Before you begin

Please review this lesson for some of the most frequently asked questions about this course.

Is this course part of a specialization on Coursera?

Yes! This course is part of a three-course Coursera specialization, "Data Science with Databricks for Data Analysts". The courses in that specialization include:

1. Apache Spark SQL for Data Analysts (this course!)
2. Data Science Fundamentals for Data Analysts
3. Applied Data Science for Data Analysts

How much time will it take me to complete this course?

We have prepared this material to take you approximately eight hours to complete. This includes the hands-on labs that help you apply the concepts you'll learn throughout the course.

Where can I find a course agenda?

Apache Spark (TM) SQL for Data Analysts > Week 1 > Before you begin

lesson within each module, you will need to complete and pass a graded quiz or activity in order to move on to the next module.

Week	Module	Lesson	Estimated Time
1	1	Welcome to Apache Spark SQL for Data Analysts	15 min
1	2	Spark Makes Big Data Easy	30 min
2	3	Using Spark SQL on Databricks	60 min
2	4	Spark Under the Hood	60 min
3	5	Complex Queries	60 min
3	6	Applied Spark SQL	60 min
4	7	Data Storage and Query Optimization	30 min
4	8	Delta with Spark SQL	60 min
5	9	Completing Coding Challenges	120

What tools do I need to complete this course?

If you are planning on completing the hands-on labs in this course, you will need to create a free account on Databricks Community Edition. Don't worry - you don't have to do it now. We'll guide you through how to perform this simple step later on in the course. Other than that, you just need a computer or laptop with an internet connection, and a desire to learn!

What if I don't know SQL?

Apache Spark (TM) SQL for Data Analysts > Week 1 > Before you begin

In order to receive the accreditation (Associate SQL Analyst) provided by completing this course, you must complete all course content and pass a graded exam at the end of the last module of the course.

How do I provide feedback?

You will have the opportunity to provide feedback in a survey at the end of the course. We take your feedback very seriously -- it is used to help improve our offerings on Coursera. Please send thoughts, concerns, suggestions, etc. our way so that we can keep them in mind for future course offerings.

Where is the course content?

Most of the course content will be available through Coursera, and you'll also be completing work in Databricks Community Edition. An overview of Databricks Community Edition is available later in this lesson.

The content for the Databricks Community Edition portion of the course can be downloaded from https://files.training.databricks.com/courses/moocs/SQLDA/Lessons.dbc. This link is a Databricks Archive file (DBC). DBC files can be loaded directly into Databricks Community Edition. An overview of this process is available in Module 3. Please note that DBC files cannot be opened directly on your computer.

Who are you?

Good question! Your hosts for this course and this entire specialization if you choose to complete it (you should!) all work at Databricks. You'll learn more about Databricks (as well as your hosts) as we progress through this course. Fun fact: The founders of Databricks were the original creators of Apache Spark (pretty, cool, right?). In this MOOC, we promise to bring you the latest and greatest news about Apache Spark - specifically, Apache Spark and SQL.

Mark as completed