D. Databricks SQL
 - E. Cluster

Code-Based Questions

```
spark.table("sales")  
  .writeStream  
  .option("checkpointLocation", checkpointPath)  
  . _____  
  .table("new_sales")
```

If you want the query to execute a single micro-batch to process all of the available data, which of the following lines of code should you use to fill in the blank ?

- A. trigger(once=True)
- B. trigger(continuous="once")
- C. processingTime("once")
- D. trigger(processingTime="once")
- E. processingTime(1)

Code-Based Questions

```
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  .writeStream  
  .option("checkpointLocation", checkpointPath)  
  .  
  .table("new_sales")
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If you want the query to execute a single micro-batch to process all of the available data, which of the following lines of code should you use to fill in the blank ?

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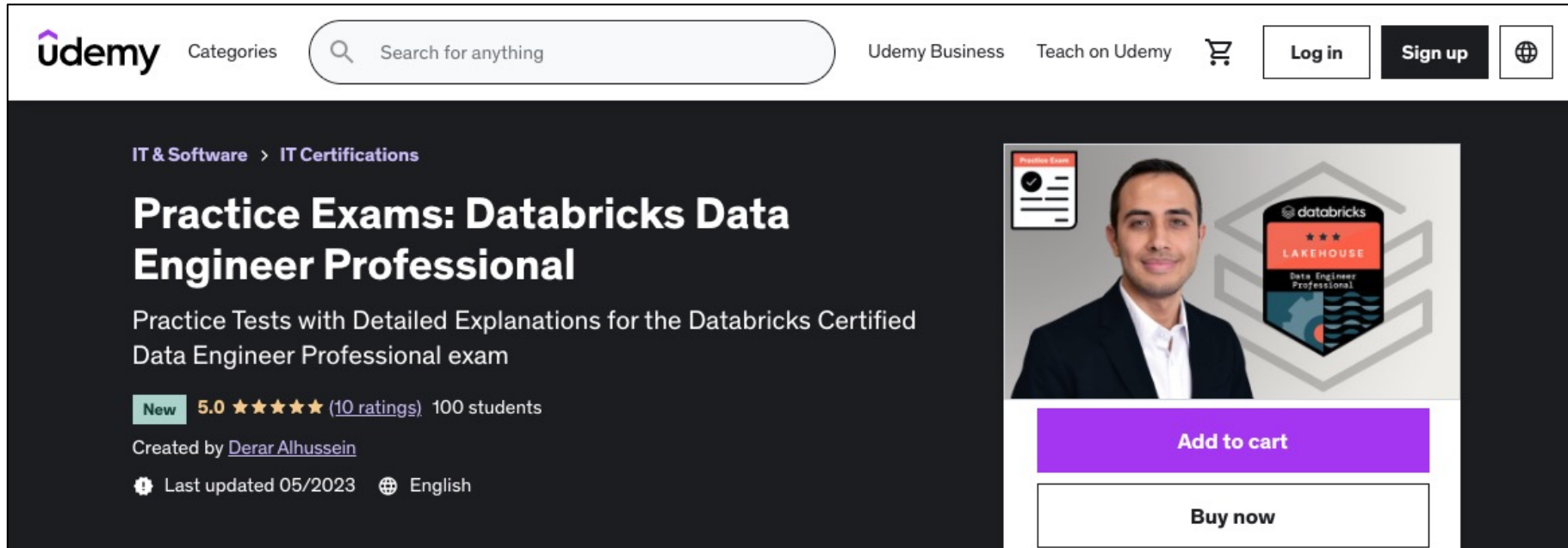
Practice Exam

- ▶ No official Practice test from Databricks

Practice Exam

► Practice exams course on Udemy

<https://www.udemy.com/course/practice-exams-databricks-data-engineer-professional-k/>



The screenshot shows the Udemy website interface. At the top, there's a navigation bar with the Udemy logo, a search bar, and links for 'Udemy Business', 'Teach on Udemy', 'Log in', and 'Sign up'. Below the navigation bar, the course is categorized under 'IT & Software > IT Certifications'. The main title is 'Practice Exams: Databricks Data Engineer Professional'. Below the title, it says 'Practice Tests with Detailed Explanations for the Databricks Certified Data Engineer Professional exam'. The course has a 'New' badge, a 5.0 star rating from 10 reviews, and 100 students. It was created by Derar Alhussein and last updated on 05/2023. The course is in English. On the right side, there's a video thumbnail of the instructor, Derar Alhussein, next to a Databricks Lakehouse Data Engineer Professional certification badge. Below the thumbnail are two buttons: 'Add to cart' and 'Buy now'.

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Created by [Derar Alhussein](#)

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