

Histogram of Defects

The UNIVARIATE Procedure
Variable: Defects

Moments			
N	320	Sum Weights	320
Mean	10.325	Sum Observations	3304
Std Deviation	3.17227409	Variance	10.0633229
Skewness	-0.1850724	Kurtosis	-0.2466066
Uncorrected SS	37324	Corrected SS	3210.2
Coeff Variation	30.7242042	Std Error Mean	0.17733551

Basic Statistical Measures			
Location		Variability	
Mean	10.32500	Std Deviation	3.17227
Median	11.00000	Variance	10.06332
Mode	11.00000	Range	17.00000
		Interquartile Range	4.00000

Note: The mode displayed is the smallest of 2 modes with a count of 44.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	58.22297	Pr > t	<.0001
Sign	M	160	Pr >= M	<.0001
Signed Rank	S	25680	Pr >= S	<.0001

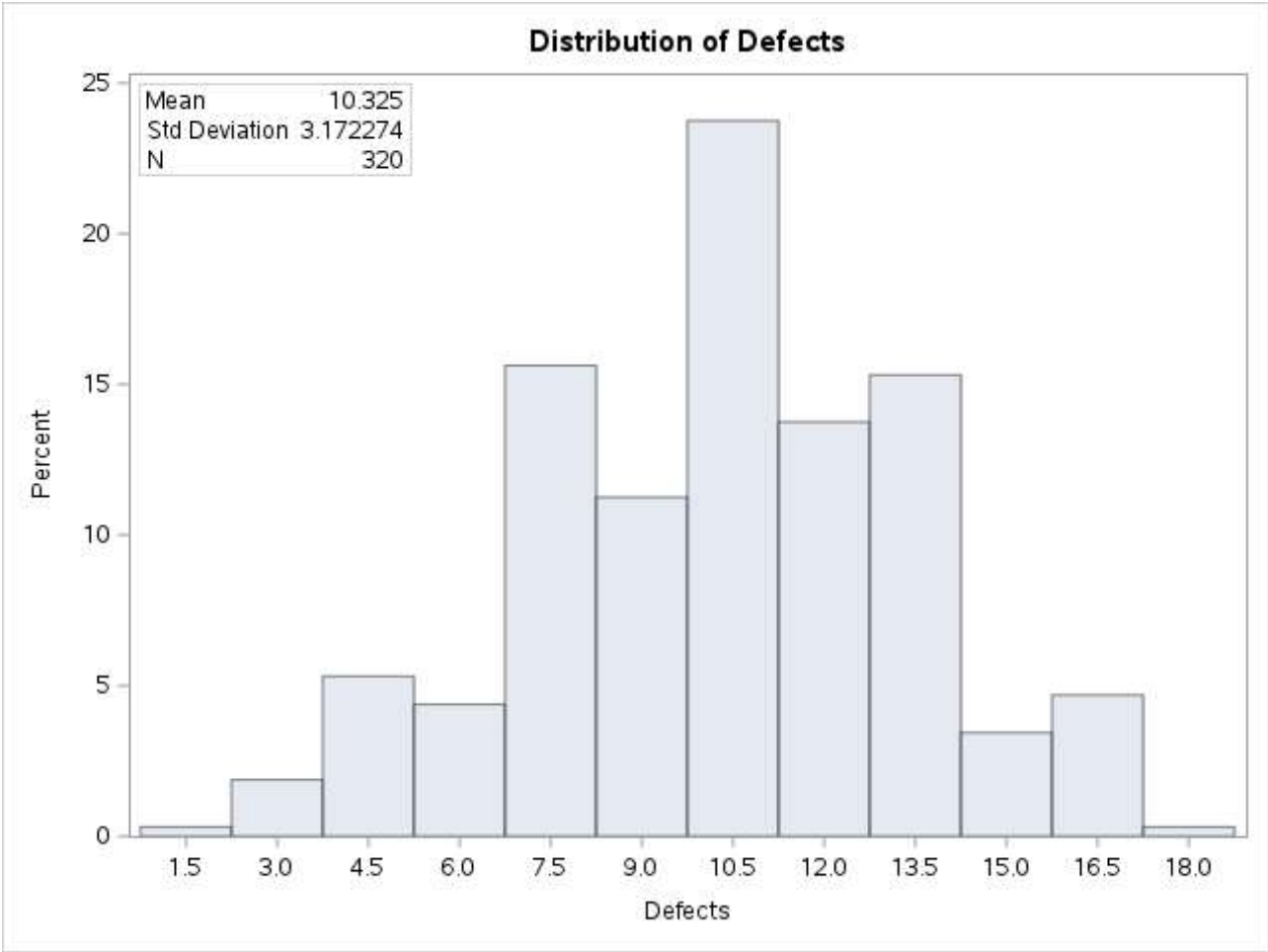
Quantiles (Definition 5)	
Level	Quantile
100% Max	18.0
99%	17.0
95%	15.5
90%	14.0
75% Q3	12.0
50% Median	11.0
25% Q1	8.0
10%	6.0
5%	5.0
1%	3.0
0% Min	1.0

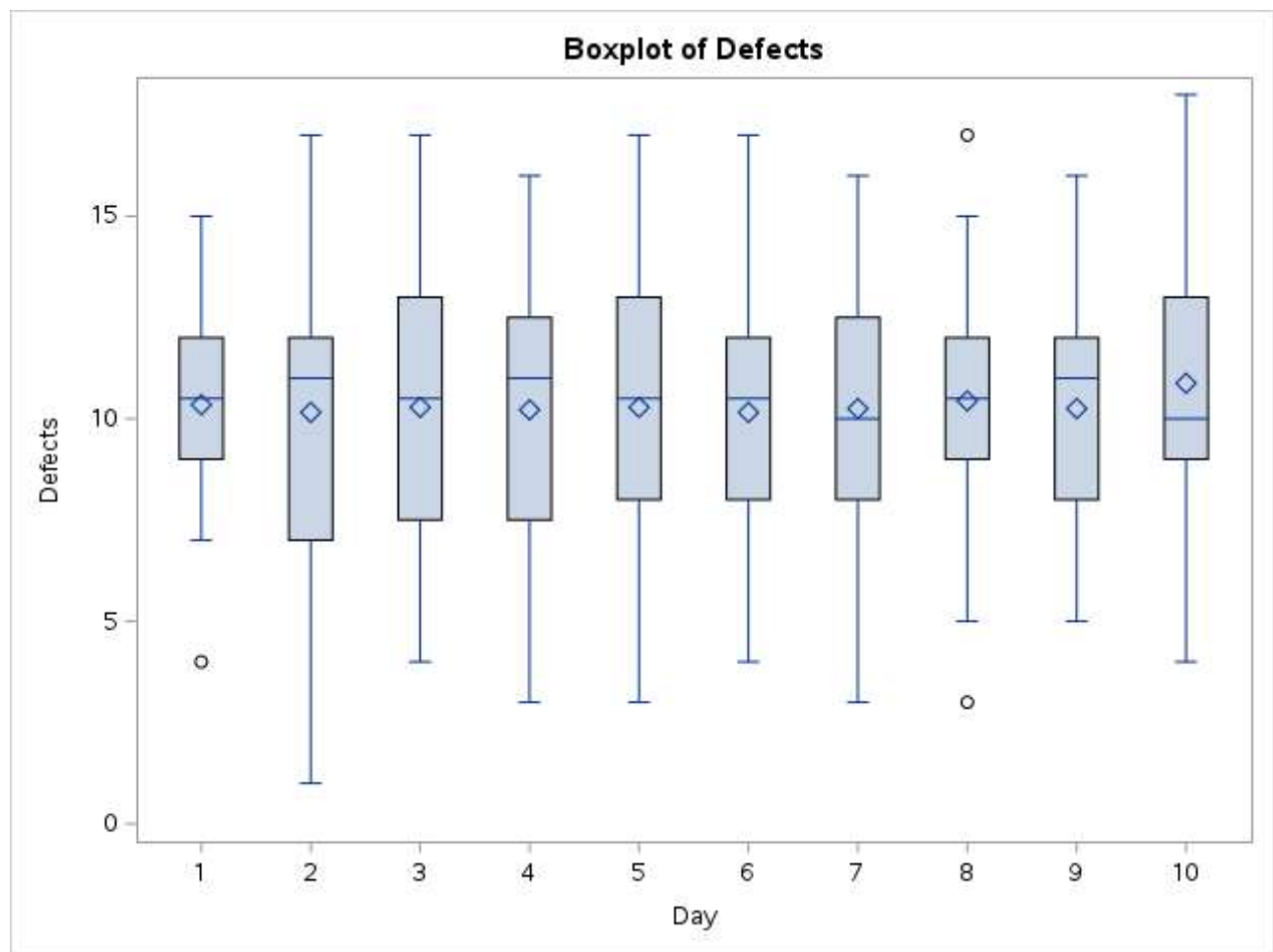
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
1	48	17	135
3	244	17	183
3	197	17	253
3	143	17	292
3	139	18	291

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	1	0.31	100.00

Histogram of Defects

The UNIVARIATE Procedure





Boxplot of Defects

The MEANS Procedure

Analysis Variable : Defects						
Day	N Obs	N	Mean	Std Dev	Minimum	Maximum
1	32	32	10.3437500	2.5350367	4.0000000	15.0000000
2	32	32	10.1562500	3.2834814	1.0000000	17.0000000
3	32	32	10.2812500	3.6210351	4.0000000	17.0000000
4	32	32	10.2187500	3.5079116	3.0000000	16.0000000
5	32	32	10.2812500	3.3334509	3.0000000	17.0000000
6	32	32	10.1562500	3.0911880	4.0000000	17.0000000
7	32	32	10.2500000	3.4454271	3.0000000	16.0000000
8	32	32	10.4375000	3.0367374	3.0000000	17.0000000
9	32	32	10.2500000	3.1004682	5.0000000	16.0000000
10	32	32	10.8750000	3.0240968	4.0000000	18.0000000

Histogram of Defects every 15 minutes

The UNIVARIATE Procedure
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Mean	10.325	Sum Observations	3304

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Sign	M	160	Pr >= M	<.0001
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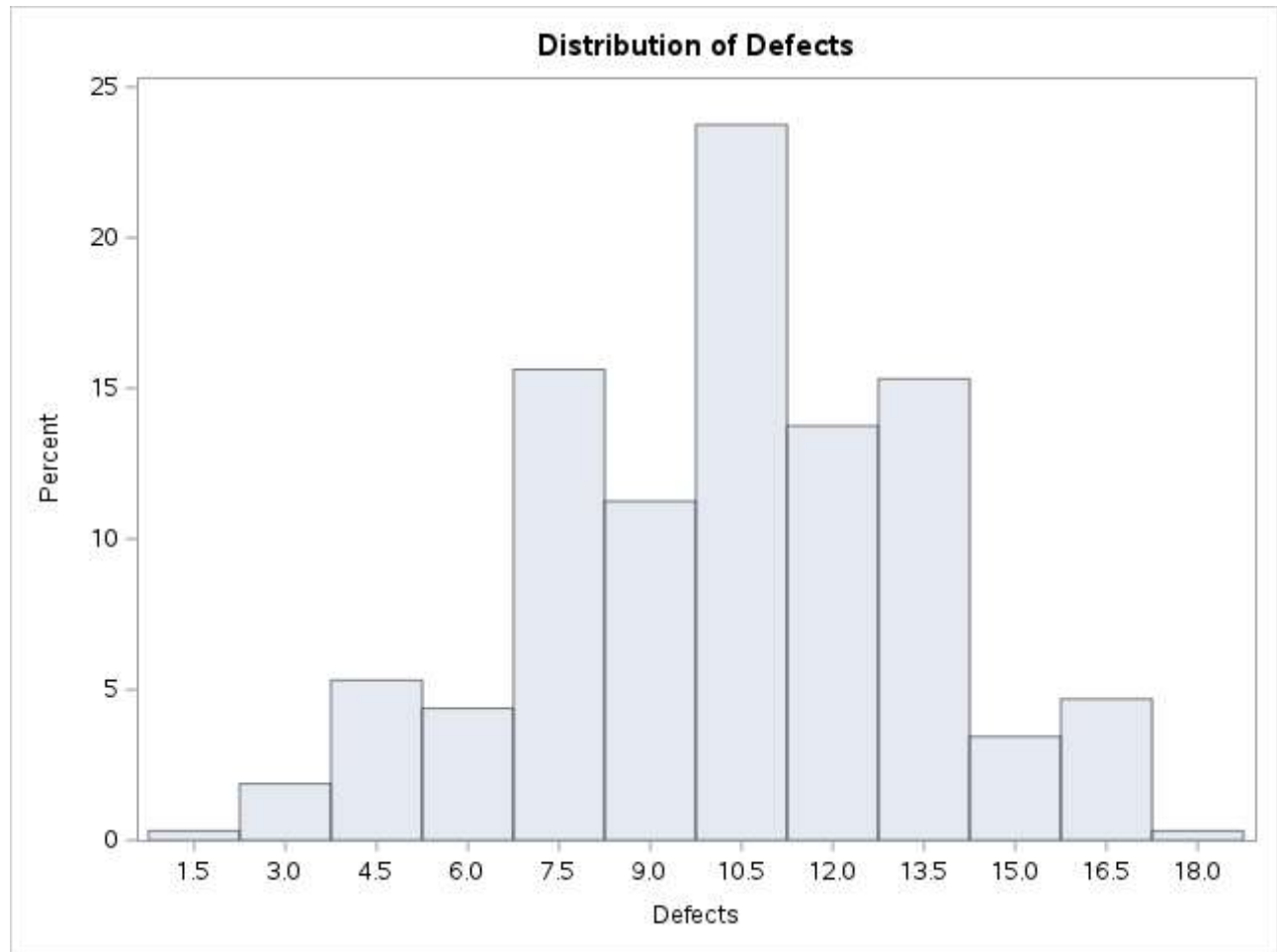
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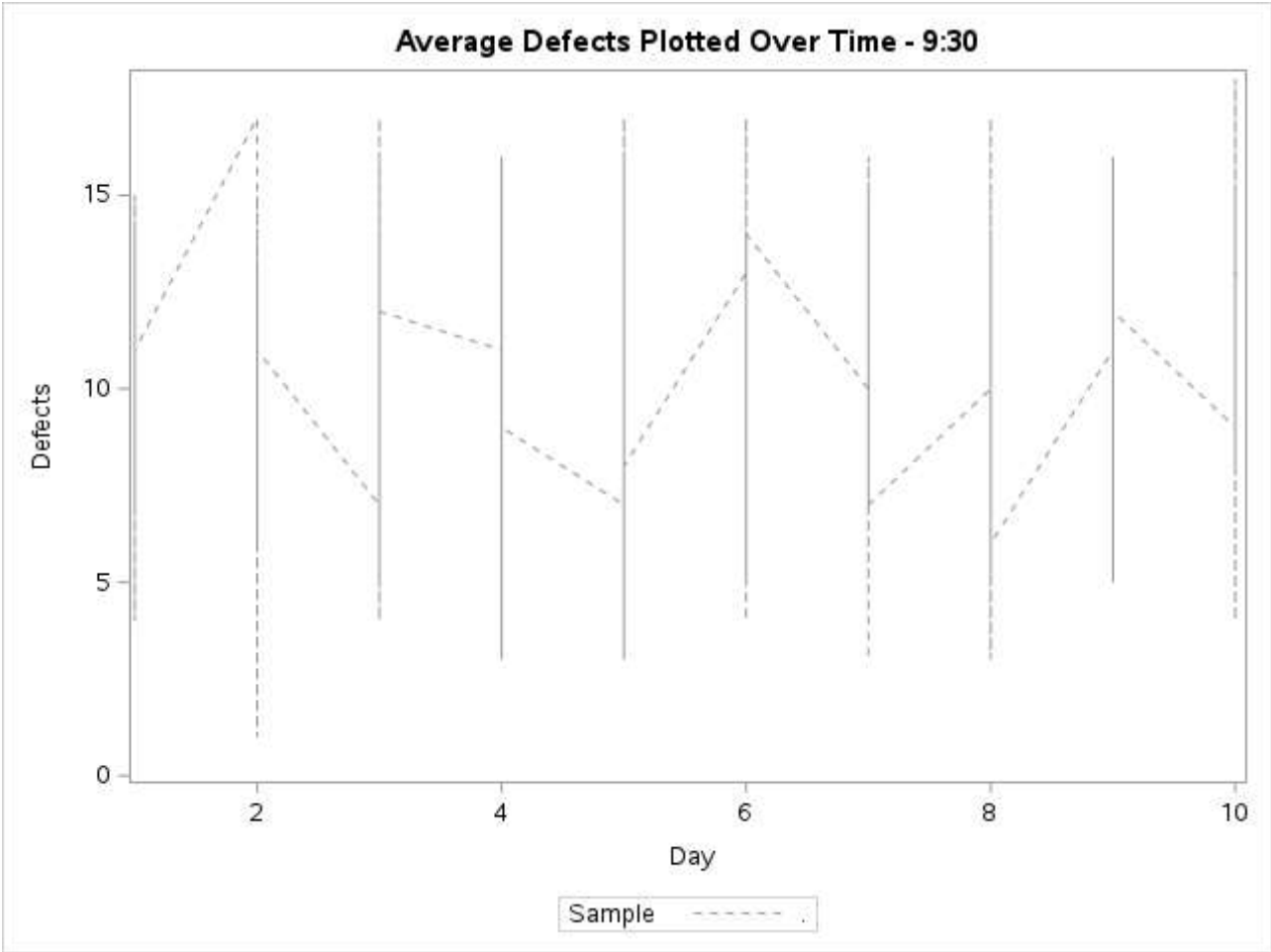
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Lowest		Highest	
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Histogram of Defects every 15 minutes

The UNIVARIATE Procedure

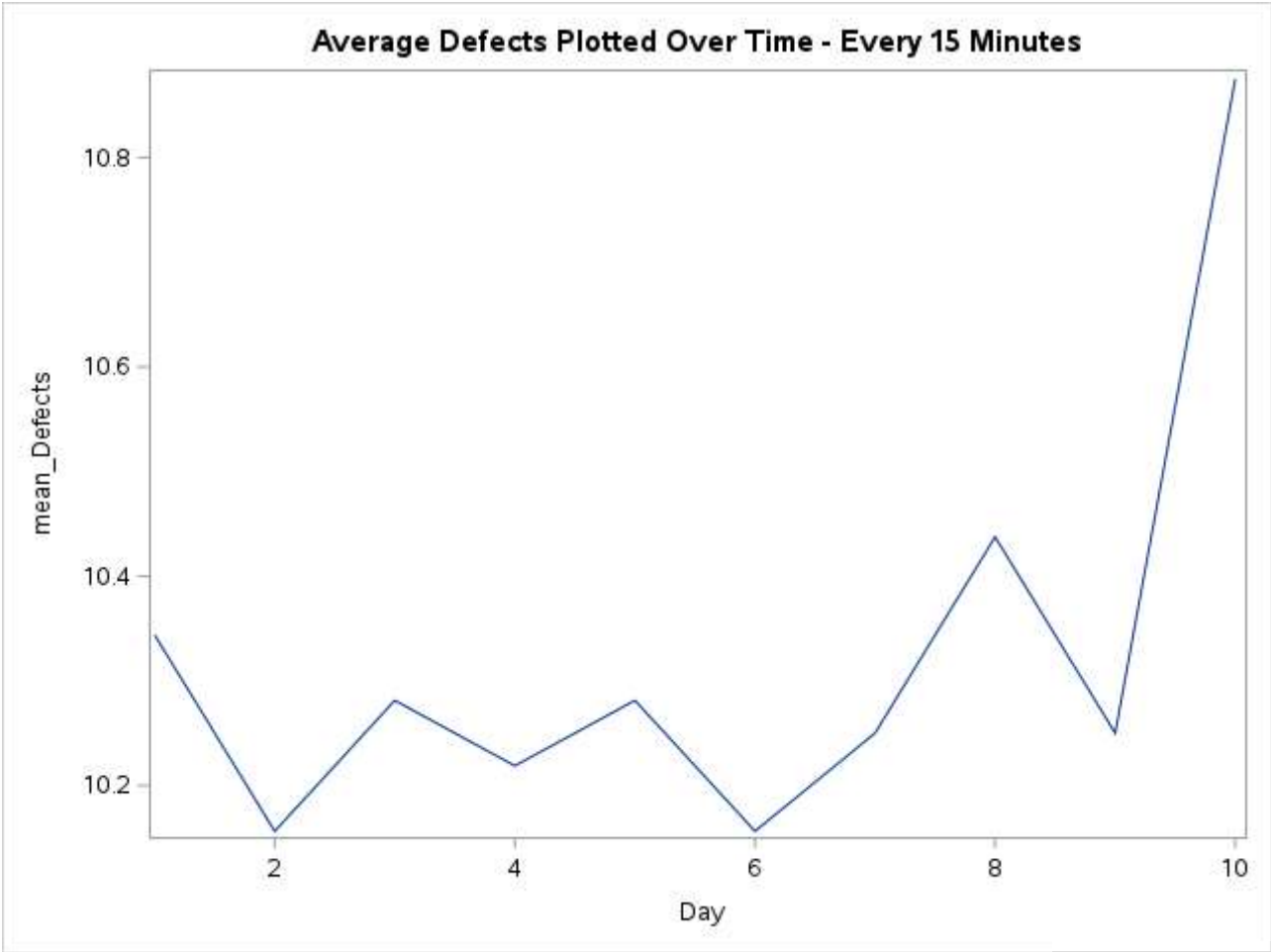




Average Defects Plotted Over Time - Every Hour Starting at 8:30

The MEANS Procedure

Analysis Variable : Defects						
Day	N Obs	N	Mean	Std Dev	Minimum	Maximum
1	32	32	10.3437500	2.5350367	4.0000000	15.0000000
2	32	32	10.1562500	3.2834814	1.0000000	17.0000000
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Summary +