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1 C:\Users\Administrator\PycharmProjects\PYTHON\venv\
  Scripts\python.exe C:/Users/Administrator/
  PycharmProjects/PYTHON/WQ_Analysis.py
2 <class 'pandas.core.frame.DataFrame'>
3 RangeIndex: 195 entries, 0 to 194
4 Data columns (total 22 columns):
5  #      Column              Non-Null Count  Dtype
6  ---  -
7  0      Number              195 non-null   int64
8  1      Type                195 non-null   object
9  2      Name                195 non-null   object
10 3      WP_Type            195 non-null   object
11 4      sampleID           195 non-null   object
12 5      pH                 195 non-null   float64
13 6      Conductivity       195 non-null   int64
14 7      Temperature        195 non-null   object
15 8      Turbidity          195 non-null   object
16 9      FCR                 195 non-null   int64
17 10     E.coli              195 non-null   object
18 11     Ammonia             38 non-null    float64
19 12     Fluoride            38 non-null    float64
20 13     Hardness            38 non-null    float64
21 14     Iron                38 non-null    float64
22 15     Nitrate             37 non-null    object
23 16     Nitrite             38 non-null    float64
24 17     Phosphte            38 non-null    float64
25 18     Sulphate            38 non-null    float64
26 19     Latitude            195 non-null   float64
27 20     Longitude           195 non-null   float64
28 21     Altitude            194 non-null   float64
29 dtypes: float64(11), int64(3), object(8)
30 memory usage: 33.6+ KB
31 None
32
33      Number      pH      Conductivity
34      FCR      Ammonia      Fluoride \
35 count 195.000000 195.000000 195.000000 195.
36      000000 38.000000 38.000000
37 mean 98.000000 6.655795 181.394872 0.
38      015385 0.036842 0.049474
39 std 56.435804 0.568427 82.110518 0.
40      214834 0.054580 0.084019

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36 min      1.000000      5.570000      55.000000      0.
    000000      0.000000      0.000000
37 25%      49.500000      6.210000      115.500000      0.
    000000      0.010000      0.000000
38 50%      98.000000      6.590000      175.000000      0.
    000000      0.020000      0.000000
39 75%     146.500000      7.070000      222.500000      0.
    000000      0.047500      0.087500
40 max     195.000000      8.320000      490.000000      3.
    000000      0.270000      0.370000
41
42          Hardness      Iron      Nitrite      Phosphte
    Sulphate      Latitude \
43 count     38.000000     38.000000     38.000000     38.000000
    38.000000     195.000000
44 mean      56.184211     0.026579     0.020053     0.517632
    5.368421     11.831484
45 std       26.873935     0.042635     0.047670     0.678709
    12.506044     0.068267
46 min       10.000000     0.000000     0.000000     0.080000
    0.000000     11.712018
47 25%       36.250000     0.010000     0.004000     0.197500
    1.000000     11.781973
48 50%       52.500000     0.010000     0.005500     0.375000
    2.000000     11.830209
49 75%       78.750000     0.030000     0.009000     0.562500
    3.000000     11.871521
50 max      115.000000     0.240000     0.210000     4.000000
    59.000000     11.989857
51
52          Longitude      Altitude
53 count     195.000000     194.000000
54 mean      38.025159     2491.434536
55 std       0.072851     260.653500
56 min       37.874601     1961.800000
57 25%       37.970626     2292.800000
58 50%       38.022501     2510.750000
59 75%       38.097440     2658.750000
60 max       38.169945     3430.700000
61
62 Process finished with exit code 0

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