

### 1. Text Files:

Example of reading a space-delimited text file:

```
import pandas as pd

df_text = pd.read_csv('file.txt', sep='\s+')

print(df_text)
```

OUTPUT:

	name	age	city
0	John	25	New York
1	Alice	30	Los Angeles
2	Bob	22	Chicago

### 2. CSV Files:

CSV (Comma-Separated Values) files are very common, and pandas makes it easy to read them with the `read_csv()` function.

```
import pandas as pd

df_csv = pd.read_csv('file.csv')

print(df_csv)
```

OUTPUT:

	name	age	city
0	John	25	New York
1	Alice	30	Los Angeles
2	Bob	22	Chicago

### 3. Excel Files:

Excel files (either `.xls` or `.xlsx`) are read using `read_excel()`. You might need to install the `openpyxl` package for `.xlsx` files and `xlrd` for `.xls` files.

```
import pandas as pd
```

```
df_excel = pd.read_excel('file.xlsx')  
  
print(df_excel)  
  
df_excel_sheet = pd.read_excel('file.xlsx', sheet_name='Sheet1')  
  
print(df_excel_sheet)
```

OUTPUT:

	name	age	city
0	John	25	New York
1	Alice	30	Los Angeles
2	Bob	22	Chicago

#### 4. JSON Files:

JSON (JavaScript Object Notation) files can be read directly with `read_json()`.

```
import pandas as pd  
  
df_json = pd.read_json('file.json')  
  
print(df_json)
```

OUTPUT:

	name	age	city
0	John	25	New York
1	Alice	30	Los Angeles
2	Bob	22	Chicago