```
import pandas as pd
import numpy as np
df=pd.DataFrame(np.random.randn(4,3),index=['a','c','d','f'],columns=['one','two','three'])
df=df.reindex(['a','b','c','d','e','f'])
print("Original DataFrame with Nan\n",df)
print("Dropped DataFrame\n",df.dropna())
print("\n")
```

```
Original DataFrame with Nan
          one       two     three
a  1.048233 -0.036392 -0.235995
b       NaN       NaN       NaN
c -0.199035 -0.134026 -1.289099
d -0.923574  0.449931 -0.394605
e       NaN       NaN       NaN
f -1.271294  0.086116  0.455748
Dropped DataFrame
          one       two     three
a  1.048233 -0.036392 -0.235995
c -0.199035 -0.134026 -1.289099
d -0.923574  0.449931 -0.394605
f -1.271294  0.086116  0.455748
```

```
 print("NaN replaced with 0:\n",df.fillna(0))
print("\n")
```

```
NaN replaced with 0:
          one       two     three
a  1.048233 -0.036392 -0.235995
b  0.000000  0.000000  0.000000
c -0.199035 -0.134026 -1.289099
d -0.923574  0.449931 -0.394605
e  0.000000  0.000000  0.000000
f -1.271294  0.086116  0.455748
```

```
df=pd.DataFrame({'one':[10,20,30,40,50],'two':[60,70,80,0,10]})
print("Original DataFrame:\n,df")
print("\n DataFrame with replaced values: \n")
print(df.replace({10:5,80:3}))
```

```
Original DataFrame:
,df

 DataFrame with replaced values:

   one  two
```

```
   0    5   60
   1   20   70
   2   30    3
   3   40    0
   4   50    5
```

+ Code + Text

```
print("NaN filled with Background values:\n")
print(df.bfill())
```

```
NaN filled with Background values:

   one  two
0   10   60
1   20   70
2   30   80
3   40    0
4   50   10
```

Start coding or generate with AI.