Y\_Train\_EDA\_Report

Overview Variables Interactions Correlations Missing values Sample

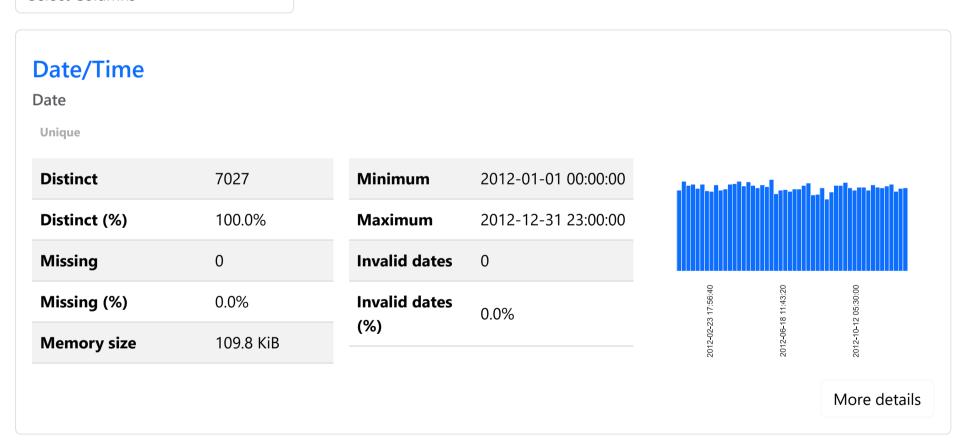
## Overview

Brought to you by YData

Overview Alerts 22 Reproduct	ion		
Dataset statistics		Variable types	
Number of variables	22	DateTime	1
Number of observations	7027	Numeric	18
Missing cells	0	Categorical	3
Missing cells (%)	0.0%		
Duplicate rows	0		
Duplicate rows (%)	0.0%		
Total size in memory	2.0 MiB		
Average record size in memory	295.8 B		

# **Variables**

Select Columns

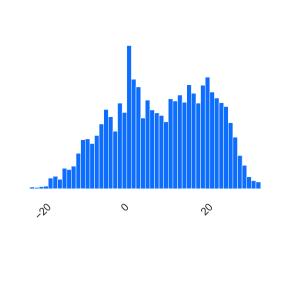


#### Temp\_C

Real number (ℝ)

528
7.5%
0
0.0%
0
0.0%
8.6830084

Minimum	-23.3
Maximum	33
Zeros	15
Zeros (%)	0.2%
Negative	1738
Negative (%)	24.7%
Memory size	109.8 KiB



More details

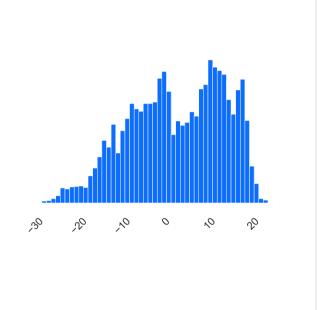
### **Dew Point Temp\_C**

Real number ( $\mathbb{R}$ )

High correlation

Distinct	488
Distinct (%)	6.9%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	2.4007115

Minimum	-28.5
Maximum	24.4
Zeros	29
Zeros (%)	0.4%
Negative	2987
Negative (%)	42.5%
Memory size	109.8 KiB



More details

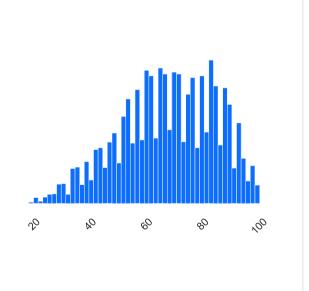
#### Rel Hum\_%

Real number ( $\mathbb{R}$ )

**High correlation** 

Distinct	83
Distinct (%)	1.2%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	67.237655

18
100
0
0.0%
0
0.0%
109.8 KiB



More details

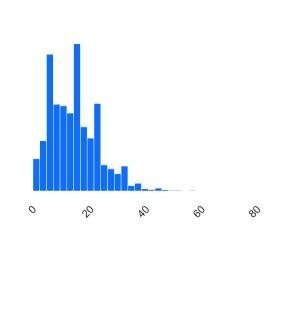
### Wind Speed\_km/h

Real number ( $\mathbb{R}$ )

High correlation Zeros

Distinct	34
Distinct (%)	0.5%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	15.034012

Minimum	0
Maximum	83
Zeros	242
Zeros (%)	3.4%
Negative	0
Negative (%)	0.0%
Memory size	109.8 KiB



More details

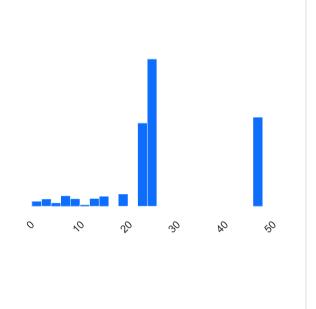
### Visibility\_km

Real number ( $\mathbb{R}$ )

High correlation

Distinct	24
Distinct (%)	0.3%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	27.764807

Minimum	0.2
Maximum	48.3
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	109.8 KiB



More details

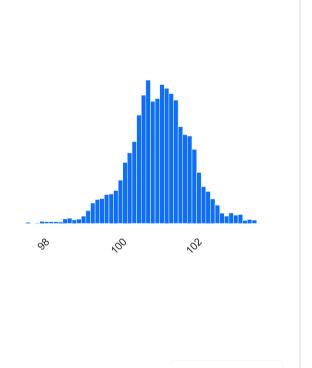
#### Press\_kPa

Real number ( $\mathbb{R}$ )

**High correlation** 

Distinct	504
Distinct (%)	7.2%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	101.0484

Minimum	97.52
Maximum	103.65
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	109.8 KiB



More details

#### Weather

Categorical

Distinct50Distinct (%)0.7%Missing0Missing (%)0.0%Memory size509.2 KiB

Y\_Train\_EDA\_Report

Mainly Clear 1705

Mostly Clo... 1647

Cloudy 1385

Clear 1060

Snow 318

Other valu... 912

More details

### Delivery\_Risk

#### Categorical

High correlation

Distinct	3
Distinct (%)	< 0.1%
Missing	0
Missing (%)	0.0%
Memory size	477.6 KiB

Safe 4454

1782

Caution 791

Risky

More details

### Labelled\_Delivery\_Risk

#### Categorical

High correlation

Distinct	3
Distinct (%)	< 0.1%
Missing	0
Missing (%)	0.0%
Memory size	452.9 KiB

2 4454

1 1782

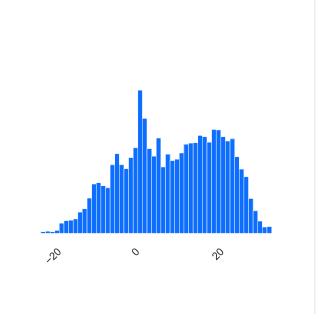
0 791

More details

## Temp\_C\_rolling\_mean

Real number ( $\mathbb{R}$ )

Distinct	4000	Minimum	-23.1
Distinct (%)	56.9%	Maximum	32.866667
Missing	0	Zeros	1
Missing (%)	0.0%	Zeros (%)	< 0.1%
Infinite	0	Negative	1742
Infinite (%)	0.0%	Negative (%)	24.8%



 Mean
 8.6845406
 Memory size
 109.8 KiB

More details

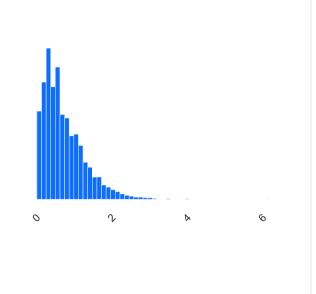
### Temp\_C\_rolling\_std

Real number ( $\mathbb{R}$ )

**High correlation** 

Distinct	6848
Distinct (%)	97.5%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.72832524

Minimum	0
Maximum	6.1207298
Zeros	37
Zeros (%)	0.5%
Negative	0
Negative (%)	0.0%
Memory size	109.8 KiB



More details

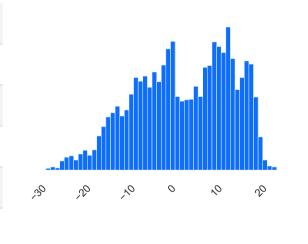
### Dew Point Temp\_C\_rolling\_mean

Real number ( $\mathbb{R}$ )

High correlation

Distinct	3052
Distinct (%)	43.4%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	2.4052322

Minimum	-28.333333
Maximum	23.433333
Zeros	0
Zeros (%)	0.0%
Negative	3007
Negative (%)	42.8%
Memory size	109.8 KiB



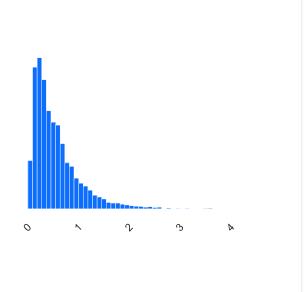
More details

### Dew Point Temp\_C\_rolling\_std

Real number ( $\mathbb{R}$ )

Distinct	6781
Distinct (%)	96.5%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Minimum	0
Maximum	4.5398238
Zeros	50
Zeros (%)	0.7%
Negative	0
Negative (%)	0.0%



**Mean** 0.56202524 **Memory size** 109.8 KiB

More details

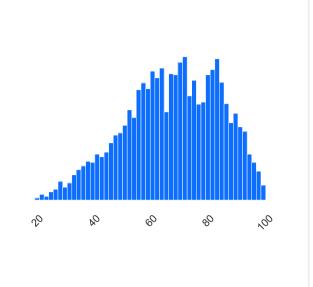
### Rel Hum\_%\_rolling\_mean

Real number ( $\mathbb{R}$ )

**High correlation** 

Distinct	241
Distinct (%)	3.4%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	67.244082

Minimum	19
Maximum	100
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	109.8 KiB



More details

### Rel Hum\_%\_rolling\_std

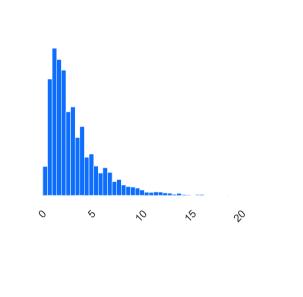
Real number (ℝ)

High correlation Zer

Z	er	O	s	

Distinct	6298
Distinct (%)	89.6%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	3.1885618

0
23.388031
180
2.6%
0
0.0%
109.8 KiB



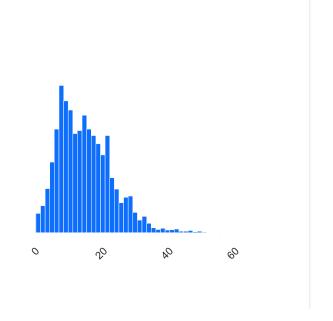
More details

## Wind Speed\_km/h\_rolling\_mean

Real number ( $\mathbb{R}$ )

Distinct	149
Distinct (%)	2.1%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Minimum	0
Maximum	70
Zeros	26
Zeros (%)	0.4%
Negative	0
Negative (%)	0.0%
	84 = 1 = 5 + 14 + 1



**Mean** 15.036716 **Memory size** 109.8 KiB

More details

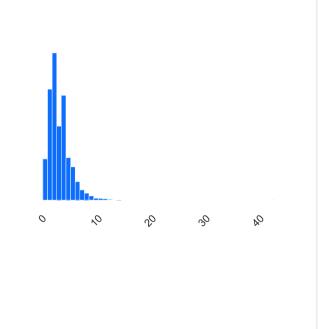
### Wind Speed\_km/h\_rolling\_std

Real number ( $\mathbb{R}$ )

Zeros

Distinct	5074
Distinct (%)	72.2%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	3.0556849

Minimum	0
Maximum	42.770706
Zeros	277
Zeros (%)	3.9%
Negative	0
Negative (%)	0.0%
Memory size	109.8 KiB



More details

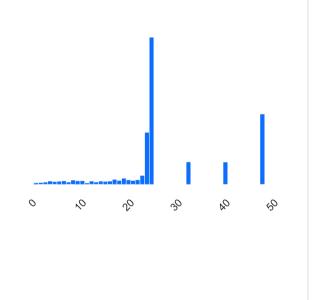
### Visibility\_km\_rolling\_mean

Real number ( $\mathbb{R}$ )

High correlation

Distinct	699
Distinct (%)	9.9%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	27.733286

Minimum	0.2
Maximum	48.3
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	109.8 KiB



More details

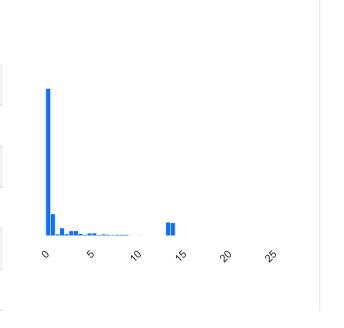
### Visibility\_km\_rolling\_std

Real number ( $\mathbb{R}$ )

Zeros

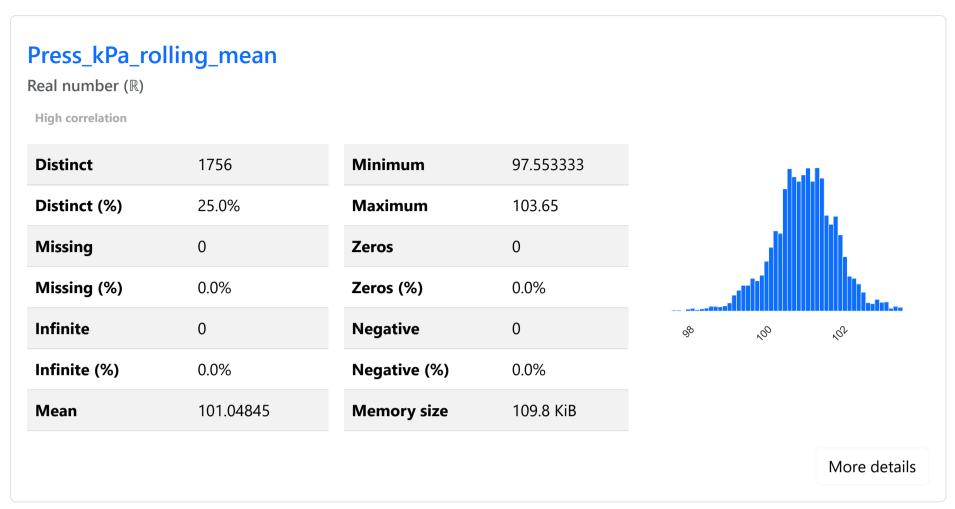
Distinct	2039
Distinct (%)	29.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

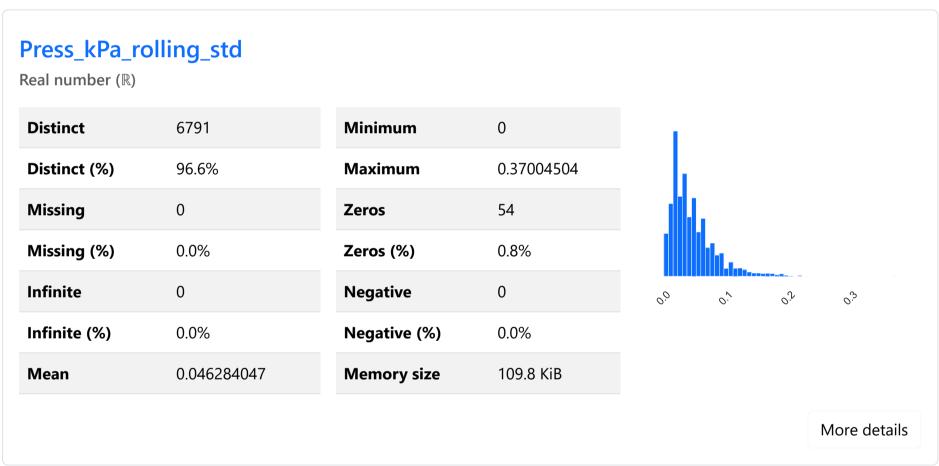
Minimum	0
Maximum	25.576617
Zeros	4305
Zeros (%)	61.3%
Negative	0
Negative (%)	0.0%



Mean 2.4224537 Memory size 109.8 KiB

More details





### **Interactions**



