```
import pandas as pd


data = {
'USN': [1, 2, 3, 4],

'Name': ['Alice', 'Bob', 'Charlie', 'David'],


'Marks': [88,89,90,91]

}

df = pd.DataFrame(data)

print("Sample data:")

print(df.head())
```

```
Sample data:
   USN     Name  Marks
0    1    Alice     88
1    2      Bob     89
2    3  Charlie     90
3    4    David     91
```

```
from sklearn.datasets import load_diabetes

diabetes = load_diabetes()

df = pd.DataFrame(diabetes.data, columns=diabetes.feature_names)

df['target'] = diabetes.target

print("Sample data:")

print(df.head())
```

```
Sample data:
        age       sex       bmi        bp        s1        s2        s3  \
0  0.038076  0.050680  0.061696  0.021872 -0.044223 -0.034821 -0.043401
1 -0.001882 -0.044642 -0.051474 -0.026328 -0.008449 -0.019163  0.074412
2  0.085299  0.050680  0.044451 -0.005670 -0.045599 -0.034194 -0.032356
3 -0.089063 -0.044642 -0.011595 -0.036656  0.012191  0.024991 -0.036038
4  0.005383 -0.044642 -0.036385  0.021872  0.003935  0.015596  0.008142

         s4        s5        s6  target
0 -0.002592  0.019907 -0.017646   151.0
1 -0.039493 -0.068332 -0.092204    75.0
2 -0.002592  0.002861 -0.025930   141.0
3  0.034309  0.022688 -0.009362   206.0
4 -0.002592 -0.031988 -0.046641   135.0
```

```
file_path = 'sample_sales_data.csv'

df = pd.read_csv(file_path)

print("Sample data:")

print(df.head())

print("\n")
```

```
Sample data:
   Index      Customer Id First Name Last Name  \
0      1  DD37Cf93aecA6Dc     Sheryl    Baxter
1      2  1Ef7b82A4CAAD10    Preston    Lozano
2      3  6F94879bDAfE5a6        Roy     Berry
3      4  5Cef8BFA16c5e3c      Linda     Olsen
4      5  053d585Ab6b3159     Joanna    Bender

                           Company               City  \
0                  Rasmussen Group       East Leonard
1                      Vega-Gentry  East Jimmychester
2                    Murillo-Perry      Isabelborough
3  Dominguez, Mcmillan and Donovan         Bensonview
4         Martin, Lang and Andrade     West Priscilla
```

```
                       Country                Phone 1                Phone 2  \
0                        Chile            229.077.5154       397.884.0519x718
1                     Djibouti              5153435776       686-620-1820x944
2           Antigua and Barbuda         +1-539-402-0259    (496)978-3969x58947
3            Dominican Republic  001-808-617-6467x12895        +1-813-324-8756
4    Slovakia (Slovak Republic)  001-234-203-0635x76146  001-199-446-3860x3486

                          Email Subscription Date                    Website
0      zunigavanessa@smith.info        2020-08-24   http://www.stephenson.com/
1                vmata@colon.com        2021-04-23        http://www.hobbs.com/
2           beckycarr@hogan.com        2020-03-25     http://www.lawrence.com/
3   stanleyblackwell@benson.org        2020-06-02   http://www.good-lyons.com/
4       colinalvarado@miles.net        2021-04-17  https://goodwin-ingram.com/
```

```
df = pd.read_csv('diabetes_data.csv')

print("Sample data:")

print(df.head())
```

```
Sample data:
     ID  No_Pation Gender  AGE  Urea  Cr  HbA1c  Chol   TG  HDL  LDL  VLDL  \
0  502      17975      F   50   4.7  46    4.9   4.2  0.9  2.4  1.4   0.5
1  735      34221      M   26   4.5  62    4.9   3.7  1.4  1.1  2.1   0.6
2  420      47975      F   50   4.7  46    4.9   4.2  0.9  2.4  1.4   0.5
3  680      87656      F   50   4.7  46    4.9   4.2  0.9  2.4  1.4   0.5
4  504      34223      M   33   7.1  46    4.9   4.9  1.0  0.8  2.0   0.4

    BMI CLASS
0  24.0     N
1  23.0     N
2  24.0     N
3  24.0     N
4  21.0     N
```

```
Start coding or generate with AI.
```

```
Start coding or generate with AI.
```