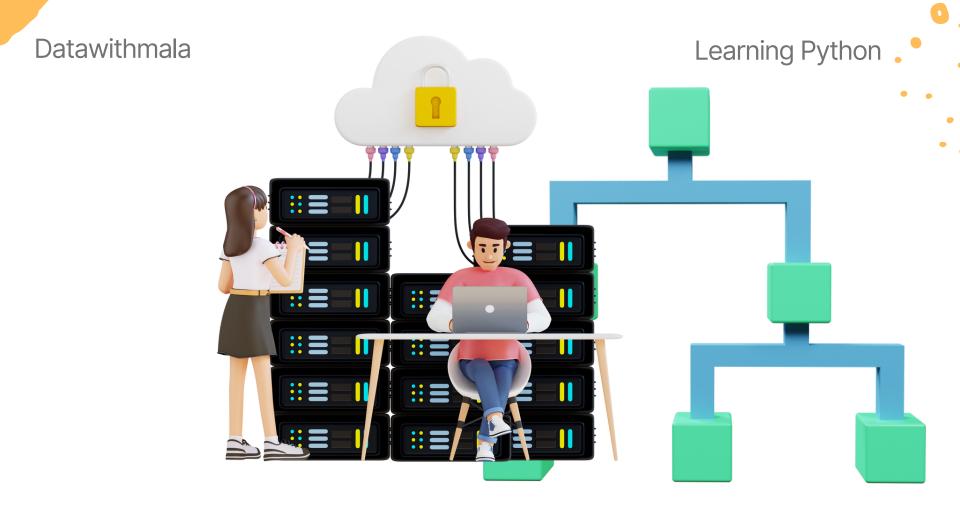
Data Ingestion with Pandas

Importing Data in Python

CSV, Excel, HTML, SQL, and JSON



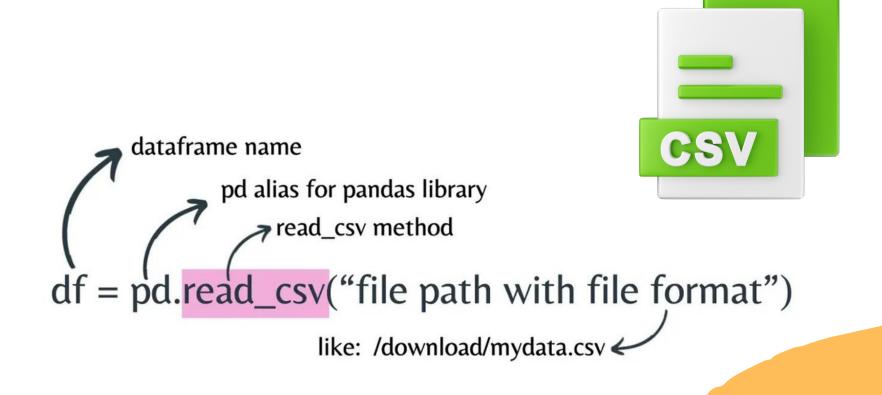


Data ingestion is the process of pulling data from a variety of sources into your system with the purpose of easily exploring, maintaining, and using it for your own use.

Let's see how to transfer data from various formats such as *CSV*, *Excel*, *HTML*, *SQL*, *and JSON* into a Pandas dataframe object.

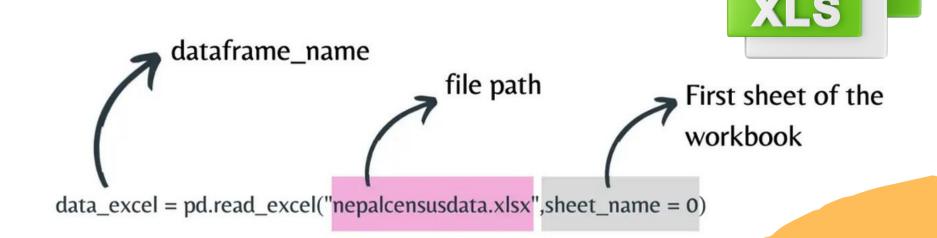
Importing CSV

Comma Separated Values (CSV) file is a plain text file that stores data by delimiting data entries with commas.



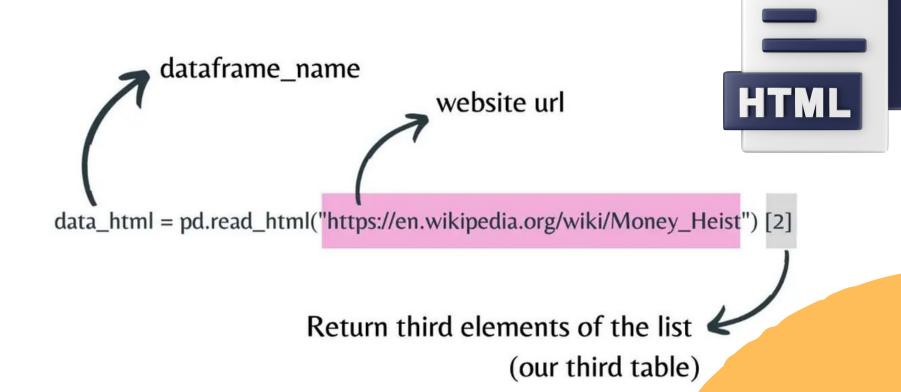
Importing Excel

Excel sheets (spreadsheets) are still widely used in various domains. Excel is widely used, for developing budgeting strategies to track daily student attendance.



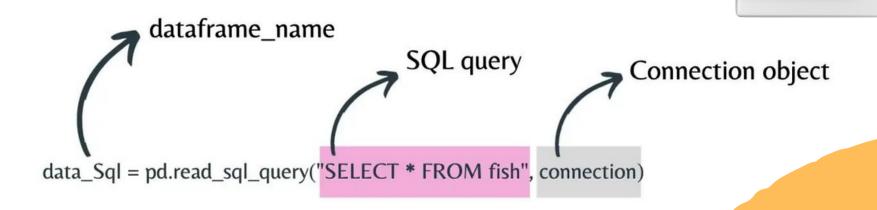
Importing HTML

The HyperText Markup Language or HTML is the standard markup language for documents designed to be displayed in a web browser.



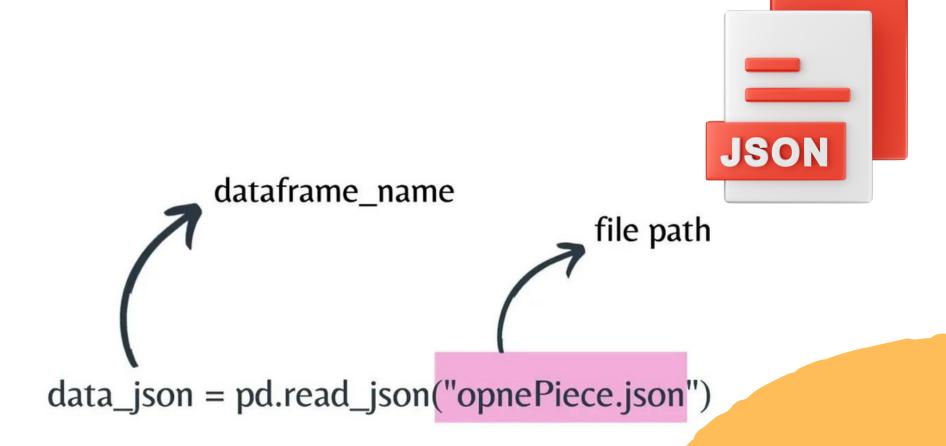
Importing SQL

Structured Query Language (SQL) is a standard language for storing, manipulating, and retrieving data in databases.



Importing JSON

JavaScript Object Notation (JSON) is the most common file format preferred by web developers and data engineers.





Of course, acquiring data is just the beginning.

After this, you need to explore data and play with it before you get deep into a data science project.

If you would like to take a deep dive into the data science project, check out the link in the bio.



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