



3 Courses

Introduction to NoSQL
Databases

Introduction to Big Data
with Spark and Hadoop

Data Engineering and
Machine Learning using
Spark



Jul 9, 2023

Saurav Das

has successfully completed the online, non-credit Specialization

NoSQL, Big Data, and Spark Foundations

The earner of this certificate has demonstrated mastery of fundamental NoSQL and Big Data skills. This includes working with NoSQL databases- MongoDB, IBM Cloudant, & Apache Cassandra - to perform tasks like CRUD operations. As well as foundational knowledge of Big Data tools & ecosystem including Apache Hadoop, Apache Hive, HDFS, MapReduce, Apache Spark, Spark SQL, Spark Structured Streaming, Spark ML, scaling Spark with Kubernetes, and Monitoring and Performance Tuning Spark jobs. This program focused on developing hands-on practical skills and culminated with a project involving ETL processing and Machine Learning model deployment using Spark. The learner is now proficient with the skills and knowledge for essential big data management tasks and challenges requiring NoSQL and Spark.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Karthik Muthuraman
Software Engineer
(Machine Learning)
IBM Center for Open-
Source Data and AI
Technologies

Romeo Kienzler
Chief Data Scientist
IBM Watson IoT

Ramesh Sannareddy
Data Engineering
Subject Matter Expert
Skill-up Technologies

Aije Egwaikhide
Senior Data Scientist
IBM

Steve Ryan
Instructional Designer &
Content Developer
Skill-Up Technologies

Rav Ahuja
Global Program
Director,
Skills Network

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Jul 5, 2023

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Introduction to Big Data with Spark and Hadoop

an online non-credit course authorized by IBM and offered through Coursera

Karthik Muthuraman
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Aije Egwaikhide
Senior Data Scientist
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Rav Ahuja, Global Program Director, Skills Network

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Steve Ryan, Instructional Designer & Content Developer, Skill-Up Technologies

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NoSQL Databases Essentials

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Big Data with Spark and Hadoop Essentials

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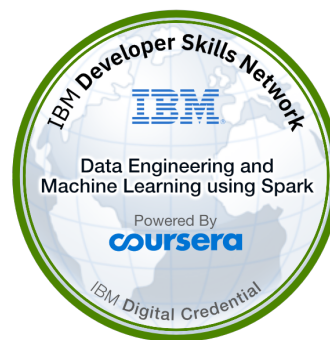
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