



SCHOOL OF
LIFELONG
LEARNING

Dr. Andrew L. Tan
Data Science Institute



Dr. Andrew L. Tan Data Science Institute
in cooperation with the
School of Lifelong Learning
cordially invites you to an online course on

DATA PREPARATION WITH PYTHON

This 24-hour introductory course is designed to provide students with the basic Python concepts, techniques, and tools necessary for preparing any type of data for deeper and complex analysis. This course will explain the importance of exploring and preparing data prior to data analysis. Once data has been acquired, specific characteristics about the data have to be understood to appreciate the data's complexity and perform an informed analysis later. At the end of the course, the student is expected to have a fundamental knowledge of how data can be collected and prepared using Python in order to be used to gain insights in real-world applications.

WHO IS THIS COURSE FOR?

This course was designed for individuals who have no programming experience in Python or completely new to programming. It is recommended that this course be taken prior to the more advanced courses in data science offered such as Foundations of Data Science, Data Visualization, and Introduction to Machine Learning.

HOW WILL THE COURSE BE CONDUCTED?

The course will be fully online and course materials will be delivered through our online learning management system, AnimoSpace. Asynchronous videos and activities are provided weekly for students to accomplish prior to the synchronous sessions held every Saturday 10:00 AM to 12:00 PM and 1:00 PM to 3:00 PM.

Prerequisites: None

Required software: Python and Jupyter Notebook

Duration: 24 hours

Course Coverage:

- [Module 1: Python Programming](#)
 - Variables, Expressions, Statements
 - Input and Output
 - Functions
 - Conditionals
 - Loops
 - Arrays and Lists
- [Module 2: Data Preparation](#)
 - Basic Data Collection
 - Basic Data Cleaning and Wrangling
 - Exploratory Data Analysis

Webinar fees:

Limited slots are available.

- ₱24,000 for Non-DLSU individuals*
- ₱18,000 for DLSU GS Students and UG Students (25% discount)
- ₱18,600 for DLSU Faculty (22.5% discount)
- ₱19,200 for DLSU Alumni/ SoLL/CPDB Alumni (20% discount)
- ₱19,800 for DLSP Faculty and Staff (17.5% discount)

*Non-DLSU participants will be considered as DLSU-SoLL alumni and entitled for a bigger discount for the succeeding training.

Early bird rate: Additional 10% discount if you pay on or before June 18, 2022.

Last day of registration will be on June 29, 2022

JULY 2 TO 30, 2022

[CLICK FOR SCHEDULE](#)

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