

Pandas

| | |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CSV | <pre>df = pd.read_csv('file.csv') df.to_csv('file.csv', index=False)</pre> |
| Exce | <pre>df = pd.read_excel('file.csv') df.to_excel('file.csv', index=False)</pre> |
| JSON | <pre>df = pd.read_json('file.json') df.to_json('file.json', orient='records', lines=True)</pre> |
| SQL | <pre>from sqlalchemy import create_engine engine = create_engine('sqlite:///database.db') df = pd.read_sql('table_name', engine) df.to_sql('table_name', engine, if_exists='replace', index=False)</pre> |

A pandas DataFrame (df) is similar to a table in a database or an Excel spreadsheet.

Strings

| | |
|---------------------------------------|-------------------------------------------|
| R strings (<i>raw</i>) | <code>path = r"C:\path\to\file"</code> |
| F strings (<i>formatted</i>) | <code>greeting = f"Hello, {name}!"</code> |
| <code>str.format()</code> | <code>"Hello {}".format("World")</code> |
| <code>str.split()</code> | <code>["Hello", "World"]</code> |



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