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 Created & maintained by Francois Bertrand
 Graphic design by Jean-Francois Hains

DataFrame

NO COMPARISON TARGET

350	ROWS
0	DUPLICATES
118.6 kb	RAM
6	FEATURES
4	CATEGORICAL
0	NUMERICAL
2	TEXT

ASSOCIATIONS

DataFrame

1 date

VALUES: 350 (100%)
 MISSING: ---

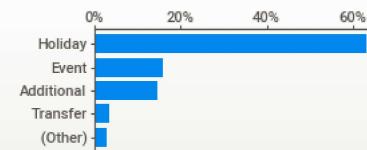
DISTINCT: 312 (89%)

4	1%	2014-06-25
3	<1%	2017-06-25
3	<1%	2016-06-25
3	<1%	2015-06-25
3	<1%	2013-06-25
3	<1%	2012-06-25
2	<1%	2014-12-26
329	94%	(Other)

2 type

VALUES: 350 (100%)
 MISSING: ---

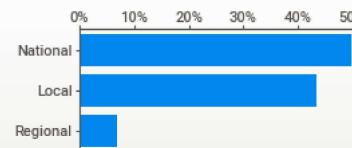
DISTINCT: 6 (2%)



3 locale

VALUES: 350 (100%)
 MISSING: ---

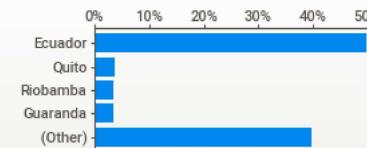
DISTINCT: 3 (<1%)



4 locale_name

VALUES: 350 (100%)
 MISSING: ---

DISTINCT: 24 (7%)



5 description

VALUES: 350 (100%)
 MISSING: ---

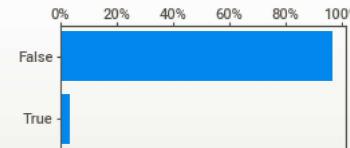
DISTINCT: 103 (29%)

18	3%	Carnaval
7	2%	Fundacion de Cuenca
7	2%	Fundacion de Ibarra
6	2%	Fundacion de Quito
6	2%	Provincializacion de Santo Domingo
6	2%	Provincializacion Santa Elena
6	2%	Independencia de Guaranda
302	86%	(Other)

6 transferred

VALUES: 350 (100%)
 MISSING: ---

DISTINCT: 2 (<1%)



SweetVIZ
2.1.4
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DataFrame NO COMPARISON TARGET

ASSOCIATIONS	
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1 **date**

VALUES: 1,218 (100%)
MISSING: ---
DISTINCT: 1,218 (100%)

1	<1%	2013-01-01
1	<1%	2016-02-08
1	<1%	2016-02-17
1	<1%	2016-02-16
1	<1%	2016-02-15
1	<1%	2016-02-12
1	<1%	2016-02-11
1,211	>99%	(Other)

2 **dcoilwtico**

VALUES: 1,175 (96%)
MISSING: 43 (4%)
DISTINCT: 998 (82%)
ZEROES: ---

	MAX	RANGE
95%	110.6	84.4
Q3	105.2	IQR 49.3
AVG	95.7	STD 25.6
MEDIAN	67.7	VAR 657
Q1	53.2	KURT. -1.61
5%	46.4	SKW 0.322
MIN	36.9	SUM 79,564

The histogram displays the distribution of the 'dcoilwtico' variable. The x-axis represents the value range from 20 to 120, and the y-axis represents the percentage frequency from 0% to 30%. The distribution is right-skewed, with the highest frequency occurring between 40 and 50.



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DataFrame

NO COMPARISON TARGET

54	ROWS
0	DUPLICATES
11.1 kb	RAM
5	FEATURES
2	CATEGORICAL
2	NUMERICAL
1	TEXT

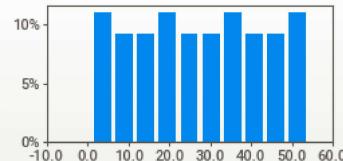
ASSOCIATIONS

DataFrame

1 store_nbr

VALUES:	54 (100%)
MISSING:	--
DISTINCT:	54 (100%)
ZEROES:	--
MAX	54.0
95%	51.3
Q3	40.8
MEDIAN	27.5
Avg	27.5
Q1	14.2
5%	3.7
MIN	1.0

RANGE	53.0
IQR	26.5
STD	15.7
VAR	248
KURT.	-1.20
SKEW	0.00
SUM	1,485



2 city

VALUES:	54 (100%)
MISSING:	--
DISTINCT:	22 (41%)
18	33% Quito
8	15% Guayaquil
3	6% Cuenca
3	6% Santo Domingo
2	4% Manta
2	4% Latacunga
2	4% Machala
16	30% (Other)



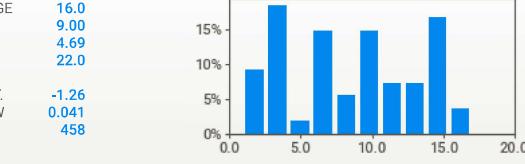
3 state

VALUES:	54 (100%)
MISSING:	--
DISTINCT:	16 (30%)



4 type

VALUES:	54 (100%)
MISSING:	--
DISTINCT:	5 (9%)



5 cluster

VALUES:	54 (100%)
MISSING:	--
DISTINCT:	17 (31%)
MAX	17.0
95%	15.0
Q3	13.0
MEDIAN	8.5
Avg	8.5
Q1	4.0
5%	1.7
MIN	1.0

RANGE	16.0
IQR	9.00
STD	4.69
VAR	22.0
KURT.	-1.26
SKEW	0.041
SUM	458



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DataFrame

NO COMPARISON TARGET

3000888	ROWS
0	DUPLICATES
500.4 MB	RAM
6	FEATURES
1	CATEGORICAL
4	NUMERICAL
1	TEXT

ASSOCIATIONS

DataFrame

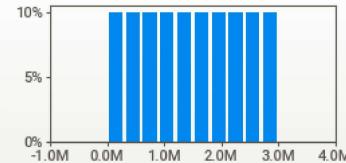
1 id

VALUES: 3,000,888 (100%)
 MISSING: ---

DISTINCT: 3,000,888 (100%)
 ZEROES: 1 (<1%)

MAX	3.0M
95%	2.9M
Q3	2.3M
MEDIAN	1.5M
AVG	1.5M
Q1	0.8M
5%	0.2M
MIN	0.0M

RANGE	3.0M
IQR	1.5M
STD	866k
VAR	750.4B
KURT.	-1.20
SKEW	-9.49e-16
SUM	4.5T



2 date

VALUES: 3,000,888 (100%)
 MISSING: ---

DISTINCT: 1,684 (<1%)
 1,782 <1% 2013-01-01
 1,782 <1% 2016-01-15
 1,782 <1% 2016-02-08
 1,782 <1% 2016-02-07
 1,782 <1% 2016-02-06
 1,782 <1% 2016-02-05
 1,782 <1% 2016-02-04
 3.0M >99% (Other)

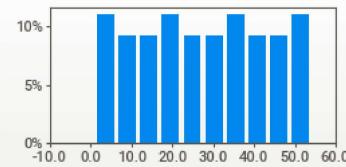
3 store_nbr

VALUES: 3,000,888 (100%)
 MISSING: ---

DISTINCT: 54 (<1%)

MAX	54.0
95%	52.0
Q3	41.0
MEDIAN	27.5
AVG	27.5
Q1	14.0
5%	3.0
MIN	1.0

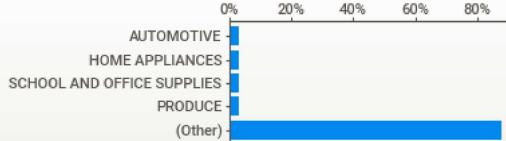
RANGE	53.0
IQR	27.0
STD	15.6
VAR	243
KURT.	-1.20
SKEW	0.00
SUM	82.5M



4 family

VALUES: 3,000,888 (100%)
 MISSING: ---

DISTINCT: 33 (<1%)



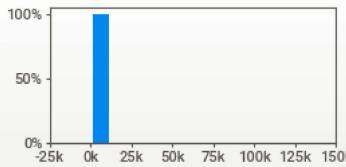
5 sales

VALUES: 3,000,888 (100%)
 MISSING: ---

DISTINCT: 379,610 (13%)
 939,130 (31%)

MAX	125k
95%	2k
Q3	0k
Avg	0k
Median	0k
Q1	0k
5%	0k
Min	0k

RANGE	125k
IQR	196
STD	1,102
VAR	1.2M
KURT.	155
SKEW	7.36
SUM	1.1B



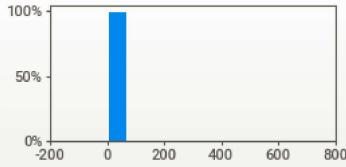
6 onpromotion

VALUES: 3,000,888 (100%)
 MISSING: ---

DISTINCT: 362 (<1%)
 2,389,559 (80%)

MAX	741
95%	13
Q3	0
Avg	3
Median	0
Q1	0
5%	0
Min	0

RANGE	741
IQR	0.00
STD	12.2
VAR	149
KURT.	241
SKEW	11.2
SUM	7.8M





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DataFrame

3054348 ROWS
0 DUPLICATES
2.0 GB RAM
17 FEATURES
9 CATEGORICAL
7 NUMERICAL
1 TEXT

NO COMPARISON TARGET

ASSOCIATIONS

DataFrame

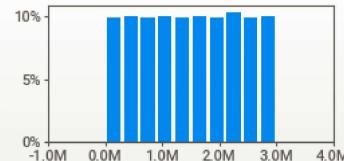
1 id

VALUES: 3,054,348 (100%)
MISSING: ---

DISTINCT: 3,000,888 (98%)
ZEROES: 1 (<1%)

MAX 3.0M
95% 2.9M
Q3 2.3M
MEDIAN 1.5M
AVG 1.5M
Q1 0.8M
5% 0.2M
MIN 0.0M

RANGE 3.0M
IQR 1.5M
STD 866k
VAR 750.4B
KURT. -1.20
SKEW -0.006
SUM 4.6T



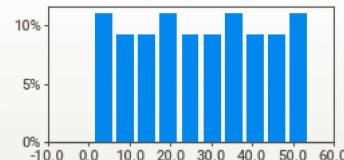
2 store_nbr

VALUES: 3,054,348 (100%)
MISSING: ---

DISTINCT: 54 (<1%)
ZEROES: ---

MAX 54.0
95% 52.0
Q3 41.0
MEDIAN 27.5
AVG 27.5
Q1 14.0
5% 3.0
MIN 1.0

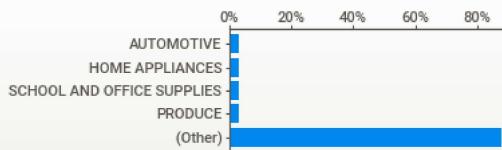
RANGE 53.0
IQR 27.0
STD 15.6
VAR 243
KURT. -1.20
SKEW 0.00
SUM 84.0M



3 family

VALUES: 3,054,348 (100%)
MISSING: ---

DISTINCT: 33 (<1%)



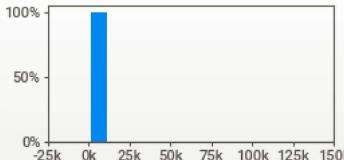
4 sales

VALUES: 3,054,348 (100%)
MISSING: ---

DISTINCT: 379,610 (12%)
ZEROES: 953,741 (31%)

MAX 125k
95% 2k
Q3 0k
AVG 0k
MEDIAN 0k
Q1 0k
5% 0k
MIN 0k

RANGE 125k
IQR 196
STD 1,107
VAR 1.2M
KURT. 165
SKEW 7.50
SUM 1.1B



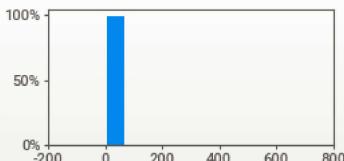
5 onpromotion

VALUES: 3,054,348 (100%)
MISSING: ---

DISTINCT: 362 (<1%)
ZEROES: 2,428,528 (80%)

MAX 741
95% 13
Q3 0
AVG 3
MEDIAN 0
Q1 0
5% 0
MIN 0

RANGE 741
IQR 0.00
STD 12.3
VAR 150
KURT. 251
SKEW 11.3
SUM 8.0M

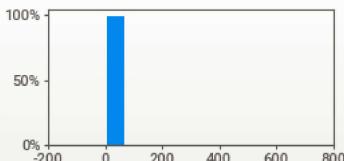


6 day

VALUES: 3,054,348 (100%)
MISSING: ---

DISTINCT: 1,684 (<1%)

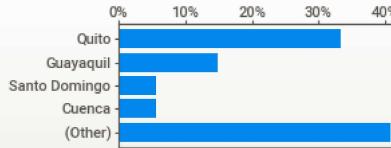
Date	Count	Percentage
2014-06-25	7,128	<1%
2015-06-25	5,346	<1%
2016-06-25	5,346	<1%
2017-06-25	5,346	<1%
2013-06-25	5,346	<1%
2015-07-03	3,564	<1%
2016-07-03	3,564	<1%
(Other)	3.0M	99%



7 city

VALUES: 3,054,348 (100%)
MISSING: ---

DISTINCT: 22 (<1%)



8 state

VALUES: 3,054,348 (100%)
MISSING: ---

DISTINCT: 16 (<1%)

9 **Store_type**

VALUES: 3,054,348 (100%)
MISSING: ---
DISTINCT: 5 (<1%)

Store_type	Percentage
Pichincha	~35%
Guayas	~15%
Santo Domingo de los Tsachilas	~10%
Azuay	~10%
(Other)	~10%
A	~5%
B	~5%
E	~5%

10 **cluster**

VALUES: 3,054,348 (100%)
MISSING: ---
DISTINCT: 17 (<1%)
ZEROES: ---

	MAX	RANGE
95%	17.0	16.0
Q3	15.0	IQR 9.00
MEDIAN	13.0	STD 4.65
Avg	8.5	VAR 21.6
Q1	8.5	KURT. -1.26
5%	4.0	SKW 0.040
MIN	1.0	SUM 25.9M

11 **transactions**

VALUES: 3,054,348 (100%)
MISSING: ---
DISTINCT: 4,993 (<1%)
ZEROES: ---

	MAX	RANGE
95%	8,359	8,354
Q3	3,661	IQR 995
Avg	2,027	STD 956
MEDIAN	1,665	VAR 913k
Q1	1,357	KURT. 2.75
5%	1,032	SKW 1.57
MIN	5	SUM 5.1B

12 **dcoilwtico**

VALUES: 3,054,348 (100%)
MISSING: ---
DISTINCT: 994 (<1%)
ZEROES: ---

	MAX	RANGE
95%	110.6	84.4
Q3	105.3	IQR 49.5
Avg	95.8	STD 25.7
MEDIAN	67.8	VAR 661
Q1	53.2	KURT. -1.61
5%	46.3	SKW 0.314
MIN	36.8	SUM 207.1M

13 **Holiday_type**

VALUES: 3,054,348 (100%)
MISSING: ---
DISTINCT: 6 (<1%)

Holiday_type	Percentage
Holiday	~85%
Event	~5%
Additional	~2%
Transfer	~1%
(Other)	~1%

14 **locale**

VALUES: 3,054,348 (100%)
MISSING: ---
DISTINCT: 3 (<1%)

locale	Percentage
National	~85%
Local	~5%
Regional	~10%

15 **locale_name**

VALUES: 3,054,348 (100%)
MISSING: ---
DISTINCT: 24 (<1%)

locale_name	Percentage
Ecuador	~85%
Guayaquil	~5%
Riobamba	~2%
Guaranda	~1%
(Other)	~1%

16 **description**

VALUES: 3,054,348 (100%)
MISSING: ---
DISTINCT: 101 (<1%)

description	Percentage
Carnaval	~85%
Fundacion de Cuenca	~5%
Primer dia del ano	~2%
Cantonizacion de Guaranda	~1%
(Other)	~10%

17 **transferred**

VALUES: 3,054,348 (100%)
MISSING: ---
DISTINCT: 2 (<1%)

transferred	Percentage
False	~95%
True	~5%

