

# Data Insight

Knowledge for Insight from Data

## DATA SCIENTIST PROGRAM

### Assignment - Importing, Cleaning and Visualizing Data in Python

Understanding how to prepare your data is an essential skill for working in Python. It's what you have to do before you can reveal the insights that matter. Visualizing data in plots and figures exposes the underlying patterns in the data and provides insights. Good visualizations also help you communicate your data to others, and are useful to data analysts and other consumers of the data.

In this assignment, give a **comprehensive tutorial** on at least one of the following topics:

- Importing Data in Python
- Cleaning Data in Python
- Visualizing Data in Python

Explain in detail all the important concepts. Give coding examples to illustrate your point. Your code should be written in a Jupyter notebook.

Upload your notebook to your GitHub repository.

Write a blog post to complete this task. The blog post should be written [here](#) with code from your notebook embedded (use the code snippet option instead of taking screenshots of your code).

Submit the link to your notebook and blog post [here](#). Submission is due on or before Dec. 8, 2021.