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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

