



Dec 29, 2024

# Nunik Putri

has successfully completed

## Unsupervised Machine Learning

an online non-credit course authorized by IBM and offered through Coursera

A row of four handwritten signatures in black ink. From left to right: Mark J Grover, Miguel M. Maldonado, Xintong Li, and Joseph S. Sencartangelo.

Mark J Grover, Digital Content Delivery Lead,  
Miguel Maldonado, Machine Learning Curriculum Developer,  
Joseph Sencartangelo, Ph.D., Data Scientist at IBM, IBM Developer Skills Network, Roxanne Li, Data Scientist, IBM  
Developer Skills Network

### COURSE CERTIFICATE



Verify at:  
<https://coursera.org/verify/C3ZTOML8WPAO>

Coursera has confirmed the identity of this individual and  
their participation in the course.