LEARNING WITHOUT LIMITS · SPECIALIZATION CERTIFICATE

coursera

IBM.

3 Courses

Introduction to NoSQL Databases

Introduction to Big Data with Spark and Hadoop

Data Engineering and Machine Learning using Spark

Oct 27, 2022

Seyed Mohammad Hashem Zadeh

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.

Romeo Kienzler
Chief Data Scientist
IBM Watson IoT

Rav Ahuja
Global Program
Director,
Skills Network

Steve Ryan
Instructional Designer &
Content Developer
Skill-Up Technologies

Aije Egwaikhide
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