PNT2022TMID21280_Efficient Water Quality Analysis & Prediction using Machine Learning.

Handling Missing Values:

```
In [7]: data.isnull().any()
```

```
Out[7]: STATION CODE                           False
        LOCATIONS                              False
        STATE                                  False
        Temp                                   False
        D.O. (mg/l)                            False
        PH                                     False
        CONDUCTIVITY (µmhos/cm)                False
        B.O.D. (mg/l)                          False
        NITRATENAN N+ NITRITENANN (mg/l)       False
        FECAL COLIFORM (MPN/100ml)             False
        TOTAL COLIFORM (MPN/100ml)Mean         False
        year                                   False
        dtype: bool
```

```
In [8]: data.isnull().sum()
```

```
Out[8]: STATION CODE                           0
        LOCATIONS                              0
        STATE                                  0
        Temp                                   0
        D.O. (mg/l)                            0
        PH                                     0
        CONDUCTIVITY (µmhos/cm)                0
        B.O.D. (mg/l)                          0
        NITRATENAN N+ NITRITENANN (mg/l)       0
        FECAL COLIFORM (MPN/100ml)             0
        TOTAL COLIFORM (MPN/100ml)Mean         0
        year                                   0
        dtype: int64
```