

df = pd.DataFrame (data, columns = [...], index = [...])

total length
len(df.index)

df.index.values
df.index
returns RangeIndex
pd.read_csv()

	A	B
0	11	11
1	4	4
2	4	11

fun(start, end, jump, name)
= pd.RangeIndex(8, name='Index')
(8, 0, 1)

df['A']

to get data
wert
to get
data (how)

To remove this default index

df.set_index('A', inplace=True)

df.rename(index={0:'a', 1:'b', 2:'c'}, inplace=True)
columns = {'A': 'a'}

df.reset_index(inplace=True)

df.iloc[index]

df.loc[index]

to use
only use
index
because

cause index
& string

(default is)

arr = pd.array([1, 2, 3])
ser = pd.Series(arr)
df = pd.DataFrame(arr)

same as
numpy

df.head(no. of elements)
df.tail()
df.info()

tells about each column
⇒ non-null elements count
⇒ dtype
⇒ total size of df.

df.drop(index=[0, 1], columns=['A'], inplace=True)

df.loc

df.loc[1:, ['A']]
↓ can also do
boolean indexing
df.loc[df.loc[:, 'Age'] > 18]

A
1
11

df.loc[df['name'].isin(['A', 'B'])]

to search
something

df.loc[df['Age'] > 18] ↔ df.query('Age > 18')

df.iloc

df.iloc[:, [0, 2]]
index column
A B C
0 1 2
1 1 1
2 1 1

A	B
0	1
1	1
2	1

.to_string()
these stuff
is removed

A	B
0	1
1	1
2	1

to remove
this part (index=False)