AniPython

数据 赋值

```python
import pandas as pd

s = pd.Series(
    [1, 2, 3],
    index=list('ABC')
)
```

Series

A	1
B	2
C	3
dytpe: int64	

Series

A	1
B	2
C	3
dytpe: int64	

```
s[0] = 10
```

Series

A	1
B	2
C	3
dytpe: int64	

```
s[0] = 10
```

Series

A	10
B	2
C	3
dytpe: int64	

```
s[0] = 10
s.iloc[1] = 11
```

Series

A	10
B	2
C	3
dytpe: int64	

```
s[0] = 10
s.iloc[1] = 11
```

Series

A	10
B	11
C	3
dytpe: int64	

```
s[0] = 10
s.iloc[1] = 11
s.loc['C'] = 12
```

Series

A	10
B	11
C	3
dytpe: int64	

```
s[0] = 10
s.iloc[1] = 11
s.loc['C'] = 12
```

Series

A	10
B	11
C	12
dytpe: int64	

```
s[0] = 10
s.iloc[1] = 11
s.loc['C'] = 12
s.loc['D'] = 13
```

Series

A	10
B	11
C	12
dytpe: int64	

```
s[0] = 10
s.iloc[1] = 11
s.loc['C'] = 12
s.loc['D'] = 13
```

Series

A	10
B	11
C	12
D	13
dytpe: int64	

```
s[0] = 10
s.iloc[1] = 11
s.loc['C'] = 12
s.loc['D'] = 13
s.iloc[1:3] = 20
```

Series

A	10
B	11
C	12
D	13
dytpe: int64	

```
s[0] = 10
s.iloc[1] = 11
s.loc['C'] = 12
s.loc['D'] = 13
s.iloc[1:3] = 20
```

Series

A	10
B	20
C	20
D	13
dytpe: int64	

```
s[0] = 10
s.iloc[1] = 11
s.loc['C'] = 12
s.loc['D'] = 13
s.iloc[1:3] = 20
s.loc['C':'D'] = 30
```

Series

A	10
B	20
C	20
D	13
dytpe: int64	

```
s[0] = 10
s.iloc[1] = 11
s.loc['C'] = 12
s.loc['D'] = 13
s.iloc[1:3] = 20
s.loc['C':'D'] = 30
```

Series

A	10
B	20
C	30
D	30
dytpe: int64	

```
s[0] = 10
s.iloc[1] = 11
s.loc['C'] = 12
s.loc['D'] = 13
s.iloc[1:3] = 20
s.loc['C':'D'] = 30
s[s>25] = 100
```

Series

A	10
B	20
C	30
D	30
dytpe: int64	

```
s[0] = 10
s.iloc[1] = 11
s.loc['C'] = 12
s.loc['D'] = 13
s.iloc[1:3] = 20
s.loc['C':'D'] = 30
s[s>25] = 100
```

Series

A	10
B	20
C	100
D	100
dytpe: int64	

```python
import pandas as pd

data = [
    [1,2,3,4],
    [5,6,7,8],
    [9,10,11,12],
]
df = pd.DataFrame(
    data,
    columns=list('ABCD'),
    index=list('XYZ')
)
```

DataFrame

	A	B	C	D
X	1	2	3	4
Y	5	6	7	8
Z	9	10	11	12

DataFrame

	A	B	C	D
X	1	2	3	4
Y	5	6	7	8
Z	9	10	11	12

```
df['A'] = 100
```

DataFrame

	A	B	C	D
X	1	2	3	4
Y	5	6	7	8
Z	9	10	11	12

```
df['A'] = 100
```

DataFrame

	A	B	C	D
X	100	2	3	4
Y	100	6	7	8
Z	100	10	11	12

```
df['A'] = 100
df['B'] = df['B'] * 10
```

DataFrame

	A	B	C	D
X	100	2	3	4
Y	100	6	7	8
Z	100	10	11	12

```
df['A'] = 100
df['B'] = df['B'] * 10
```

DataFrame

	A	B	C	D
X	100	20	3	4
Y	100	60	7	8
Z	100	100	11	12

```
df['A'] = 100

df['B'] = df['B'] * 10

df['E'] = df['C'] + df['D']
```

DataFrame

	A	B	C	D
X	100	20	3	4
Y	100	60	7	8
Z	100	100	11	12

```
df['A'] = 100

df['B'] = df['B'] * 10

df['E'] = df['C'] + df['D']
```

DataFrame

	A	B	C	D	E
X	100	20	3	4	7
Y	100	60	7	8	15
Z	100	100	11	12	23

```
df['A'] = 100

df['B'] = df['B'] * 10

df['E'] = df['C'] + df['D']

df.loc[df['E']>10, 'E'] = 200
```

DataFrame

	A	B	C	D	E
X	100	20	3	4	7
Y	100	60	7	8	15
Z	100	100	11	12	23

```
df['A'] = 100

df['B'] = df['B'] * 10

df['E'] = df['C'] + df['D']

df.loc[df['E']>10, 'E'] = 200
```

DataFrame

	A	B	C	D	E
X	100	20	3	4	7
Y	100	60	7	8	200
Z	100	100	11	12	200

```
df['A'] = 100

df['B'] = df['B'] * 10

df['E'] = df['C'] + df['D']

df.loc[df['E']>10, 'E'] = 200

df.loc['Y':'Z', 'C':'D'] = 666
```

DataFrame

	A	B	C	D	E
X	100	20	3	4	7
Y	100	60	7	8	200
Z	100	100	11	12	200

```
df['A'] = 100

df['B'] = df['B'] * 10

df['E'] = df['C'] + df['D']

df.loc[df['E']>10, 'E'] = 200

df.loc['Y':'Z', 'C':'D'] = 666
```

DataFrame

	A	B	C	D	E
X	100	20	3	4	7
Y	100	60	666	666	200
Z	100	100	666	666	200

```python
import pandas as pd
s = pd.Series(
    [1, 2, 3],
    index=list('ABC'))
s[0] = 10
s.iloc[1] = 11
s.loc['C'] = 12
s.loc['D'] = 13
s.iloc[1:3] = 20
s.loc['C':'D'] = 30
s[s>25] = 100
```

```python
import pandas as pd
data = [[1,2,3,4],
        [5,6,7,8],
        [9,10,11,12]]
df = pd.DataFrame(
    data,
    columns=list('ABCD'),
    index=list('XYZ'))
df['A'] = 100
df['B'] = df['B'] * 10
df['E'] = df['C'] + df['D']
df.loc[df['E']>10, 'E'] = 200
df.loc['Y':'Z', 'C':'D'] = 666
```