

using Nr.

`df.iloc`

$$\text{df}[\underline{\text{rows}}, \underline{\text{cols}}] \quad \checkmark$$

2 1

Rows:

$$\begin{matrix} \cdot & \cdot \\ \cdot & \cdot \\ \cdot & \cdot \end{matrix}$$

$[1:5]$ $[1:4]$
 $[1,2,3]$ $[2,4,6]$

`df.iloc[1, :]` ✓`df.iloc[1:4, :]``df.iloc[[1,3,5], :]`

\leftarrow leave nt columns \rightarrow
 Exception for rows.

Columns:

`df.iloc[:, 1]``df.iloc[:, 1:4]``df.iloc[:, [1,2,5]]`

using labels

`df.loc`

Rows -

`df.loc['e4', :]` ✓`df.loc['e1': 'e5', :]``df.loc[[e1, e5, e7], :]`

Columns -

`df[] → df.loc[:, 'ename']``df.loc[:, 'ename': 'Salary']``df[] → df.loc[:, ['eid', 'job']]`

\downarrow Exception - for cols

`df['ename']``df[[ename]]`

DataFrames

columns . }
index . } attributes
Shape . }

Functions

head() →
tail()
info()
describe()