

**5** Courses

Google Cloud Platform Big Data and Machine Learning Fundamentals

Leveraging Unstructured Data with Cloud Dataproc on Google Cloud Platform

Serverless Data Analysis with Google BigQuery and Cloud Dataflow

Serverless Machine Learning with Tensorflow on Google Cloud Platform

Building Resilient Streaming Systems on Google Cloud Platform



Dec 14, 2019

## **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.

Google Cloud Training

Google Cloud Training

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: coursera.org/verify/specialization/HEBL3PD5NW7U