Enterprise Computing Solutions - Education Services

# TRAINING OFFERING

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# IBM BigSQL for Developers (v5.0) SPVC

| CODE: | DURÉE: | PRIX H.T.: |
|---|---|---|
| 2W634G | 8 Hours | €300.00 |

## Description

**Contains** PDF course guide, as well as a lab environment where students can work through demonstrations and exercises at their own pace.
This course is designed to introduce the student to the capabilities of IBM Big SQL. IBM Big SQL allows you to access your HDFS data by providing a logical view to it. You can use the same SQL that was developed for your data warehouse data on your HDFS data.

This course provides context on why you would use Big SQL followed by how to use Big SQL to access your data. It also covers what Big SQL is, how it is used, and the Big SQL architecture. The course also covers how to connect to Big SQL, create tables with a variety of data types, load data in, and run queries against the data. The course also shows how to use Big SQL with other components of the Hadoop ecosystem.
If you are enrolling in a Self Paced Virtual Classroom or Web Based Training course, before you enroll, please review the Self-Paced Virtual Classes and Web-Based Training Classes on our Terms and Conditions page, as well as the system requirements, to ensure that your system meets the minimum requirements for this course. http://www.ibm.com/training/terms

## Objectifs

1: Using Big SQL to access data residing in the HDFS
• Overview of Big SQL
• Understand how Big SQL fits in the Hadoop architecture
• Working with Big SQL using Ambari and command line
• Connect to Big SQL using IBM Data Server Manager

2: Creating Big SQL schemas and tables
• Describe and create Big SQL schemas and tables
• Describe and list the Big SQL data types
• Work with various Big SQL DDLs
• Load data into Big SQL tables using best practices

3: File formats and querying Big SQL tables
• Describe Big SQL supported file formats
• Query Big SQL tables using various DMLs

4: Querying data in HBase tables using Big SQL
• Describe the basic functions of HBase
• Issue basic HBase commands
• Use Big SQL to create and query HBase tables
• Map HBase columns to Big SQL

5: Analyzing data managed by Big SQL using Apache Spark
• Describe the purpose and role of Spark
• Query data managed by Big SQL using Spark
• Understand how to query Big SQL from Spark applications

6: Using Big SQL with various data types and tables
• Querying complex JSON with Big SQL
• Working with Hive ACID tables in Big SQL

## Audience

Developers, Administrators

## Prérequis

Basic Linux knowledge
Basic SQL knowledge
Working knowledge with big data and Hadoop technologies

## Programme

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• Describe and list the Big SQL data types
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6: Using Big SQL with various data types and tables
• Querying complex JSON with Big SQL
• Working with Hive ACID tables in Big SQL

## Dates de session

Sur demande. Merci de nous contacter

## Informations Complémentaires

Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.