

DATA ANALYTICS TRACK WITH PYTHON CERTIFICATE OF COMPLETION



THIS CERTIFICATE IS AWARDED TO

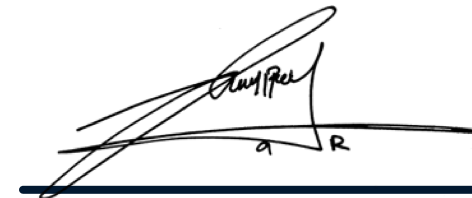
Mochammad Reyhan Mauluddi, M.MT

for successful completion of
Data Analytics Track with Python

APRIL 04, 2026 - MAY 10, 2026



DTSDA-040426-DS-452



ALVIN RINDRA FAZRIE, M.SC.
Lead GenAI & Data Instructor

Course Topics:

- Introduction to Data Analytics and Data Science
- Introduction to Python Programming
- Logic, Control Flow, and Loops (e.g., if, elif, else statements; for and while loops)
- Building Custom Functions
- Python Collections (Tuple, List, Set, Dictionary)
- Arrays and Numerical Computing with NumPy
- Data Cleaning and Transformation with Pandas
- Descriptive Statistics and Aggregation with Pandas and NumPy
- Supervised Machine Learning with Scikit-Learn
- Natural Language Processing (NLP) with NLTK
- Data Visualization for Descriptive Analytics using Seaborn and Matplotlib
- Building and Deploying Interactive Visualization Dashboards with Plotly and Streamlit

Final Project:

- Establish an advanced data analytics workflow in Python using an e-commerce dataset, covering statistical aggregation, data visualization, predictive analytics with machine learning, and the development of an analytics chatbot.
- Link to the Project:
<https://my-porto-reyhanmauluddi.streamlit.app/>