## Data Profiling Report Basic Statistics Raw Counts Percentages • Data Structure • Missing Data Profile • Univariate Distribution • Histogram • Bar Chart (with frequency) QQ Plot • Correlation Analysis • Principal Component Analysis **Basic Statistics** Raw Counts Name Rows Columns Discrete columns Continuous columns All missing columns Missing observations Complete Rows

Memory Usage: 1.5 Mb



Percentages

38% Discrete Columns -62% Continuous Columns -Dimension All Missing Columns column observation 100% Complete Rows -Missing Observations -

Value

75%

oinstant (int)

100%

25%

Missing Data Profile

atemp

900 -

600 -

Spring -

Clear -

Cloudy ·

Rain -

Heavy ·

QQ Plot

40 -

20 -

3000 -

2000 -

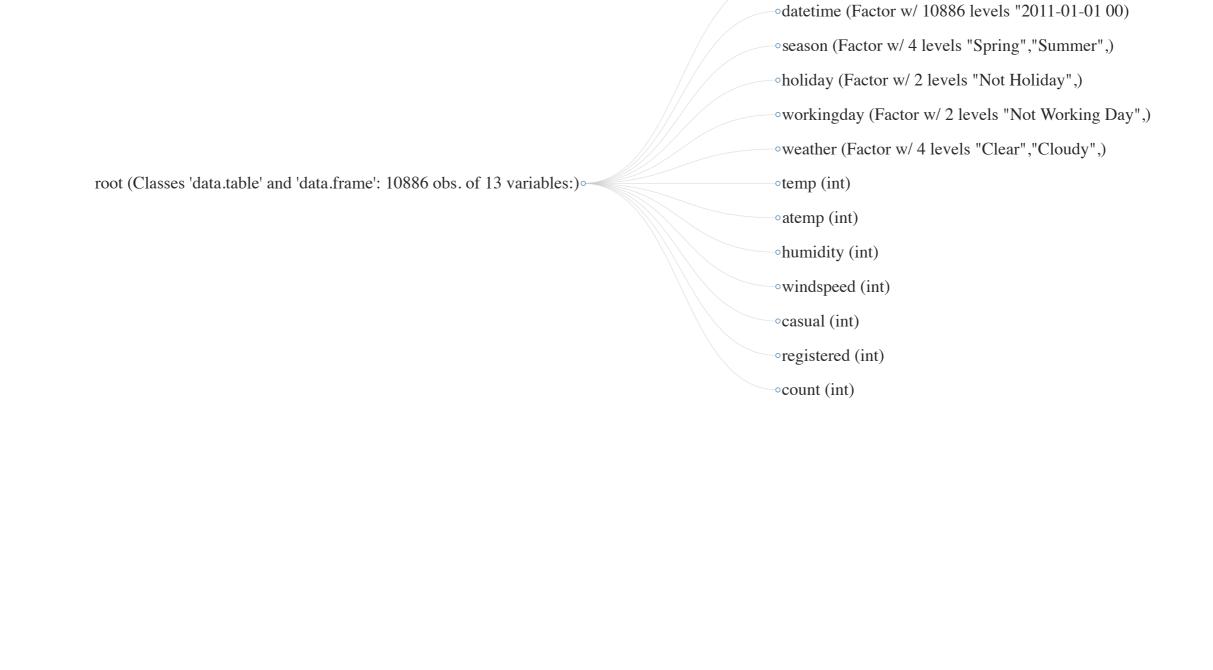
count ·

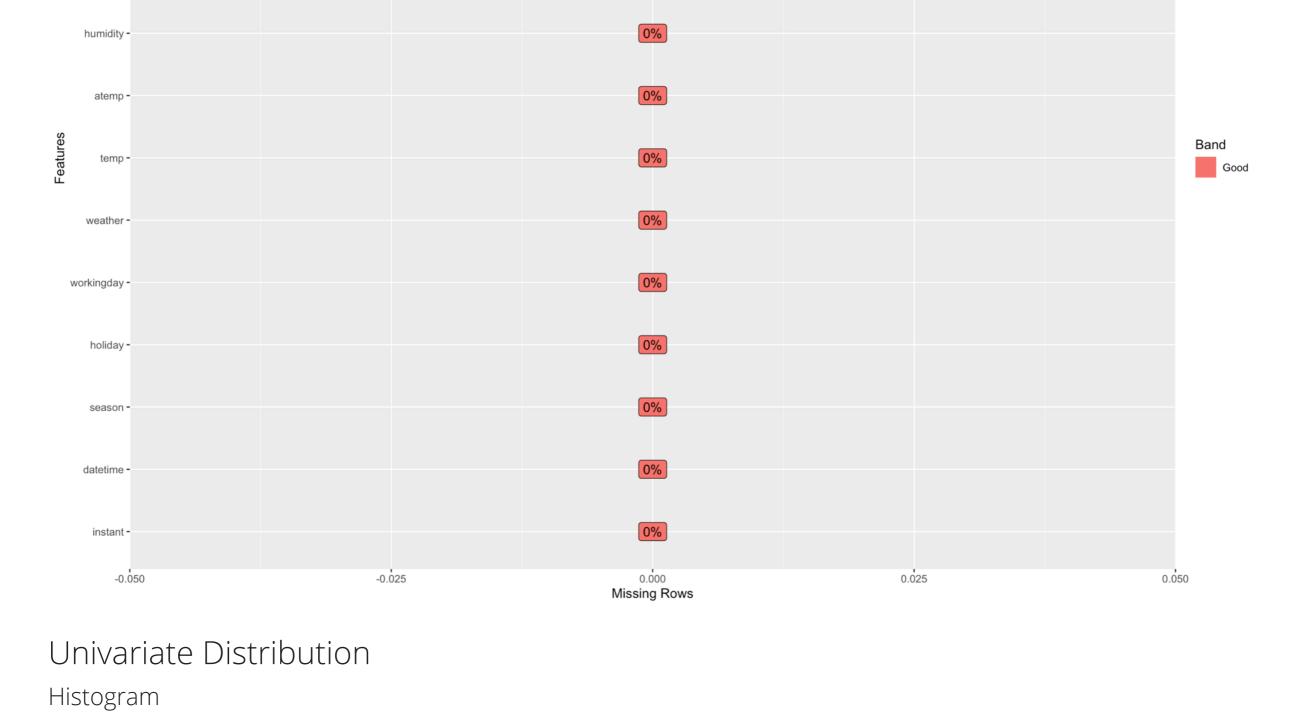
registered -

casual ·

windspeed -

Data Structure





1500 -

1000 -

count

humidity

600 -

400 -

Not Working Day -

1000 -

500 -

10000

2000

4000

count

6000

0%



Holiday -

300 -

200 -

100 -

2500

5000

Frequency

casual

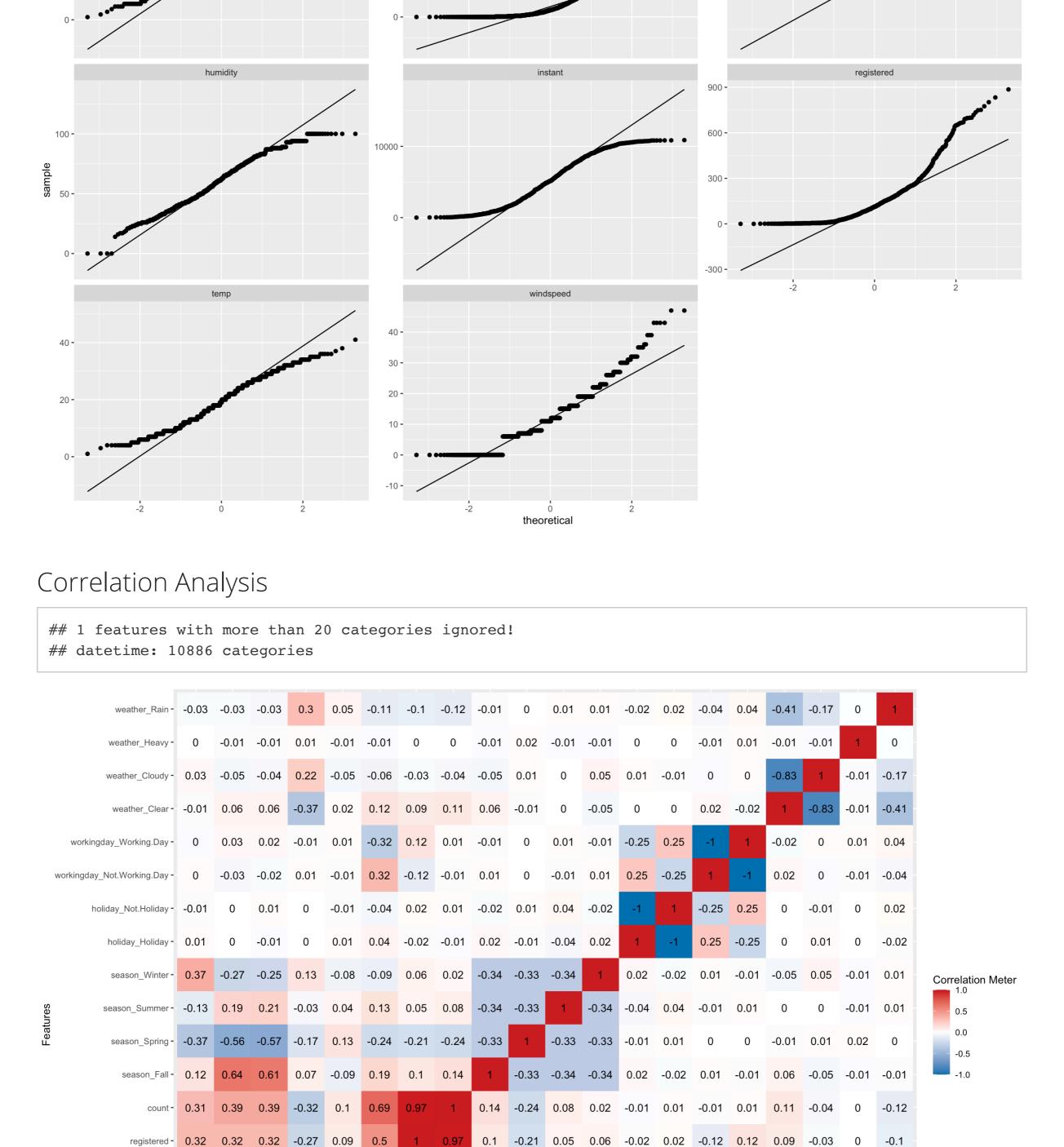
7500

2000

1000

2000

weather





0.69

0.1

0.39

-0.09

0.61

0.64

-0.32 -0.35 -0.27 -0.32 <mark>0.07</mark> -0.17 -0.03 <mark>0.13</mark>

0.09 0.09

0.47 0.32

0.46 0.32 0.39

**0.19** -0.24 **0.13** -0.09 **0.04** -0.04

**-0.57 0.21 -0.25 -0.01 0.01** 

atemp humiditywindspeed casual registered count season\_sealson\_sealson\_season\_Worlinday\_hiddulagoy\_klogbladyidabyki/h/gorlatin\_d/n/landyiatban/alpa/deathner\_Overathyer\_Harastyher\_Rain

-0.08 0.01 -0.01 -0.01 0.01

0.01 -0.01

0.02 -0.05

0.06 -0.05

-0.01 0.03

0.06 -0.04 -0.01 -0.03

-0.01

0.3

-0.03

-0.03

19.9%

0.01 -0.01 -0.37 0.22 0.01

-0.02 0.02

0.03

-0.03

0.13 0.04

-0.56 0.19 -0.27

Features

0.47 0.46 -0.35 0.09

-0.05 -0.06

0.98 -0.06 -0.02

## 1 features with more than 50 categories ignored!

-0.09 -0.02 -0.06 -0.32

-0.06 -0.05

windspeed -

humidity -

atemp -

instant -

0.03

Principal Component Analysis

## datetime: 10886 categories

weather\_Heavy weather\_Cloudy -weather\_Clear -temp season Winter season\_Summer season\_Spring -season\_Fall registered instant -

humidity -holiday\_Not.Holiday -holiday\_Holiday -

count casual atemp -

-0.75

-0.50

-0.25

0.00

0.50

Relative Importance

0.25

