

# *File Handling In Python*



Pandas is a powerful library in Python for data manipulation and analysis. It provides easy-to-use data structures and data analysis tools for handling structured data smoothly.

## *File Handling In Python With Pandas*

File handling with pandas primarily involves reading from and writing to files, which allows you to perform operations such as create, read, update, and delete (CRUD) on data stored in CSV files.

- **Create:** Use `to_csv` to write a DataFrame to a new CSV file.
- **Read:** Use `read_csv` to load data from a CSV file into a DataFrame.
- **Update:** Modify the DataFrame by adding, updating, or removing rows and then save it back to the CSV file using `to_csv`.
- **Delete:** Use the `os` module to remove the file from the filesystem.

Pandas provides a simple and powerful way to handle CSV files and perform CRUD operations. This approach can be extended to handle more complex data manipulations and other file formats as well.

For More In Detail Visit My Project

GitHub:-<https://github.com/1divysoni>

My WebSite:-<https://dsprofile.pythonanywhere.com/>