The School of Lifelong Learning (SoLL)
in cooperation with the
Dr. Andrew L. Tan Data Science Institute (ALTDSI)
cordially invites you to a Certificate course on

Foundations of Data Science

Unlock your potential in data science with our comprehensive course in Foundations of Data Science", offered by the Dr. Andrew L. Tan Data Science Institute in collaboration with the School of Lifelong Learning.

Course Overview:
This 56-hour diploma course offers a broad introduction to data science, covering essential topics such as data acquisition, management, wrangling, and basic visualization techniques. Designed for students and professionals with basic programming skills, this course provides hands-on exercises and practical applications to ensure participants gain the necessary skills to advance their careers in data science.

By the end of this course, participants will:
1. Gain an understanding of the complete data science workflow, including data acquisition, wrangling, and visualization.
2. Develop intermediate-level Python programming skills and effectively use libraries such as numpy and pandas.
3. Create and interpret data visualizations using matplotlib and explore specialized topics like geospatial data analysis.

Who Should Attend?
This course is ideal for:
- Students from STEM and ABM backgrounds who have basic technical programming skills and want to know more about data science;
- Professionals who want to transition into or advance their careers in data science; and
- Individuals seeking to upskill and gain a solid foundation in data science techniques and tools.

Course Structure:
The hybrid course is delivered face-to-face in our DLSU-Manila Campus and online through our online learning management system.

Course Content:
- Data Science Primer
- Python Programming
- Data Collection
- Data Wrangling
- Feature Engineering
- Data Visualization
- Geospatial Data
- Machine Learning Primer

Course Details:
- Duration: 56 hours
- Prerequisites: Data Preparation with Python
- Required Software: Conda and Jupyter Notebook, Python

Pre-requisite:
All interested participants should have completed the Data Preparation with Python program.

Schedule:
June 28, July 5, 12, 19, 26, August 2, 9, 2025 (8:00 AM - 5:30 PM)
8:00 AM - 12:00 NN & 12:30 PM - 3:30 PM *(Face to Face)*
3:30 PM - 5:30 PM *(Asynchronous at Learner's own pace)*

Venue:
Dr. Andrew L. Tan - Data Science Institute, Venice Corporate Center - McKinley Hill Campus, BGC Taguig City.

Course Fee: P30,000.00 *(Deadline of payment on or before May 30, 2025)*
(Training fee is net of all applicable tax. No withholding tax should be deducted from this investment cost)

Register Now!!!

This course is OPEN TO THE PUBLIC.

Course Orientation:
The course orientation will commence during the first hour of Day 1.

Don't miss this opportunity to elevate your data science skills. Enroll now and begin your journey towards becoming a proficient data scientist!

For more information, contact us at SoLL@dlsu.edu.ph or aileen.legaspi@dlsu.edu.ph.

We look forward to seeing you in the course!