

[illegible]

DataFrame

The diagram illustrates a DataFrame structure. It features a table with 6 rows and 5 columns. The columns are labeled Name, Team, Number, Position, and Age. The rows are indexed 0 to 5. Annotations include: 'Columns' with arrows pointing to the column headers; 'Rows' with arrows pointing to the row indices; a pink bracket under the last two columns labeled 'Data'; and a green logo in the bottom right corner.

	Name	Team	Number	Position	Age
0	Avery Bradley	Boston Celtics	0.0	PG	25.0
1	John Holland	Boston Celtics	30.0	SG	27.0
2	Jonas Jerebko	Boston Celtics	8.0	PF	29.0
3	Jordan Mickey	Boston Celtics	NaN	PF	21.0
4	Ferry Ruzier	Boston Celtics	12.0	PG	22.0
5	Jared Sullinger	Boston Celtics	7.0	C	(NaN)
6	Evan Turner	Boston Celtics	11.0	SG	27.0

DataFrame

The diagram illustrates a DataFrame structure. At the top, the word "Columns" is written in blue, with two arrows pointing down to the column headers "Name" and "Team". Below the table, the word "Index" is written in red, with three arrows pointing to the row indices 0, 1, and 2. The word "Values" is written in purple, with a bracket pointing to the data cells in the "Number" column. The DataFrame contains 6 rows and 5 columns: Name, Team, Number, Position, and Age.


	Name	Team	Number	Position	Age
0	Avery Bradley	Boston Celtics	0.0	PG	25.0
1	John Holland	Boston Celtics	30.0	SG	27.0
2	Jonas Jerebko	Boston Celtics	8.0	PF	29.0
3	Jordan Mickey	Boston Celtics	NaN	PF	21.0
4	Terry Rozier	Boston Celtics	12.0	PG	22.0
5	Jared Sullinger	Boston Celtics	7.0	C	NaN
6	Evan Turner	Boston Celtics	11.0	SG	27.0

Annotations:

- Columns:** Points to the "Name" and "Team" headers.
- Index:** Points to the row indices 0, 1, and 2.
- Values:** Points to the data cells in the "Number" column.

Logo:

Series & DataFrame



The image displays the logos for four data science tools: Python (a blue and yellow snake), Pandas (a white panda head), Anaconda (the word 'ANACONDA' in green), and Jupyter (an orange and white circular logo with the word 'jupyter' in black). These logos are arranged in a cluster on a light beige background.

- ◆ Create
- ◆ Copy
- ◆ Indexing (reindex)
- ◆ Drop columns
- ◆ Selection
 - ◆ condition
 - ◆ .loc
 - ◆ .iloc
- ◆ Read data file
- ◆ Write data file