



The Department of Science and Technology (DOST)
**PHILIPPINE COUNCIL FOR AGRICULTURE, AQUATIC AND NATURAL
RESOURCES RESEARCH AND DEVELOPMENT (PCAARRD)**

awards this

CERTIFICATE OF COMPLETION

to

Carl Francis Encallado

for having successfully completed the online training course on

**"LEVERAGING AI FOR TEXT ANALYSIS: NATURAL LANGUAGE
PROCESSING USING ORANGE DATA MINING"**

Resource Speaker:
Mr. Emerson R. Rico, M.Sc.

on July 27, 2025 with a grade of 96.00 % .

REYNALDO V. EBORA, PhD
Executive Director

