```python
7   import pandas as pd
    from datetime import datetime
```

```python
12  data = [
        datetime(2020, 1, 1),
        datetime(2020, 1, 2),
        datetime(2020, 1, 3),
        datetime(2020, 1, 4),
        datetime(2020, 1, 5),
    ]
    data
```

```
12  [datetime.datetime(2020, 1, 1, 0, 0),
     datetime.datetime(2020, 1, 2, 0, 0),
     datetime.datetime(2020, 1, 3, 0, 0),
     datetime.datetime(2020, 1, 4, 0, 0),
     datetime.datetime(2020, 1, 5, 0, 0)]
```

```python
13  pd.Index(data)
```

```
13  DatetimeIndex(['2020-01-01', '2020-01-02', '2020-01-03', '2020-01-04',
                   '2020-01-05'],
                  dtype='datetime64[ns]', freq=None)
```

```python
14  pd.DatetimeIndex(data)
```

```
14  DatetimeIndex(['2020-01-01', '2020-01-02', '2020-01-03', '2020-01-04',
                   '2020-01-05'],
                  dtype='datetime64[ns]', freq=None)
```

```python
15  pd.date_range(
        start='2020-01-01',
        end='2020-01-05',
        freq='D'
    )
```

```
15  DatetimeIndex(['2020-01-01', '2020-01-02', '2020-01-03', '2020-01-04',
                   '2020-01-05'],
                  dtype='datetime64[ns]', freq='D')
```

```python
16  pd.date_range(
        start='2020-01-01',
        end='2020-01-05',
        periods=5
    )
```

```
16  DatetimeIndex(['2020-01-01', '2020-01-02', '2020-01-03', '2020-01-04',
                   '2020-01-05'],
                  dtype='datetime64[ns]', freq=None)
```

```python
17  pd.date_range(
        start='2020-01-01',
        periods=5,
        freq='D'
    )
```

```
17  DatetimeIndex(['2020-01-01', '2020-01-02', '2020-01-03', '2020-01-04',
                   '2020-01-05'],
                  dtype='datetime64[ns]', freq='D')
```

```python
18  pd.date_range(
        end='2020-01-05',
        periods=5,
```

```
      freq='D'
 )
```

18 `DatetimeIndex(['2020-01-01', '2020-01-02', '2020-01-03', '2020-01-04',`
   `               '2020-01-05'],`
   `              dtype='datetime64[ns]', freq='D')`

19
```
pd.date_range(
    start='2020-01-01',
    periods=5,
    freq='W'
)
```

19 `DatetimeIndex(['2020-01-05', '2020-01-12', '2020-01-19', '2020-01-26',`
   `               '2020-02-02'],`
   `              dtype='datetime64[ns]', freq='W-SUN')`

20
```
pd.date_range(
    start='2020-01-01',
    periods=5,
    freq='W-MON'
)
```

20 `DatetimeIndex(['2020-01-06', '2020-01-13', '2020-01-20', '2020-01-27',`
   `               '2020-02-03'],`
   `              dtype='datetime64[ns]', freq='W-MON')`

21
```
pd.date_range(
    start='2020-01-01',
    periods=12,
    freq='M'
)
```

21 `DatetimeIndex(['2020-01-31', '2020-02-29', '2020-03-31', '2020-04-30',`
   `               '2020-05-31', '2020-06-30', '2020-07-31', '2020-08-31',`
   `               '2020-09-30', '2020-10-31', '2020-11-30', '2020-12-31'],`
   `              dtype='datetime64[ns]', freq='M')`

22
```
pd.date_range(
    start='2020-01-01',
    periods=12,
    freq='MS'
)
```

22 `DatetimeIndex(['2020-01-01', '2020-02-01', '2020-03-01', '2020-04-01',`
   `               '2020-05-01', '2020-06-01', '2020-07-01', '2020-08-01',`
   `               '2020-09-01', '2020-10-01', '2020-11-01', '2020-12-01'],`
   `              dtype='datetime64[ns]', freq='MS')`

23
```
pd.date_range(
    start='2020-01-01',
    periods=3,
    freq='3MS'
)
```

23 `DatetimeIndex(['2020-01-01', '2020-04-01', '2020-07-01'], dtype='datetime64[ns]', freq='3MS')`

24
```
pd.date_range(
    start='2020-01-01',
    periods=3,
    freq='1H30min10S'
)
```

24 `DatetimeIndex(['2020-01-01 00:00:00', '2020-01-01 01:30:10',`
   `               '2020-01-01 03:00:20'],`
   `              dtype='datetime64[ns]', freq='5410S')`