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JOÃO VITOR BAPTISTA

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Hadoop Programming - Level 2

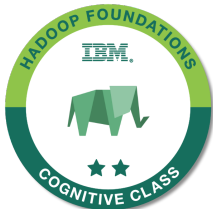**Issued by:** IBM

Issued on: 22 April 2019

This badge earner demonstrates the ability to use programming concepts provided by Apache MapReduce, Apache Pig and Apache Kafka.

Skills

Big Data, Hadoop, MapReduce, Pig

Criteria
• Satisfactory completion of the following courses:
• MapReduce and Yarn
• Apache Pig 101
• Simplifying Data Pipelines with Apache Kafka

Hadoop Foundations - Level 2

Issued by: IBM
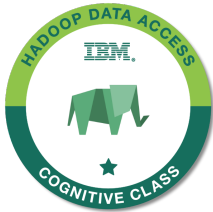
Issued on: 20 April 2019

This badge earner has a basic understanding of Hadoop. The earner also understands how to implement MapReduce jobs within a Yarn enabled cluster. This individual is able to use a number of tools to move data within the Hadoop cluster and can use Hive to store and query data.

Skills

Big Data, Hadoop

Criteria
• Satisfactory completion of the following courses:
• Hadoop 101
• MapReduce and Yarn
• Moving Data into Hadoop
• Accessing Hadoop Data Using Hive

Hadoop Data Access - Level 1

Issued by: IBM

Issued on: 20 April 2019

The badge earner has demonstrated the ability to use Hive, and also the ability to use Hive QL to access data on Hadoop.

Skills

Big Data, HBase, Hadoop, Hive, SQL

Criteria

• Satisfactory Course Completion: Accessing Hadoop Data using Hive

Hadoop Administration - Level 1

Issued by: IBM

Issued on: 18 April 2019

This badge earner has demonstrated the ability to move data into Hadoop using Sqoop and Flume.

Skills

Big Data, Flume, Hadoop, Oozie, Sqoop, Zookeeper

Criteria

• Satisfactory Course Completion: Moving Data into Hadoop

Hadoop Programming - Level 1
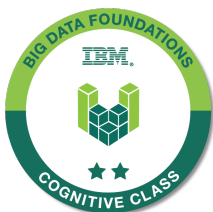
Issued by: IBM

Issued on: 31 March 2019

The badge earner demonstrates the ability to use programming concepts provided by the various technologies in the Hadoop ecosystem including, but not limited to MapReduce.

Skills

Big Data, Hadoop, MapReduce, Pig

Criteria

• Satisfactory course completion: MapReduce and Yarn

Big Data Foundations - Level 2

Issued by: IBM

Issued on: 29 March 2019

This badge earner understands the big data ecosystem and hadoop commands and operations to work with big data. The earner also has foundational knowledge around Spark and its operations including RDDs, DataFrames, and the various libraries associated with the Spark Core (MLlib, Spark SQL, Spark Streaming, GraphX).
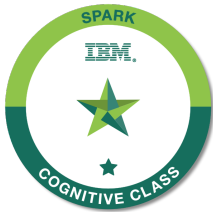
Skills

Big Data, Hadoop, Spark

Criteria

• Satisfactory completion of the following courses:

• Big Data 101

• Hadoop 101

• Spark Fundamentals I

Spark - Level 1
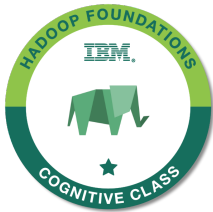
Issued by: IBM

Issued on: 29 March 2019

This badge earner has a basic understanding of Spark. The earner can describe Spark, articulate its benefits, and describe how it is used. The individual can also use Resilient Distributed Datasets (RDD) and DataFrames to perform in-memory computing and create applications on top of the Spark built-in libraries.

Skills

Big Data, Hadoop, Spark

Criteria

• Satisfactory Course Completion: Spark Fundamentals I

Hadoop Foundations - Level 1
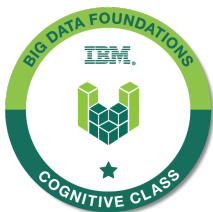
Issued by: IBM

Issued on: 26 March 2019

This badge earner has a basic understanding of Hadoop. The earner can describe what Big Data is and the need for Hadoop to be able to process that data in a timely manner. The individual can describe the Hadoop architecture and how to work with the Hadoop Distributed File System (HDFS) using IBM BigInsights.

Skills

Big Data, Hadoop

Criteria

• Satisfactory Course Completion: Hadoop 101

Big Data Foundations - Level 1

Issued by: IBM

Issued on: 25 March 2019

This badge earner has a basic understanding of Big Data concepts and their applications to gain insight for providing better service to customers. The earner understands that Big Data should be processed in a platform that can handle the variety, velocity, and the volume of data by using components that require integration and data governance.

Skills
Big Data, Hadoop

Criteria
• Satisfactory course completion: Big Data 101