



5 Courses

Google Cloud Platform Big
Data and Machine Learning
Fundamentals

Modernizing Data Lakes and
Data Warehouses with GCP

Building Batch Data
Pipelines on GCP

Building Resilient Streaming
Analytics Systems on GCP

Smart Analytics, Machine
Learning, and AI on GCP

Google Cloud

Jun 10, 2020

Muhammad Zunnurain Hussain

has successfully completed the online, non-credit Specialization

Data Engineering, Big Data, and Machine Learning on GCP

This five-course accelerated specialization is designed for data professionals who are responsible for designing, building, analyzing, and optimizing big data solutions. Through a combination of video lectures, quizzes, and hands-on labs, learners carried out serverless data analysis and productionize machine learning models. This specialization is designed to give learners a robust hands-on experience and is primarily lab-focused.

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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.

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