



7 Courses

Introduction to Data Engineering

Introduction to Relational Databases (RDBMS)

Databases and SQL for Data Science with Python

Hands-on Introduction to Linux Commands and Shell Scripting

Relational Database Administration (DBA)

ETL and Data Pipelines with Shell, Airflow and Kafka

Getting Started with Data Warehousing and BI Analytics



Oct 9, 2022

Seyed Mohammad Hashem Zadeh

has successfully completed the online, non-credit Professional Certificate

IBM Data Warehouse Engineer

In this program, learners developed and honed the essential skills for designing, loading, managing and querying relational databases and data warehouses. Completers of this Certificate should be able to: Compose various types of SQL statements and queries to access and manipulate data in databases; Deploy, Secure, Operationalize, Monitor and Optimize relational database systems like MySQL, PostgreSQL, and DB2; Build Data Pipelines to extract, transform and load data repositories using shell scripts, and tools such as Apache Airflow & Kafka; Design and populate Data Warehouses and analyze their data with Business Intelligence (BI) tools like Cognos Analytics. The certificate holder should now be ready to take on the challenges of an entry-level role in Data Warehouse Engineering.

Rav Ahuja,
Global Program
Director,
IBM Skills Network

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/professional-cert/Z4RCKTGT9HRC>