

- A dataframe is an object that stores data as rows and columns.
 - you can think of a dataframe as a spreadsheet or as an SQL table.
 - you can manually create a dataframe or fill it with data from a CSV, an excel spreadsheet, or a SQL query.
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- DFs have rows and columns. Each column has a name, which is a string. Each row has an index, which is an integer.
- DFs can contain many different data types: strings, ints, floats.

- To generate your own DF, you can pass in a dictionary to

"pd.DataFrame()". Each key is a column name and each value is a list of column values.

- The columns must all be the same length or you will get an error.

- A faster way to do this is to pass in your data as a list of lists.

- Each one will represent a row of data, and a keyword will be used to pass whatever you'd like.