

3 Courses

Introduction to NoSOL **Databases**

Introduction to Big Data with Spark and Hadoop

Data Engineering and Machine Learning using Spark



Sep 5, 2022

Chuen ho Ho

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

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Steve Ryan Instructional Designer & Senior Data Scientist Content Developer Skill-Up Technologies

Aije Egwaikhide

Ramesh Sannareddy

Ramesh Sannareddy Data Engineering Subject Matter Expert Skill-up Technologies

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

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.

Verify this certificate at: https://coursera.org/verify/specializat ion/WCV7M2LCMXX8