



development academy of the philippines

## MICROSPECIALIZATION COMPLETION CERTIFICATE

Verification ID number: IV48538

Project Code: TFDQI

This certificate is issued to  
**Rosalie Razonable**

for successfully completing the  
**Computing  
Microspecialization Pathway**

under the project Smarter Philippines through Data Analytics, Research  
and Development, Training, and Adoption (SPARTA) implemented by  
the Development Academy of the Philippines.

Issued on the 03rd day of September 2022.

ATTY. ENGELBERT C. CARONAN, JR., MNSA

President and CEO

Development Academy of the Philippines

