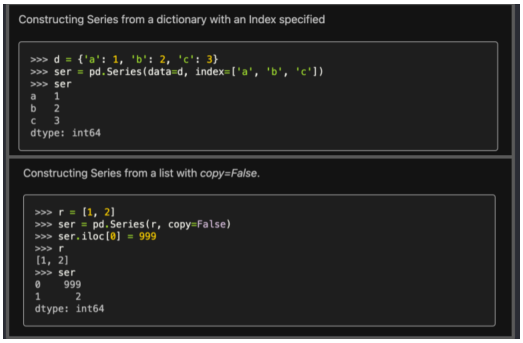
DataFrames

- A pandas object that is used to store a dataset
- Information is organized in rows and columns
- Dataframes simplify common operations, like sorting data

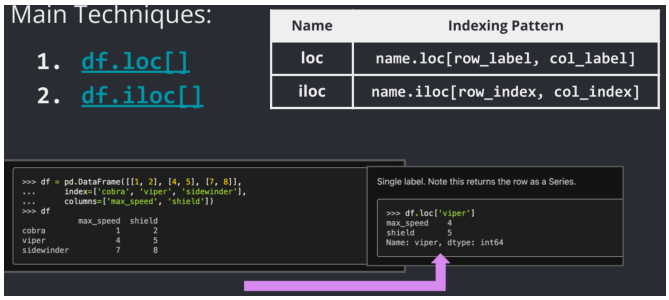
Series

- A pandas object used to create dataframes
- Seen as a one-dimensional of data
    - Think of



Indexing into Dataframes

- Main Techniques:
    - df.loc[]
    - Df.iloc[]



Selection

- The process of accessing a subset of a dataframe. You can select subsets using loc and iloc.

Filtering

- Selecting values of a dataset where certain conditions are true

- df[condition]

Combining Data Frames

- Three techniques
    - Concatenate: naively combines along an axis
    - Merge: Combine through shared column
    - Join: Combine using shared indices