

Dataset Profiling Report

Dataset Overview

- **Rows:** 2200

- **Columns:** 8

Schema

- `N` : Int64

- `P` : Int64

- `K` : Int64

- `temperature` : Float64

- `humidity` : Float64

- `ph` : Float64

- `rainfall` : Float64

- `label` : String

Descriptive Statistics

`N`

- **Mean**: 50.5518

- **Min**: 0

- **Max**: 140

- **Std**: 36.9173

`P`

- **Mean**: 53.3627

- **Min**: 5

- **Max**: 145

- **Std**: 32.9859

`K`

- **Mean**: 48.1491

- **Min**: 5

- **Max**: 205

- **Std**: 50.6479

`temperature`

- **Mean**: 25.6162

- **Min**: 8.8257

- **Max**: 43.6755

- **Std**: 5.0637

`humidity`

- **Mean**: 71.4818

- **Min**: 14.258

- **Max**: 99.9819

- **Std**: 22.2638

`ph`

- **Mean**: 6.4695

- **Min**: 3.5048

- **Max**: 9.9351

- **Std**: 0.7739

`rainfall`

- **Mean**: 103.4637

- **Min**: 20.2113

- **Max**: 298.5601

- **Std**: 54.9584

Missing Value Analysis

- `N`: 0 missing (0.00%)

- `P`: 0 missing (0.00%)

- `K`: 0 missing (0.00%)

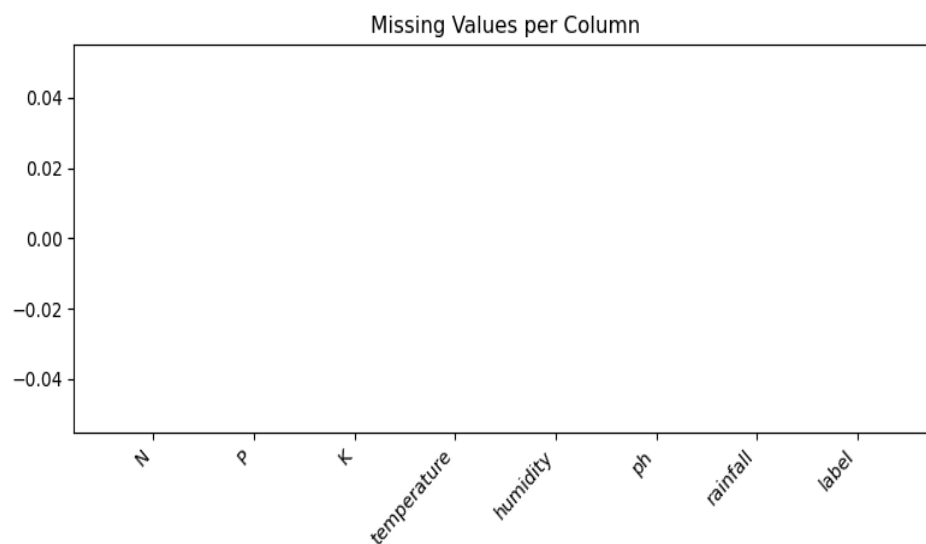
- `temperature`: 0 missing (0.00%)

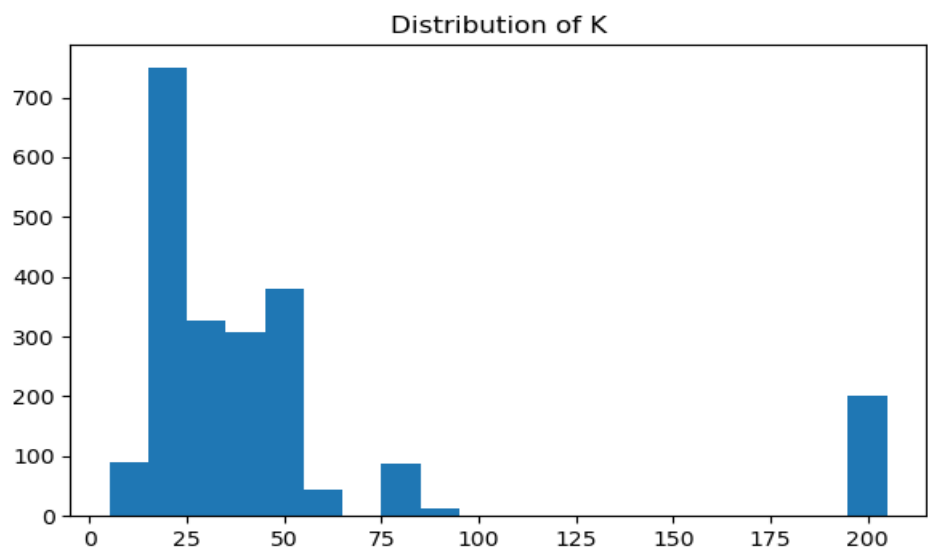
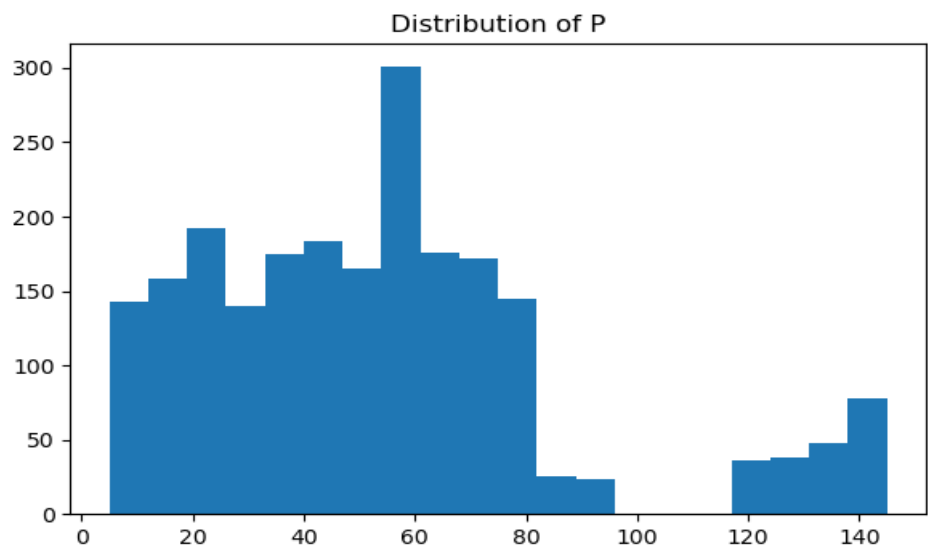
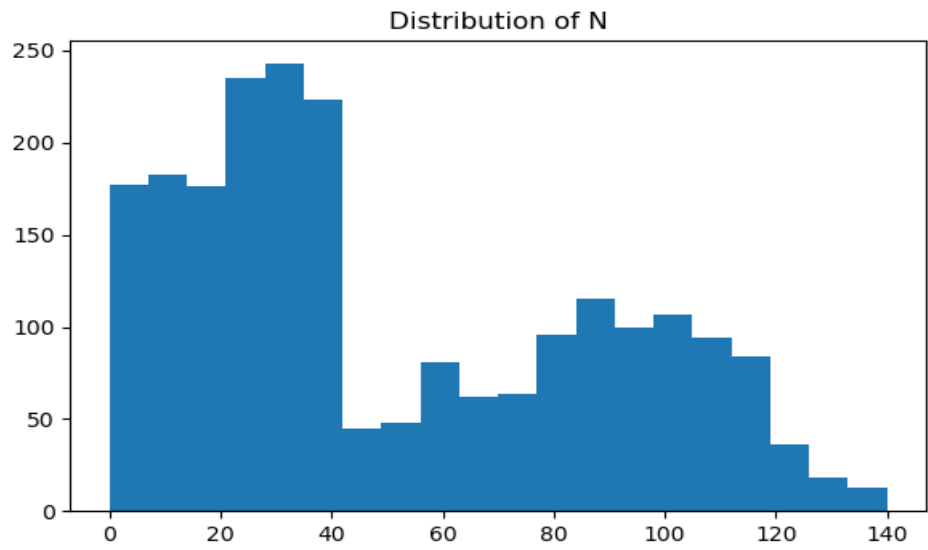
- `humidity`: 0 missing (0.00%)

- `ph`: 0 missing (0.00%)

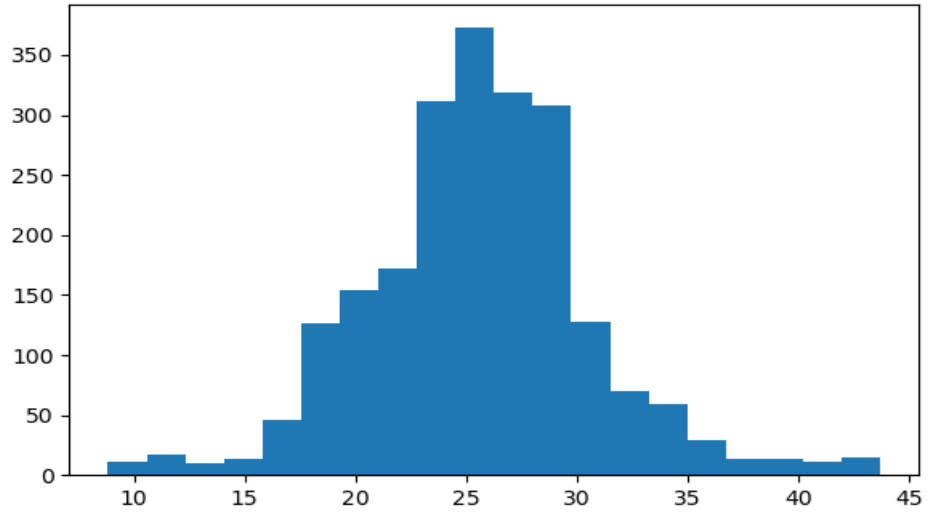
- `rainfall`: 0 missing (0.00%)

- `label`: 0 missing (0.00%)

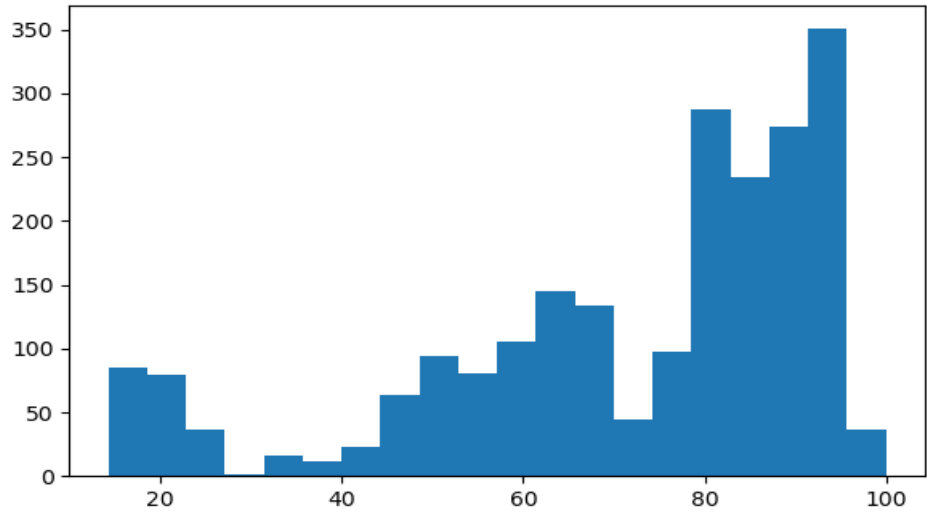




Distribution of temperature



Distribution of humidity



Distribution of ph

