



2.3.1

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## DataFrame

NO COMPARISON TARGET

51290 ROWS  
0 DUPLICATES  
56.3 MB RAM  
24 FEATURES  
7 CATEGORICAL  
7 NUMERICAL  
10 TEXT

ASSOCIATIONS

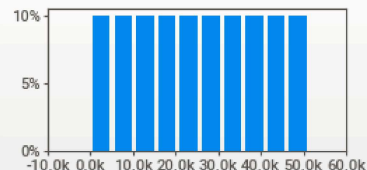
DataFrame

## 1 Row ID

VALUES: 51,290 (100%)  
MISSING: ---  
DISTINCT: 51,290 (100%)  
ZEROES: ---

MAX 51,290  
95% 48,726  
Q3 38,468  
MEDIAN 25,646  
AVG 25,646  
Q1 12,823  
5% 2,565  
MIN 1

RANGE 51,289  
IQR 25,644  
STD 14,806  
VAR 219.2M  
KURT -1.20  
SKEW -6.01e  
SUM 1.3B



## 2 Order ID

VALUES: 51,290 (100%)  
MISSING: ---  
DISTINCT: 25,035 (49%)

14 <1% CA-2014-100111  
13 <1% NI-2014-8880  
13 <1% TO-2014-9950  
13 <1% IN-2012-41261  
13 <1% IN-2013-42311  
13 <1% MX-2014-166541  
12 <1% IN-2014-15263  
51,199 >99% (Other)

## 3 Order Date

VALUES: 51,290 (100%)  
MISSING: ---  
DISTINCT: 1,430 (3%)

135 <1% 2014-06-18 00:00:00  
127 <1% 2014-11-18 00:00:00  
126 <1% 2014-09-03 00:00:00  
118 <1% 2014-11-20 00:00:00  
116 <1% 2014-12-29 00:00:00  
114 <1% 2014-11-13 00:00:00  
114 <1% 2014-12-10 00:00:00  
50,440 98% (Other)

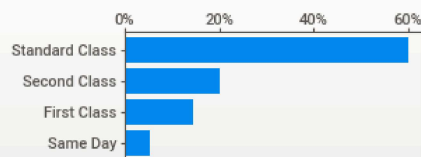
## 4 Ship Date

VALUES: 51,290 (100%)  
MISSING: ---  
DISTINCT: 1,464 (3%)

130 <1% 2014-11-22 00:00:00  
115 <1% 2014-09-07 00:00:00  
101 <1% 2014-12-07 00:00:00  
101 <1% 2014-11-17 00:00:00  
100 <1% 2014-11-29 00:00:00  
99 <1% 2014-11-16 00:00:00  
95 <1% 2014-12-19 00:00:00  
50,549 99% (Other)

## 5 Ship Mode

VALUES: 51,290 (100%)  
MISSING: ---  
DISTINCT: 4 (<1%)



## 6 Customer ID

VALUES: 51,290 (100%)  
MISSING: ---  
DISTINCT: 1,590 (3%)

97 <1% PO-18850  
94 <1% BE-11335  
90 <1% JG-15805  
88 <1% SW-20755  
88 <1% EM-13960  
85 <1% MY-18295  
84 <1% MP-17965  
50,666 99% (Other)

## 7 Customer Name

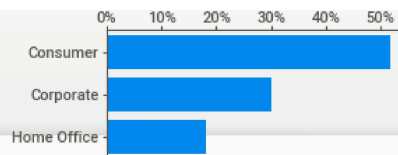
VALUES: 51,290 (100%)  
MISSING: ---  
DISTINCT: 795 (2%)

108 <1% Muhammed Yedwab  
106 <1% Steven Ward  
102 <1% Gary Hwang  
102 <1% Patrick O'Brill  
102 <1% Bill Eplett  
101 <1% Harry Greene  
100 <1% Eric Murdock  
50,569 99% (Other)

## 8 Segment

VALUES: 51,290 (100%)  
MISSING: ---

DISTINCT: 3 (&lt;1%)



## 9 City

VALUES: 51,290 (100%)

MISSING: ---

DISTINCT: 3,636 (7%)

915	2%	New York City
747	1%	Los Angeles
537	1%	Philadelphia
519	<1%	San Francisco
443	<1%	Santo Domingo
432	<1%	Manila
428	<1%	Seattle
47,278	92%	(Other)

## 10 State

VALUES: 51,290 (100%)

MISSING: ---

DISTINCT: 1,094 (2%)

2,001	4%	California
1,499	3%	England
1,128	2%	New York
985	2%	Texas
981	2%	Ile-de-France
781	2%	New South Wales
719	1%	North Rhine-Westphalia
43,196	84%	(Other)

## 11 Country

VALUES: 51,290 (100%)

MISSING: ---

DISTINCT: 147 (&lt;1%)

9,994	19%	United States
2,837	6%	Australia
2,827	6%	France
2,644	5%	Mexico
2,065	4%	Germany
1,880	4%	China
1,633	3%	United Kingdom
27,410	53%	(Other)

## 12 Postal Code

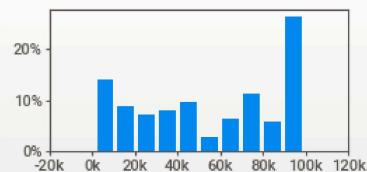
VALUES: 9,994 (19%)

MISSING: 41,296 (81%)

DISTINCT: 631 (1%)

ZEROS: ---

MAX	99,301	RANGE	88,261
95%	98,006	IQR	66,785
Q3	90,008	STD	32,064
MEDIAN	58,430	VAR	1.0B
AVG	55,190		
Q1	23,223	KURT.	-1.49
5%	10,009	SKEW	-0.129
MIN	1,040	SUM	551.6M

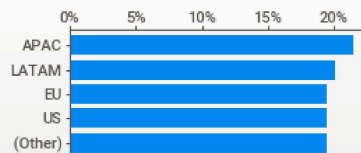


## 13 Market

VALUES: 51,290 (100%)

MISSING: ---

DISTINCT: 7 (&lt;1%)

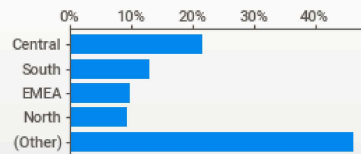


## 14 Region

VALUES: 51,290 (100%)

MISSING: ---

DISTINCT: 13 (&lt;1%)



## 15 Product ID

VALUES: 51,290 (100%)

MISSING: ---

DISTINCT: 10,292 (20%)

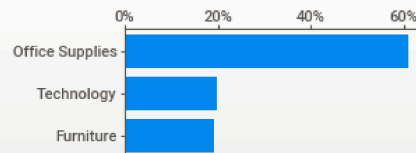
35	<1%	OFF-AR-10003651
34	<1%	OFF-AR-10003829
30	<1%	OFF-BI-10003708
30	<1%	OFF-BI-10002799
28	<1%	FUR-CH-10003354
27	<1%	OFF-BI-10002570
25	<1%	OFF-BI-10004140
51,084	>99%	(Other)

## 16 Category

VALUES: 51,290 (100%)

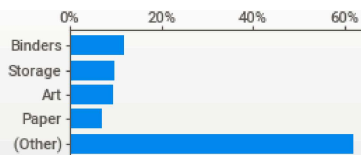
MISSING: ---

DISTINCT: 3 (&lt;1%)



## 17 Sub-Category

VALUES: 51,290 (100%)  
MISSING: ---  
DISTINCT: 17 (<1%)



## 18 Product Name

VALUES: 51,290 (100%)  
MISSING: ---  
DISTINCT: 3,788 (7%)

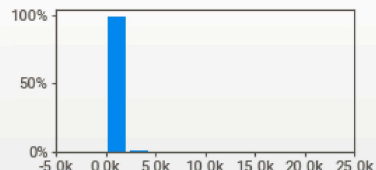
227 <1% Staples  
92 <1% Cardinal Index Tab, Clear  
90 <1% Eldon File Cart, Single Width  
84 <1% Rogers File Cart, Single Width  
83 <1% Ibico Index Tab, Clear  
80 <1% Sanford Pencil Sharpener, Water Color  
77 <1% Smead File Cart, Single Width  
50,557 99% (Other)

## 19 Sales

VALUES: 51,290 (100%)  
MISSING: ---  
DISTINCT: 24,988 (49%)  
ZEROS: ---

MAX 22,638  
95% 1,016  
Q3 251  
AVG 246  
MEDIAN 85  
Q1 31  
5% 9  
MIN 0

RANGE 22,638  
IQR 220  
STD 488  
VAR 238k  
KURT. 177  
SKEW 8.14  
SUM 12.6M

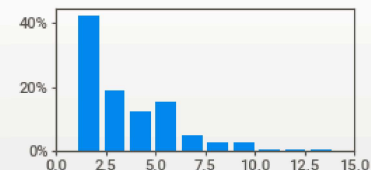


## 20 Quantity

VALUES: 51,290 (100%)  
MISSING: ---  
DISTINCT: 14 (<1%)  
ZEROS: ---

MAX 14.0  
95% 8.0  
Q3 5.0  
AVG 3.5  
MEDIAN 3.0  
Q1 2.0  
5% 1.0  
MIN 1.0

RANGE 13.0  
IQR 3.00  
STD 2.28  
VAR 5.19  
KURT. 2.28  
SKEW 1.36  
SUM 178k

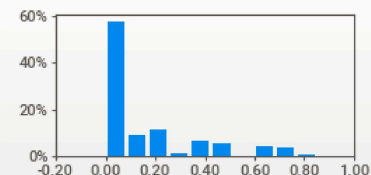


## 21 Discount

VALUES: 51,290 (100%)  
MISSING: ---  
DISTINCT: 27 (<1%)  
ZEROS: 29,009 (57%)

MAX 0.850  
95% 0.600  
Q3 0.200  
AVG 0.143  
MEDIAN 0.000  
Q1 0.000  
5% 0.000  
MIN 0.000

RANGE 0.850  
IQR 0.200  
STD 0.212  
VAR 0.045  
KURT. 0.717  
SKEW 1.39  
SUM 7,330

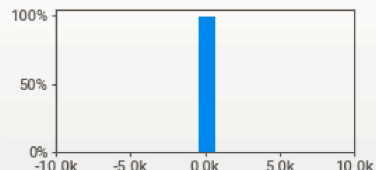


## 22 Profit

VALUES: 51,290 (100%)  
MISSING: ---  
DISTINCT: 27,085 (53%)  
ZEROS: 668 (1%)

MAX 8,400  
95% 212  
Q3 37  
AVG 29  
MEDIAN 9  
Q1 0  
5% -84  
MIN -6,600

RANGE 8,400  
IQR 36.8  
STD 174  
VAR 30,395  
KURT. 291  
SKEW 4.16  
SUM 1.5M

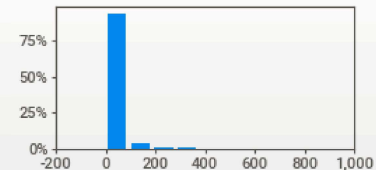


## 23 Shipping Cost

VALUES: 51,290 (100%)  
MISSING: ---  
DISTINCT: 16,936 (33%)  
ZEROS: ---

MAX 934  
95% 111  
Q3 24  
AVG 26  
MEDIAN 8  
Q1 3  
5% 1  
MIN 0

RANGE 934  
IQR 21.8  
STD 57.3  
VAR 3,283  
KURT. 50.0  
SKEW 5.86  
SUM 1.4M



## 24 Order Priority

VALUES: 51,290 (100%)  
MISSING: ---  
DISTINCT: 4 (<1%)

