# Learning to use f-strings and data frames in Quarto

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**My Specific Use Case Involves F-Strings, DataFrames, and Graphs/Figures**

Python Data Frames are a core data structure for working in (**Python**)

F-strings are a way to put variables/code results in your strings

Some libraries you might want to use for making charts in Python include:

- Matplotlib
- Seaborne
- Plotly

**This is a Pandas DataFrame about meteorite landings. These are the earliest five in our data set.**

|     | id    | nametype | mass (g) | year   |
|-----|-------|----------|----------|--------|
| 704 | 16988 | Valid    | 472.0    | 860.0  |
| 679 | 16914 | Valid    | NaN      | 920.0  |
| 278 | 7823  | Valid    | 107000.0 | 1399.0 |
| 856 | 22614 | Valid    | 103.3    | 1490.0 |
| 283 | 10039 | Valid    | 127000.0 | 1491.0 |

**This is a scatterplot.**

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**This is an f-string**

According to our data, the number of meteors between 1995 and 2000 is 8946.