The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 1

Moments			
N	5	Sum Weights	5
Mean	18541.6	Sum Observations	92708
Std Deviation	143.832542	Variance	20687.8
Skewness	-1.4625902	Kurtosis	2.09758341
Uncorrected SS	1719037404	Corrected SS	82751.2
Coeff Variation	0.77572886	Std Error Mean	64.323868

Basic Statistical Measures			
Location		Variability	
Mean	18541.60	Std Deviation	143.83254
Median	18592.00	Variance	20688
Mode	.	Range	364.00000
		Interquartile Range	112.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	288.2538	Pr > |t|	<.0001
Sign	M	2.5	Pr >= |M|	0.0625
Signed Rank	S	7.5	Pr >= |S|	0.0625

Quantiles (Definition 5)	
Level	Quantile
100% Max	18669
99%	18669
95%	18669
90%	18669
75% Q3	18627
50% Median	18592
25% Q1	18515
10%	18305
5%	18305
1%	18305
0% Min	18305

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 1

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	2	18305	2
18515	32	18515	32
18592	43	18592	43
18627	48	18627	48
18669	54	18669	54

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 1

Moments			
N	5	Sum Weights	5
Mean	28013.254	Sum Observations	140066.27
Std Deviation	13061.0272	Variance	170590433
Skewness	0.8217942	Kurtosis	-2.0821618
Uncorrected SS	4606073730	Corrected SS	682361731
Coeff Variation	46.6244559	Std Error Mean	5841.06896

Basic Statistical Measures			
Location		Variability	
Mean	28013.25	Std Deviation	13061
Median	19124.58	Variance	170590433
Mode	.	Range	27845
		Interquartile Range	19067

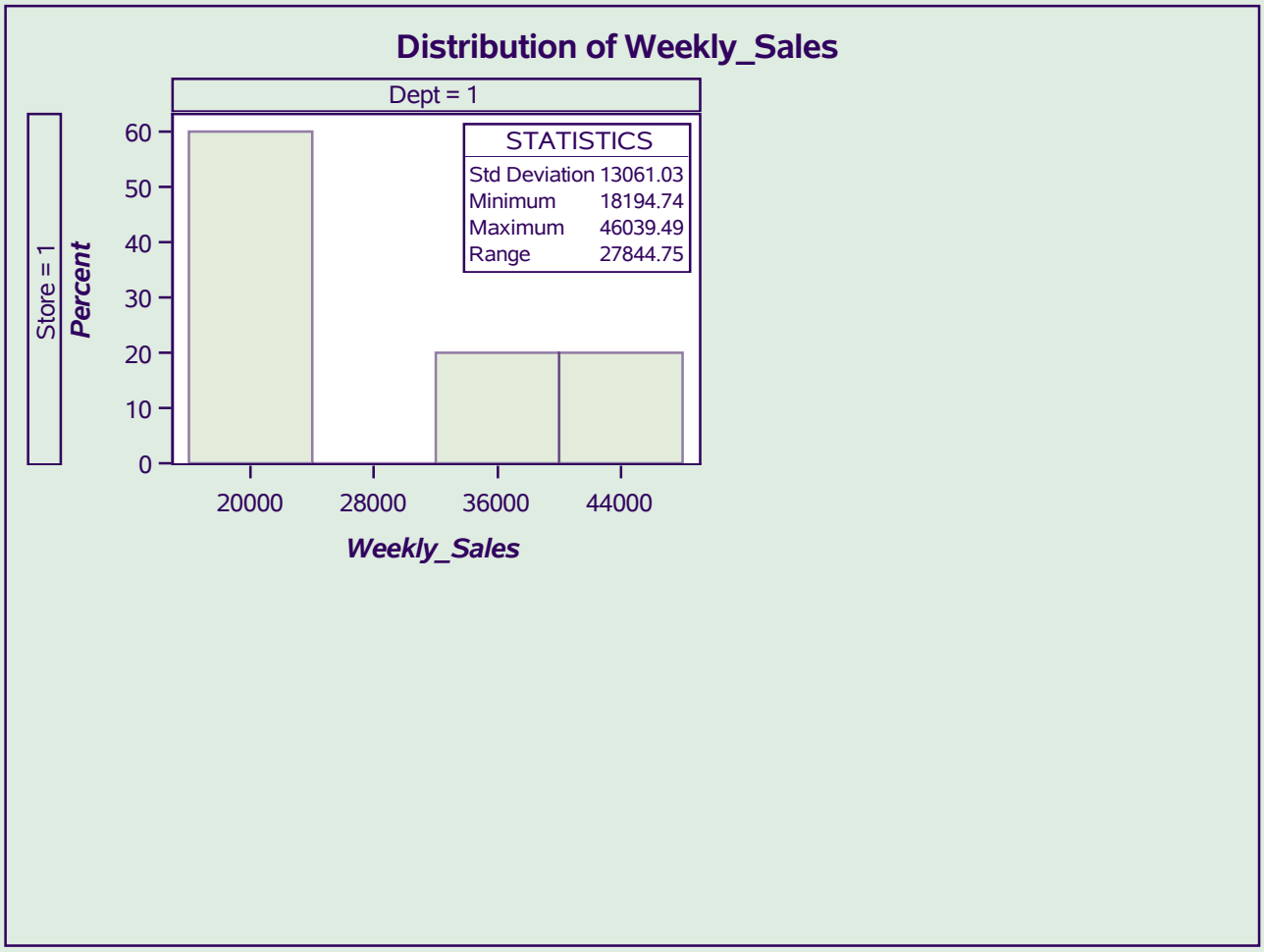
Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4.795912	Pr > |t|	0.0087
Sign	M	2.5	Pr >= |M|	0.0625
Signed Rank	S	7.5	Pr >= |S|	0.0625

Quantiles (Definition 5)	
Level	Quantile
100% Max	46039.5
99%	46039.5
95%	46039.5
90%	46039.5
75% Q3	37887.2
50% Median	19124.6
25% Q1	18820.3
10%	18194.7
5%	18194.7
1%	18194.7
0% Min	18194.7

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 1

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18194.7	32	18194.7	32
18820.3	43	18820.3	43
19124.6	48	19124.6	48
37887.2	54	37887.2	54
46039.5	2	46039.5	2

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 1

Moments			
N	5	Sum Weights	5
Mean	7.2	Sum Observations	36
Std Deviation	4.86826458	Variance	23.7
Skewness	-0.3969565	Kurtosis	-3.0769642
Uncorrected SS	354	Corrected SS	94.8
Coeff Variation	67.6147858	Std Error Mean	2.17715411

Basic Statistical Measures			
Location		Variability	
Mean	7.200000	Std Deviation	4.86826
Median	9.000000	Variance	23.70000
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	3.30707	Pr > |t|	0.0297
Sign	M	2.5	Pr >= |M|	0.0625
Signed Rank	S	7.5	Pr >= |S|	0.0625

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2
1%	2
0% Min	2

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 1

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	54	2	2
2	2	2	54
9	32	9	32
11	43	11	43
12	48	12	48

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 1

Moments			
N	5	Sum Weights	5
Mean	18541.6	Sum Observations	92708
Std Deviation	143.832542	Variance	20687.8
Skewness	-1.4625902	Kurtosis	2.09758341
Uncorrected SS	1719037404	Corrected SS	82751.2
Coeff Variation	0.77572886	Std Error Mean	64.323868

Basic Statistical Measures			
Location		Variability	
Mean	18541.60	Std Deviation	143.83254
Median	18592.00	Variance	20688
Mode	.	Range	364.00000
		Interquartile Range	112.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	288.2538	Pr > |t|	<.0001
Sign	M	2.5	Pr >= |M|	0.0625
Signed Rank	S	7.5	Pr >= |S|	0.0625

Quantiles (Definition 5)	
Level	Quantile
100% Max	18669
99%	18669
95%	18669
90%	18669
75% Q3	18627
50% Median	18592
25% Q1	18515
10%	18305
5%	18305

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 1

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	2	18305	2
18515	32	18515	32
18592	43	18592	43
18627	48	18627	48
18669	54	18669	54

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 1

Moments			
N	5	Sum Weights	5
Mean	28013.254	Sum Observations	140066.27
Std Deviation	13061.0272	Variance	170590433
Skewness	0.8217942	Kurtosis	-2.0821618
Uncorrected SS	4606073730	Corrected SS	682361731
Coeff Variation	46.6244559	Std Error Mean	5841.06896

Basic Statistical Measures			
Location		Variability	
Mean	28013.25	Std Deviation	13061
Median	19124.58	Variance	170590433
Mode	.	Range	27845
		Interquartile Range	19067

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4.795912	Pr > |t|	0.0087
Sign	M	2.5	Pr >= |M|	0.0625
Signed Rank	S	7.5	Pr >= |S|	0.0625

Quantiles (Definition 5)	
Level	Quantile
100% Max	46039.5
99%	46039.5
95%	46039.5
90%	46039.5
75% Q3	37887.2
50% Median	19124.6
25% Q1	18820.3
10%	18194.7
5%	18194.7

Calulation mean of sales over the holiday per store/department for each month

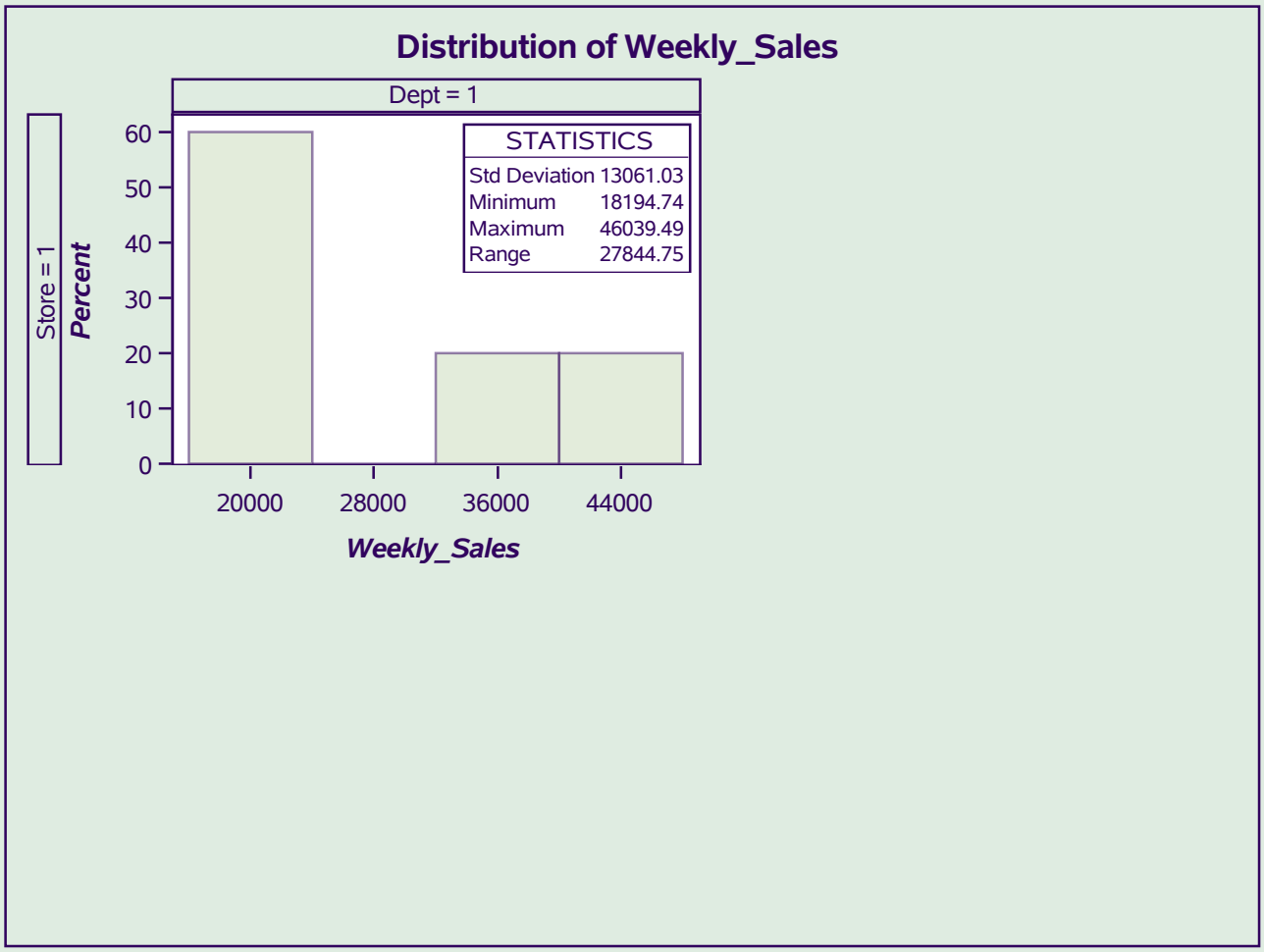
The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 1

Quantiles (Definition 5)	
Level	Quantile
1%	18194.7
0% Min	18194.7

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18194.7	32	18194.7	32
18820.3	43	18820.3	43
19124.6	48	19124.6	48
37887.2	54	37887.2	54
46039.5	2	46039.5	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure



Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 1

Moments			
N	5	Sum Weights	5
Mean	7.2	Sum Observations	36
Std Deviation	4.86826458	Variance	23.7
Skewness	-0.3969565	Kurtosis	-3.0769642
Uncorrected SS	354	Corrected SS	94.8
Coeff Variation	67.6147858	Std Error Mean	2.17715411

Basic Statistical Measures			
Location		Variability	
Mean	7.200000	Std Deviation	4.86826
Median	9.000000	Variance	23.70000
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	3.30707	Pr > |t|	0.0297
Sign	M	2.5	Pr >= |M|	0.0625
Signed Rank	S	7.5	Pr >= |S|	0.0625

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 1

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	54	2	2
2	2	2	54
9	32	9	32
11	43	11	43
12	48	12	48

Obs	Store	Dept	Date	Weekly_Sales	isHoliday	MYMONTH
1	1	1	2010-02-05	24924.50	FALSE	2
2	1	1	2010-02-12	46039.49	TRUE	2
3	1	1	2010-02-19	41595.55	FALSE	2
4	1	1	2010-02-26	19403.54	FALSE	2
5	1	1	2010-03-05	21827.90	FALSE	3
6	1	1	2010-03-12	21043.39	FALSE	3
7	1	1	2010-03-19	22136.64	FALSE	3
8	1	1	2010-03-26	26229.21	FALSE	3
9	1	1	2010-04-02	57258.43	FALSE	4
10	1	1	2010-04-09	42960.91	FALSE	4
11	1	1	2010-04-16	17596.96	FALSE	4
12	1	1	2010-04-23	16145.35	FALSE	4
13	1	1	2010-04-30	16555.11	FALSE	4
14	1	1	2010-05-07	17413.94	FALSE	5
15	1	1	2010-05-14	18926.74	FALSE	5
16	1	1	2010-05-21	14773.04	FALSE	5
17	1	1	2010-05-28	15580.43	FALSE	5
18	1	1	2010-06-04	17558.09	FALSE	6
19	1	1	2010-06-11	16637.62	FALSE	6
20	1	1	2010-06-18	16216.27	FALSE	6
21	1	1	2010-06-25	16328.72	FALSE	6
22	1	1	2010-07-02	16333.14	FALSE	7
23	1	1	2010-07-09	17688.76	FALSE	7
24	1	1	2010-07-16	17150.84	FALSE	7
25	1	1	2010-07-23	15360.45	FALSE	7
26	1	1	2010-07-30	15381.82	FALSE	7
27	1	1	2010-08-06	17508.41	FALSE	8
28	1	1	2010-08-13	15536.40	FALSE	8
29	1	1	2010-08-20	15740.13	FALSE	8
30	1	1	2010-08-27	15793.87	FALSE	8
31	1	1	2010-09-03	16241.78	FALSE	9
32	1	1	2010-09-10	18194.74	TRUE	9
33	1	1	2010-09-17	19354.23	FALSE	9
34	1	1	2010-09-24	18122.52	FALSE	9
35	1	1	2010-10-01	20094.19	FALSE	10
36	1	1	2010-10-08	23388.03	FALSE	10
37	1	1	2010-10-15	26978.34	FALSE	10
38	1	1	2010-10-22	25543.04	FALSE	10
39	1	1	2010-10-29	38640.93	FALSE	10
40	1	1	2010-11-05	34238.88	FALSE	11
41	1	1	2010-11-12	19549.39	FALSE	11

Obs	Store	Dept	Date	Weekly_Sales	isHoliday	MYMONTH
42	1	1	2010-11-19	19552.84	FALSE	11
43	1	1	2010-11-26	18820.29	TRUE	11
44	1	1	2010-12-03	22517.56	FALSE	12
45	1	1	2010-12-10	31497.65	FALSE	12
46	1	1	2010-12-17	44912.86	FALSE	12
47	1	1	2010-12-24	55931.23	FALSE	12
48	1	1	2010-12-31	19124.58	TRUE	12
49	1	1	2011-01-07	15984.24	FALSE	1
50	1	1	2011-01-14	17359.70	FALSE	1
51	1	1	2011-01-21	17341.47	FALSE	1
52	1	1	2011-01-28	18461.18	FALSE	1
53	1	1	2011-02-04	21665.76	FALSE	2
54	1	1	2011-02-11	37887.17	TRUE	2
55	1	1	2011-02-18	46845.87	FALSE	2
56	1	1	2011-02-25	19363.83	FALSE	2
57	1	1	2011-03-04	20327.61	FALSE	3
58	1	1	2011-03-11	21280.40	FALSE	3
59	1	1	2011-03-18	20334.23	FALSE	3
60	1	1	2011-03-25	20881.10	FALSE	3
61	1	1	2011-04-01	20398.09	FALSE	4
62	1	1	2011-04-08	23873.79	FALSE	4
63	1	1	2011-04-15	28762.37	FALSE	4
64	1	1	2011-04-22	50510.31	FALSE	4
65	1	1	2011-04-29	41512.39	FALSE	4
66	1	1	2011-05-06	20138.19	FALSE	5
67	1	1	2011-05-13	17235.15	FALSE	5
68	1	1	2011-05-20	15136.78	FALSE	5
69	1	1	2011-05-27	15741.60	FALSE	5
70	1	1	2011-06-03	16434.15	FALSE	6
71	1	1	2011-06-10	15883.52	FALSE	6
72	1	1	2011-06-17	14978.09	FALSE	6
73	1	1	2011-06-24	15682.81	FALSE	6
74	1	1	2011-07-01	15363.50	FALSE	7
75	1	1	2011-07-08	16148.87	FALSE	7
76	1	1	2011-07-15	15654.85	FALSE	7
77	1	1	2011-07-22	15766.60	FALSE	7
78	1	1	2011-07-29	15922.41	FALSE	7
79	1	1	2011-08-05	15295.55	FALSE	8
80	1	1	2011-08-12	14539.79	FALSE	8
81	1	1	2011-08-19	14689.24	FALSE	8
82	1	1	2011-08-26	14537.37	FALSE	8

Obs	Store	Dept	Date	Weekly_Sales	isHoliday	MYMONTH
83	1	1	2011-09-02	15277.27	FALSE	9
84	1	1	2011-09-09	17746.68	TRUE	9
85	1	1	2011-09-16	18535.48	FALSE	9
86	1	1	2011-09-23	17859.30	FALSE	9
87	1	1	2011-09-30	18337.68	FALSE	9
88	1	1	2011-10-07	20797.58	FALSE	10
89	1	1	2011-10-14	23077.55	FALSE	10
90	1	1	2011-10-21	23351.80	FALSE	10
91	1	1	2011-10-28	31579.90	FALSE	10
92	1	1	2011-11-04	39886.06	FALSE	11
93	1	1	2011-11-11	18689.54	FALSE	11
94	1	1	2011-11-18	19050.66	FALSE	11
95	1	1	2011-11-25	20911.25	TRUE	11
96	1	1	2011-12-02	25293.49	FALSE	12
97	1	1	2011-12-09	33305.92	FALSE	12
98	1	1	2011-12-16	45773.03	FALSE	12
99	1	1	2011-12-23	46788.75	FALSE	12
100	1	1	2011-12-30	23350.88	TRUE	12

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 1

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 1

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	2	18879	84
18515	32	18956	95
18592	43	18991	100
18627	48	19033	106
18669	54	19243	136

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 2

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 2

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	145	18879	227
18515	175	18956	238
18592	186	18991	243
18627	191	19033	249
18669	197	19243	279

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 3

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 3

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	288	18879	370
18515	318	18956	381
18592	329	18991	386
18627	334	19033	392
18669	340	19243	422

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 4

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 4

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	431	18879	513
18515	461	18956	524
18592	472	18991	529
18627	477	19033	535
18669	483	19243	565

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 5

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 5

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	574	18879	656
18515	604	18956	667
18592	615	18991	672
18627	620	19033	678
18669	626	19243	708

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 6

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 6

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	717	18879	799
18515	747	18956	810
18592	758	18991	815
18627	763	19033	821
18669	769	19243	851

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 7

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 7

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	860	18879	942
18515	890	18956	953
18592	901	18991	958
18627	906	19033	964
18669	912	19243	994

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 8

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 8

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	1003	18879	1085
18515	1033	18956	1096
18592	1044	18991	1101
18627	1049	19033	1107
18669	1055	19243	1137

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 9

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 9

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	1146	18879	1228
18515	1176	18956	1239
18592	1187	18991	1244
18627	1192	19033	1250
18669	1198	19243	1280

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 10

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 10

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	1289	18879	1371
18515	1319	18956	1382
18592	1330	18991	1387
18627	1335	19033	1393
18669	1341	19243	1423

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 1

Moments			
N	10	Sum Weights	10
Mean	25738.594	Sum Observations	257385.94
Std Deviation	10449.1774	Variance	109185309
Skewness	1.15516794	Kurtosis	-0.26086
Uncorrected SS	7607419989	Corrected SS	982667778
Coeff Variation	40.5973124	Std Error Mean	3304.32003

Basic Statistical Measures			
Location		Variability	
Mean	25738.59	Std Deviation	10449
Median	20017.92	Variance	109185309
Mode	.	Range	28293
		Interquartile Range	18666

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	7.789377	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	46039.5
99%	46039.5
95%	46039.5
90%	41963.3
75% Q3	36988.5
50% Median	20017.9
25% Q1	18322.4
10%	17970.7
5%	17746.7

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 1

Quantiles (Definition 5)	
Level	Quantile
1%	17746.7
0% Min	17746.7

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
17746.7	84	20911.3	95
18194.7	32	23350.9	100
18322.4	136	36988.5	106
18820.3	43	37887.2	54
19124.6	48	46039.5	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 2

Moments			
N	10	Sum Weights	10
Mean	44800.334	Sum Observations	448003.34
Std Deviation	3849.57442	Variance	14819223.2
Skewness	-1.2111911	Kurtosis	3.34502621
Uncorrected SS	2.02041E10	Corrected SS	133373009
Coeff Variation	8.59273598	Std Error Mean	1217.34232

Basic Statistical Measures			
Location		Variability	
Mean	44800.33	Std Deviation	3850
Median	44932.62	Variance	14819223
Mode	.	Range	14761
		Interquartile Range	3805

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	36.80176	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	50581.1
99%	50581.1
95%	50581.1
90%	49088.2
75% Q3	47344.5
50% Median	44932.6
25% Q1	43539.9
10%	39567.8
5%	35819.8

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 2

Quantiles (Definition 5)	
Level	Quantile
1%	35819.8
0% Min	35819.8

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
35819.8	191	45182.5	175
43315.9	227	45682.0	186
43539.9	243	47344.5	279
44259.6	238	47595.4	197
44682.7	145	50581.1	249

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 3

Moments			
N	10	Sum Weights	10
Mean	11512.537	Sum Observations	115125.37
Std Deviation	2853.11617	Variance	8140271.88
Skewness	1.55923766	Kurtosis	3.55884293
Uncorrected SS	1398647529	Corrected SS	73262446.9
Coeff Variation	24.7826884	Std Error Mean	902.234553

Basic Statistical Measures			
Location		Variability	
Mean	11512.54	Std Deviation	2853
Median	11158.05	Variance	8140272
Mode	.	Range	10102
		Interquartile Range	3071

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	12.76003	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	18368.51
99%	18368.51
95%	18368.51
90%	15573.40
75% Q3	12388.85
50% Median	11158.05
25% Q1	9317.56
10%	8557.29
5%	8266.14

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 3

Quantiles (Definition 5)	
Level	Quantile
1%	8266.14
0% Min	8266.14

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
8266.14	334	11428.3	340
8848.44	386	12134.7	318
9317.56	381	12388.9	392
10706.81	329	12778.3	370
10887.84	288	18368.5	422

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 4

Moments			
N	10	Sum Weights	10
Mean	39033.911	Sum Observations	390339.11
Std Deviation	4127.52417	Variance	17036455.8
Skewness	1.28728442	Kurtosis	0.43331559
Uncorrected SS	1.53898E10	Corrected SS	153328102
Coeff Variation	10.5742009	Std Error Mean	1305.23775

Basic Statistical Measures			
Location		Variability	
Mean	39033.91	Std Deviation	4128
Median	37372.28	Variance	17036456
Mode	.	Range	11458
		Interquartile Range	2945

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	29.90559	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	46564.1
99%	46564.1
95%	46564.1
90%	46382.7
75% Q3	39549.3
50% Median	37372.3
25% Q1	36603.8
10%	35228.6
5%	35106.0

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 4

Quantiles (Definition 5)	
Level	Quantile
1%	35106.0
0% Min	35106.0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
35106.0	513	37373.3	483
35351.2	431	39305.1	535
36603.8	461	39549.3	565
36913.8	477	46201.3	472
37371.2	529	46564.1	524

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 5

Moments			
N	10	Sum Weights	10
Mean	37623.458	Sum Observations	376234.58
Std Deviation	21116.9227	Variance	445924426
Skewness	1.2517792	Kurtosis	0.67544579
Uncorrected SS	1.81686E10	Corrected SS	4013319832
Coeff Variation	56.1270119	Std Error Mean	6677.7573

Basic Statistical Measures			
Location		Variability	
Mean	37623.46	Std Deviation	21117
Median	33631.29	Variance	445924426
Mode	.	Range	61564
		Interquartile Range	19020

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.634146	Pr > |t|	0.0003
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	79340.2
99%	79340.2
95%	79340.2
90%	74749.5
75% Q3	38096.0
50% Median	33631.3
25% Q1	19075.8
10%	18006.4
5%	17776.6

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 5

Quantiles (Definition 5)	
Level	Quantile
1%	17776.6
0% Min	17776.6

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
17776.6	604	34981.8	672
18236.2	708	36667.7	626
19075.8	656	38096.0	678
29620.8	574	70158.9	615
32280.8	620	79340.2	667

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 6

Moments			
N	10	Sum Weights	10
Mean	8547.478	Sum Observations	85474.78
Std Deviation	5996.10303	Variance	35953251.6
Skewness	1.4200359	Kurtosis	0.80301457
Uncorrected SS	1054173066	Corrected SS	323579264
Coeff Variation	70.1505524	Std Error Mean	1896.13427

Basic Statistical Measures			
Location		Variability	
Mean	8547.478	Std Deviation	5996
Median	6388.515	Variance	35953252
Mode	.	Range	17587
		Interquartile Range	4592

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4.507844	Pr > |t|	0.0015
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	20163.69
99%	20163.69
95%	20163.69
90%	19396.76
75% Q3	9135.00
50% Median	6388.52
25% Q1	4542.80
10%	3504.67
5%	2576.64

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 6

Quantiles (Definition 5)	
Level	Quantile
1%	2576.64
0% Min	2576.64

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2576.64	851	6629.60	815
4432.69	747	7338.85	821
4542.80	769	9135.00	717
5878.25	763	18629.83	810
6147.43	799	20163.69	758

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 7

Moments			
N	10	Sum Weights	10
Mean	32167.062	Sum Observations	321670.62
Std Deviation	21996.0409	Variance	483825816
Skewness	1.42045502	Kurtosis	0.55791195
Uncorrected SS	1.47016E10	Corrected SS	4354432348
Coeff Variation	68.380634	Std Error Mean	6955.75888

Basic Statistical Measures			
Location		Variability	
Mean	32167.06	Std Deviation	21996
Median	21394.06	Variance	483825816
Mode	.	Range	59264
		Interquartile Range	19906

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4.624522	Pr > |t|	0.0012
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	72635.1
99%	72635.1
95%	72635.1
90%	71893.2
75% Q3	38216.0
50% Median	21394.1
25% Q1	18310.3
10%	15156.1
5%	13370.8

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 7

Quantiles (Definition 5)	
Level	Quantile
1%	13370.8
0% Min	13370.8

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
13370.8	942	21619.1	964
16941.4	994	27433.1	906
18310.3	860	38216.0	958
20824.5	890	71151.3	953
21169.1	912	72635.1	901

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 8

Moments			
N	10	Sum Weights	10
Mean	34982.947	Sum Observations	349829.47
Std Deviation	2408.59862	Variance	5801347.32
Skewness	0.5520913	Kurtosis	-1.4673902
Uncorrected SS	1.22903E10	Corrected SS	52212125.9
Coeff Variation	6.88506495	Std Error Mean	761.665762

Basic Statistical Measures			
Location		Variability	
Mean	34982.95	Std Deviation	2409
Median	34173.10	Variance	5801347
Mode	.	Range	6246
		Interquartile Range	4583

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	45.92953	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	38666.2
99%	38666.2
95%	38666.2
90%	38492.1
75% Q3	37334.8
50% Median	34173.1
25% Q1	32751.7
10%	32578.8
5%	32419.8

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 8

Quantiles (Definition 5)	
Level	Quantile
1%	32419.8
0% Min	32419.8

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
32419.8	1101	34246.7	1085
32737.9	1033	36011.1	1055
32751.7	1049	37334.8	1003
33243.9	1096	38317.9	1107
34099.5	1044	38666.2	1137

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 9

Moments			
N	10	Sum Weights	10
Mean	30893.875	Sum Observations	308938.75
Std Deviation	11382.2557	Variance	129555744
Skewness	-0.1071996	Kurtosis	-1.9470312
Uncorrected SS	1.07103E10	Corrected SS	1166001700
Coeff Variation	36.8430819	Std Error Mean	3599.38529

Basic Statistical Measures			
Location		Variability	
Mean	30893.88	Std Deviation	11382
Median	31321.55	Variance	129555744
Mode	.	Range	28439
		Interquartile Range	21243

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	8.583098	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	44504.2
99%	44504.2
95%	44504.2
90%	43712.6
75% Q3	42228.8
50% Median	31321.6
25% Q1	20985.4
10%	16313.8
5%	16065.1

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 9

Quantiles (Definition 5)	
Level	Quantile
1%	16065.1
0% Min	16065.1

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
16065.1	1198	35450.7	1228
16562.5	1146	40143.9	1176
20985.4	1250	42228.8	1239
22884.8	1192	42921.0	1280
27192.4	1244	44504.2	1187

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 10

Moments			
N	10	Sum Weights	10
Mean	31333.708	Sum Observations	313337.08
Std Deviation	3643.65826	Variance	13276245.5
Skewness	0.10333357	Kurtosis	0.30573628
Uncorrected SS	9937498780	Corrected SS	119486209
Coeff Variation	11.6285575	Std Error Mean	1152.22591

Basic Statistical Measures			
Location		Variability	
Mean	31333.71	Std Deviation	3644
Median	31253.61	Variance	13276245
Mode	.	Range	12000
		Interquartile Range	1404

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	27.19407	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	37764.4
99%	37764.4
95%	37764.4
90%	36719.0
75% Q3	32256.1
50% Median	31253.6
25% Q1	30851.8
10%	25955.9
5%	25764.3

Calulation mean of sales over the holiday per store/department for each month

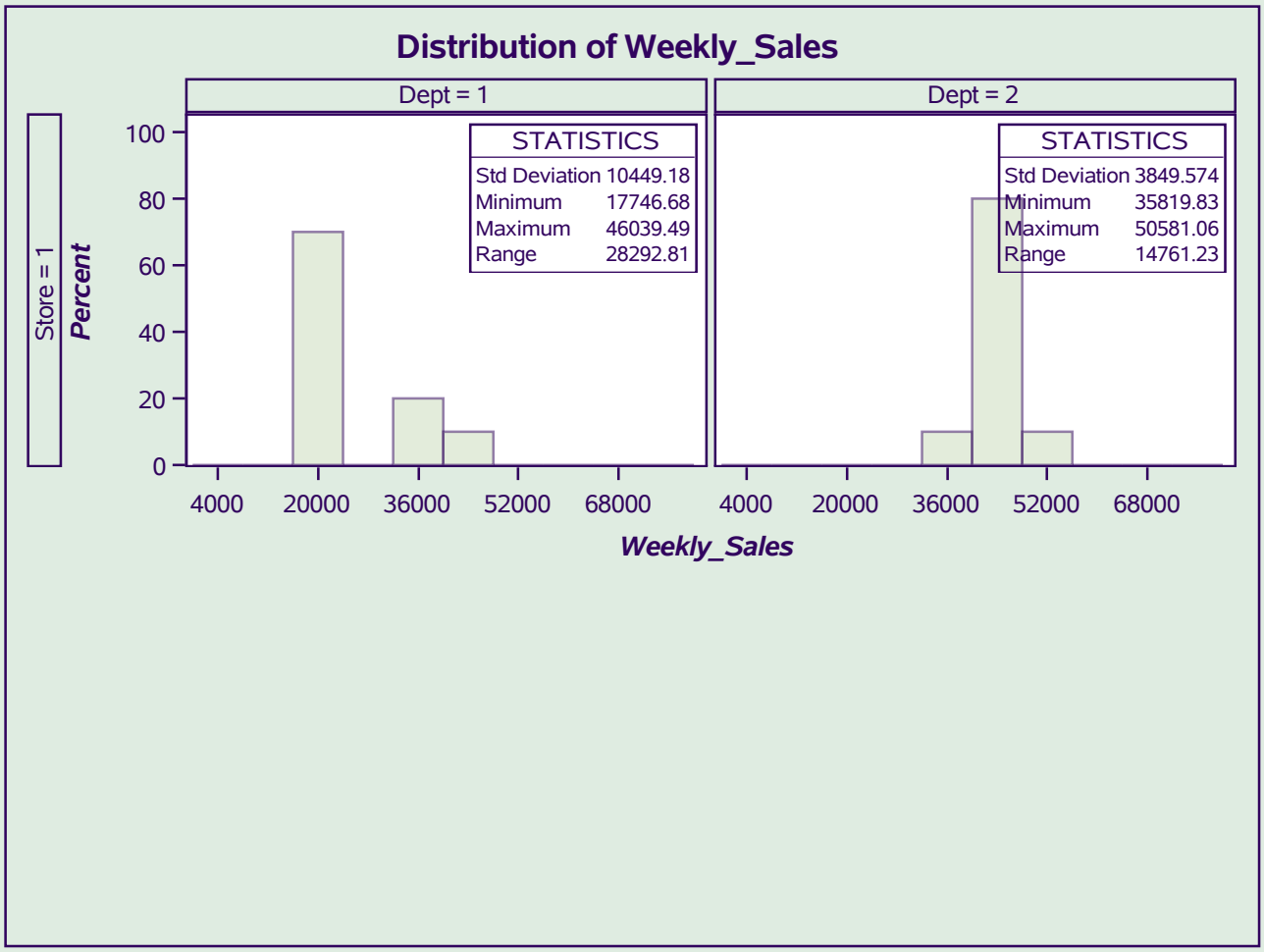
The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 10

Quantiles (Definition 5)	
Level	Quantile
1%	25764.3
0% Min	25764.3

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
25764.3	1335	31416.5	1371
26147.5	1387	31494.8	1289
30851.8	1423	32256.1	1319
30877.5	1382	35673.6	1341
31090.7	1330	37764.4	1393

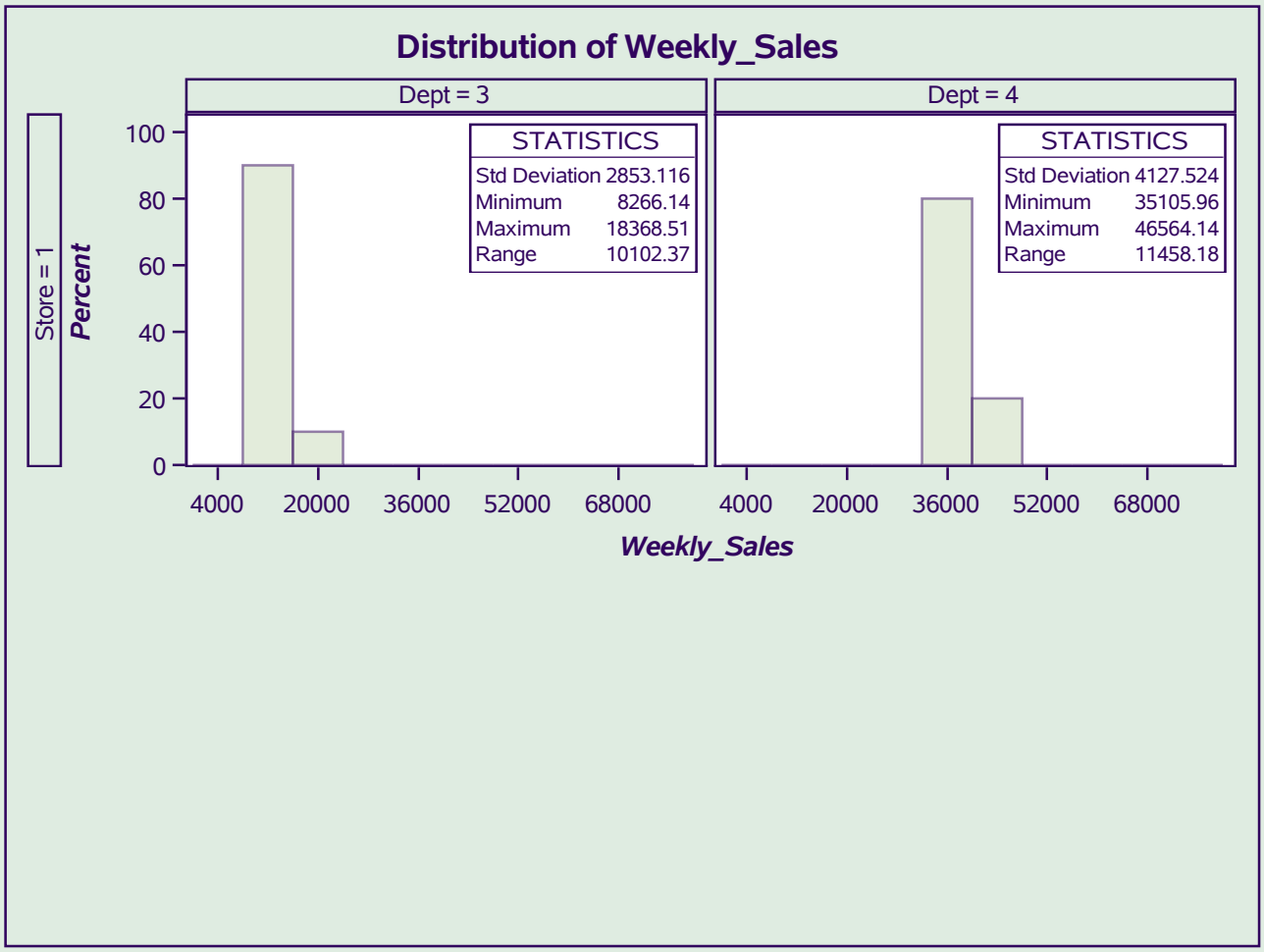
Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure



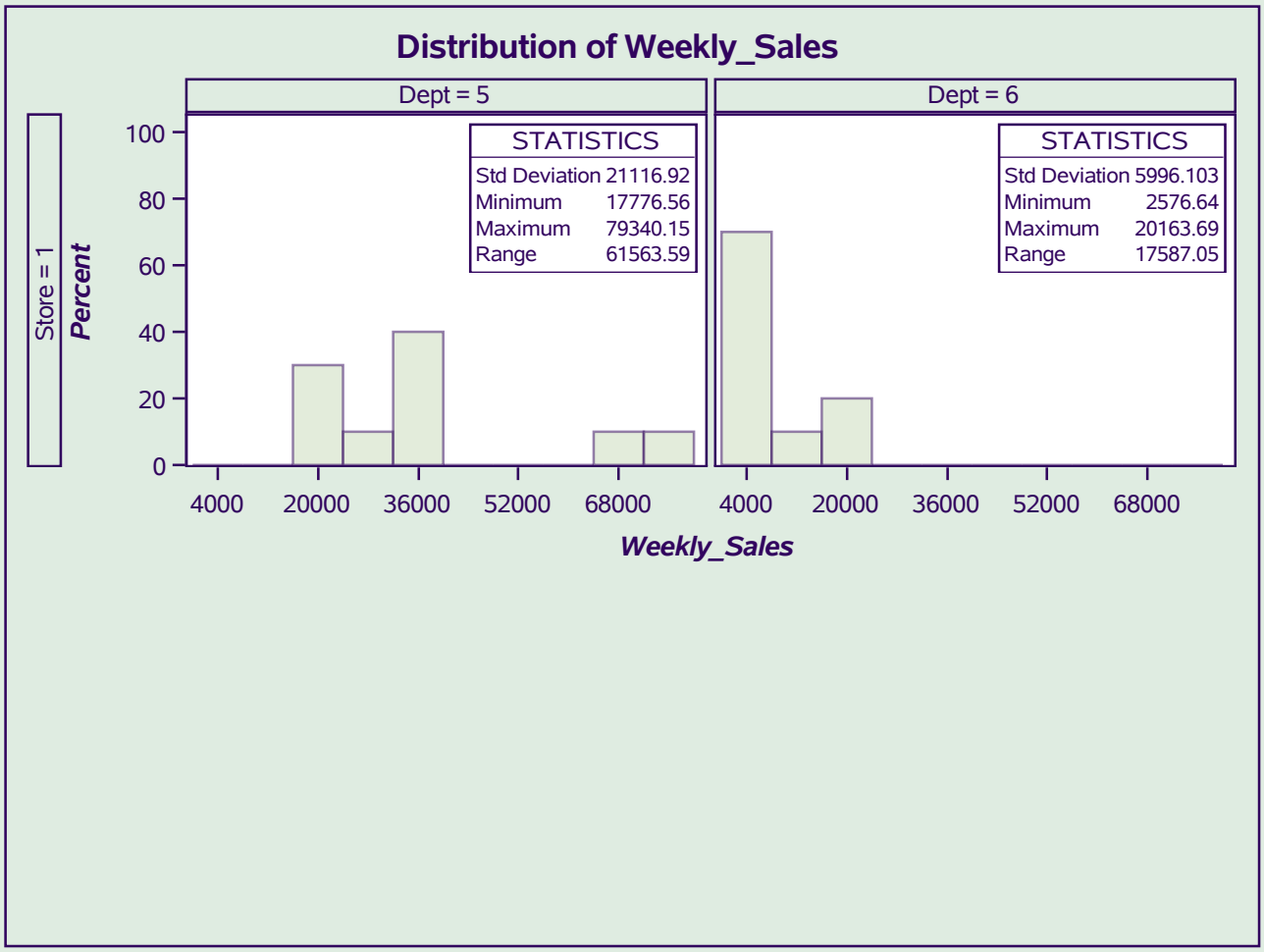
Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure



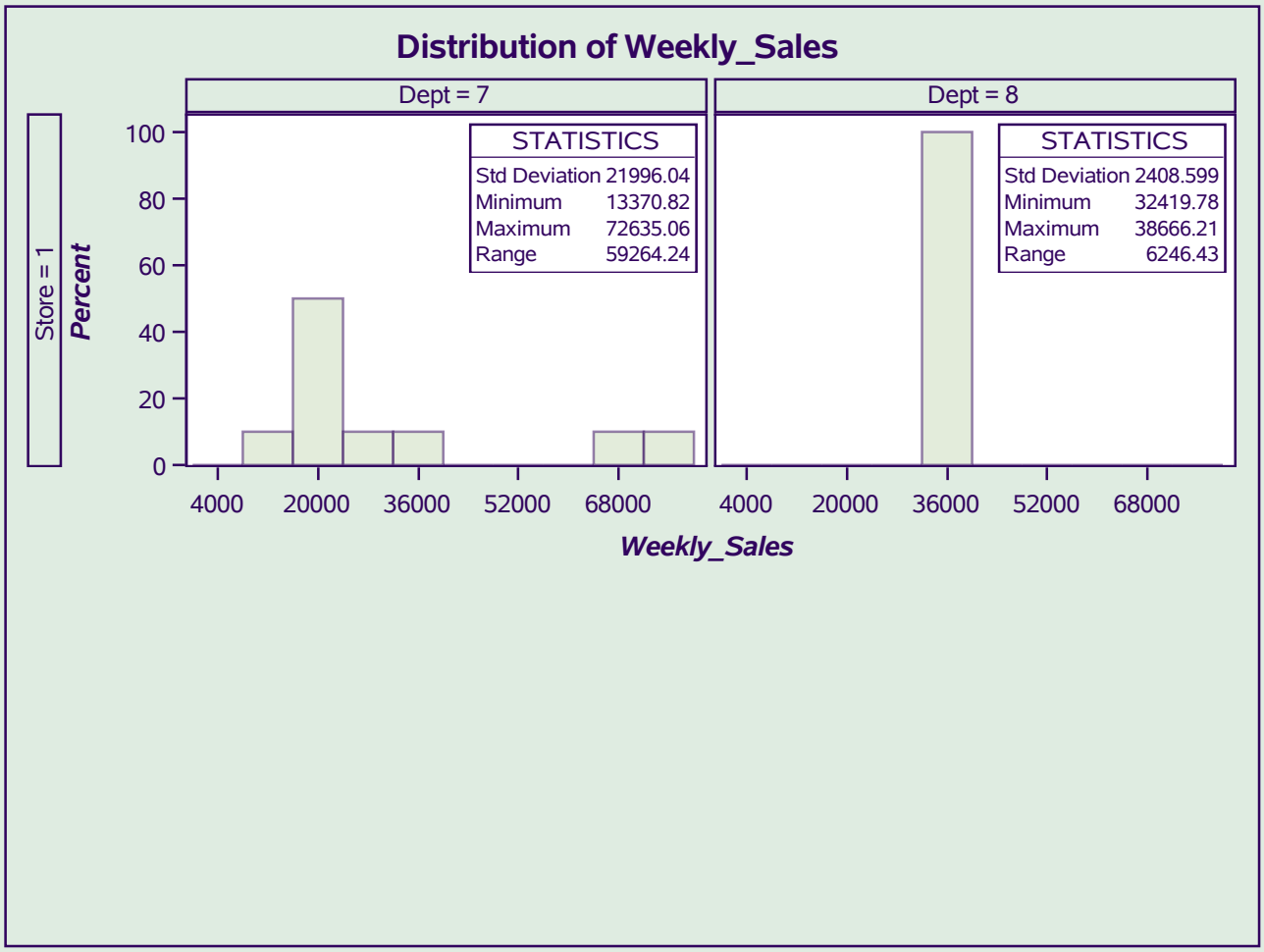
Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure



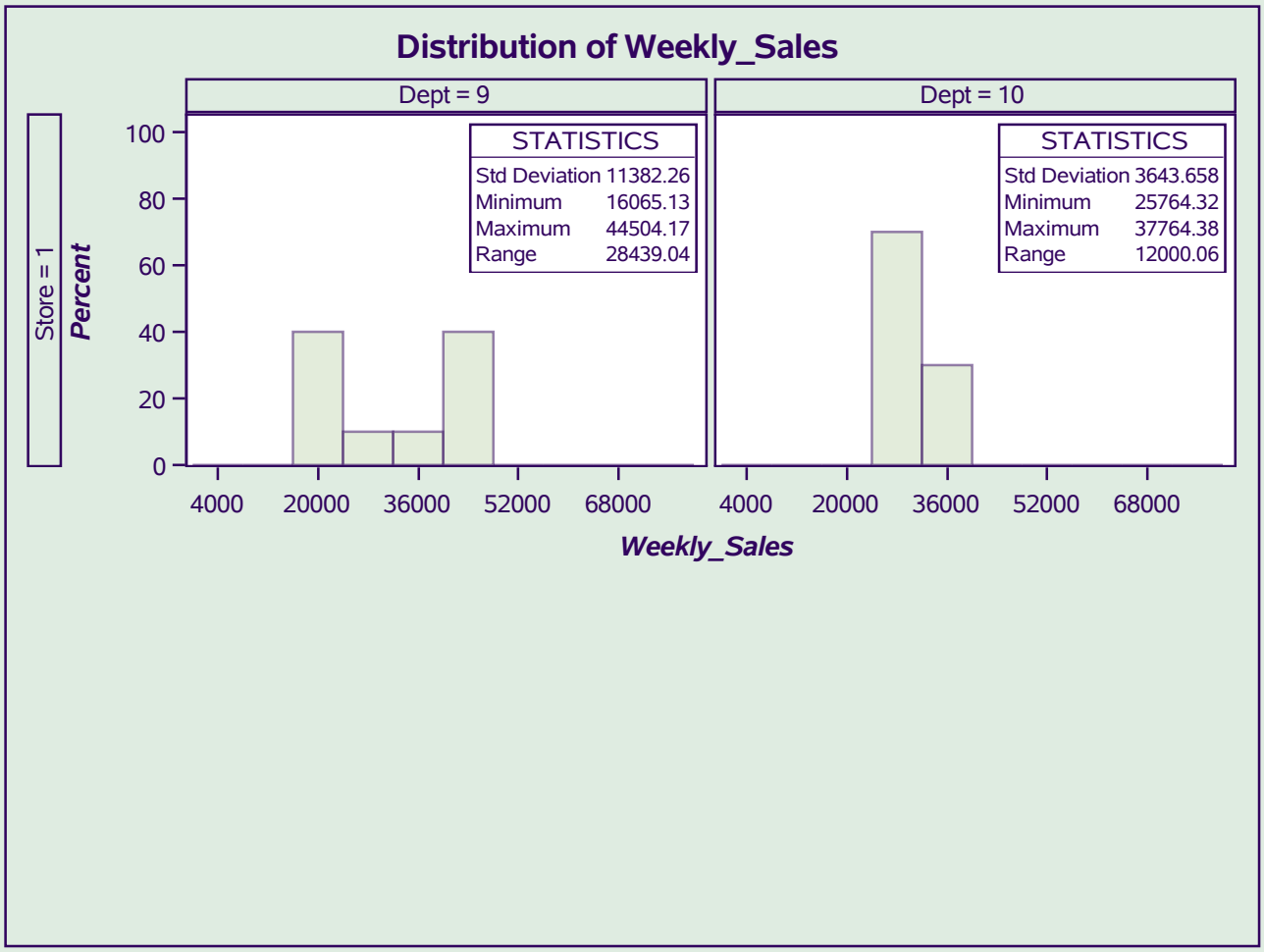
Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure



Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure



Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 1

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 1

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	106	9	136
2	54	11	43
2	2	11	95
9	136	12	48
9	84	12	100

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 2

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 2

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	249	9	279
2	197	11	186
2	145	11	238
9	279	12	191
9	227	12	243

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 3

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 3

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	392	9	422
2	340	11	329
2	288	11	381
9	422	12	334
9	370	12	386

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 4

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 4

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	535	9	565
2	483	11	472
2	431	11	524
9	565	12	477
9	513	12	529

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 5

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 5

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	678	9	708
2	626	11	615
2	574	11	667
9	708	12	620
9	656	12	672

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 6

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 6

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	821	9	851
2	769	11	758
2	717	11	810
9	851	12	763
9	799	12	815

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 7

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 7

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	964	9	994
2	912	11	901
2	860	11	953
9	994	12	906
9	942	12	958

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 8

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 8

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	1107	9	1137
2	1055	11	1044
2	1003	11	1096
9	1137	12	1049
9	1085	12	1101

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 9

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 9

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	1250	9	1280
2	1198	11	1187
2	1146	11	1239
9	1280	12	1192
9	1228	12	1244

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 10

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 10

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	1393	9	1423
2	1341	11	1330
2	1289	11	1382
9	1423	12	1335
9	1371	12	1387

Obs	Store	Dept	Date	Weekly_Sales	isHoliday	MYMONTH
1	1	1	2010-02-05	24924.50	FALSE	2
2	1	1	2010-02-12	46039.49	TRUE	2
3	1	1	2010-02-19	41595.55	FALSE	2
4	1	1	2010-02-26	19403.54	FALSE	2
5	1	1	2010-03-05	21827.90	FALSE	3
6	1	1	2010-03-12	21043.39	FALSE	3
7	1	1	2010-03-19	22136.64	FALSE	3
8	1	1	2010-03-26	26229.21	FALSE	3
9	1	1	2010-04-02	57258.43	FALSE	4
10	1	1	2010-04-09	42960.91	FALSE	4
11	1	1	2010-04-16	17596.96	FALSE	4
12	1	1	2010-04-23	16145.35	FALSE	4
13	1	1	2010-04-30	16555.11	FALSE	4
14	1	1	2010-05-07	17413.94	FALSE	5
15	1	1	2010-05-14	18926.74	FALSE	5
16	1	1	2010-05-21	14773.04	FALSE	5
17	1	1	2010-05-28	15580.43	FALSE	5
18	1	1	2010-06-04	17558.09	FALSE	6
19	1	1	2010-06-11	16637.62	FALSE	6
20	1	1	2010-06-18	16216.27	FALSE	6
21	1	1	2010-06-25	16328.72	FALSE	6
22	1	1	2010-07-02	16333.14	FALSE	7
23	1	1	2010-07-09	17688.76	FALSE	7
24	1	1	2010-07-16	17150.84	FALSE	7
25	1	1	2010-07-23	15360.45	FALSE	7
26	1	1	2010-07-30	15381.82	FALSE	7
27	1	1	2010-08-06	17508.41	FALSE	8
28	1	1	2010-08-13	15536.40	FALSE	8
29	1	1	2010-08-20	15740.13	FALSE	8
30	1	1	2010-08-27	15793.87	FALSE	8
31	1	1	2010-09-03	16241.78	FALSE	9
32	1	1	2010-09-10	18194.74	TRUE	9
33	1	1	2010-09-17	19354.23	FALSE	9
34	1	1	2010-09-24	18122.52	FALSE	9
35	1	1	2010-10-01	20094.19	FALSE	10
36	1	1	2010-10-08	23388.03	FALSE	10
37	1	1	2010-10-15	26978.34	FALSE	10
38	1	1	2010-10-22	25543.04	FALSE	10
39	1	1	2010-10-29	38640.93	FALSE	10
40	1	1	2010-11-05	34238.88	FALSE	11
41	1	1	2010-11-12	19549.39	FALSE	11

Obs	Store	Dept	Date	Weekly_Sales	isHoliday	MYMONTH
42	1	1	2010-11-19	19552.84	FALSE	11
43	1	1	2010-11-26	18820.29	TRUE	11
44	1	1	2010-12-03	22517.56	FALSE	12
45	1	1	2010-12-10	31497.65	FALSE	12
46	1	1	2010-12-17	44912.86	FALSE	12
47	1	1	2010-12-24	55931.23	FALSE	12
48	1	1	2010-12-31	19124.58	TRUE	12
49	1	1	2011-01-07	15984.24	FALSE	1
50	1	1	2011-01-14	17359.70	FALSE	1
51	1	1	2011-01-21	17341.47	FALSE	1
52	1	1	2011-01-28	18461.18	FALSE	1
53	1	1	2011-02-04	21665.76	FALSE	2
54	1	1	2011-02-11	37887.17	TRUE	2
55	1	1	2011-02-18	46845.87	FALSE	2
56	1	1	2011-02-25	19363.83	FALSE	2
57	1	1	2011-03-04	20327.61	FALSE	3
58	1	1	2011-03-11	21280.40	FALSE	3
59	1	1	2011-03-18	20334.23	FALSE	3
60	1	1	2011-03-25	20881.10	FALSE	3
61	1	1	2011-04-01	20398.09	FALSE	4
62	1	1	2011-04-08	23873.79	FALSE	4
63	1	1	2011-04-15	28762.37	FALSE	4
64	1	1	2011-04-22	50510.31	FALSE	4
65	1	1	2011-04-29	41512.39	FALSE	4
66	1	1	2011-05-06	20138.19	FALSE	5
67	1	1	2011-05-13	17235.15	FALSE	5
68	1	1	2011-05-20	15136.78	FALSE	5
69	1	1	2011-05-27	15741.60	FALSE	5
70	1	1	2011-06-03	16434.15	FALSE	6
71	1	1	2011-06-10	15883.52	FALSE	6
72	1	1	2011-06-17	14978.09	FALSE	6
73	1	1	2011-06-24	15682.81	FALSE	6
74	1	1	2011-07-01	15363.50	FALSE	7
75	1	1	2011-07-08	16148.87	FALSE	7
76	1	1	2011-07-15	15654.85	FALSE	7
77	1	1	2011-07-22	15766.60	FALSE	7
78	1	1	2011-07-29	15922.41	FALSE	7
79	1	1	2011-08-05	15295.55	FALSE	8
80	1	1	2011-08-12	14539.79	FALSE	8
81	1	1	2011-08-19	14689.24	FALSE	8
82	1	1	2011-08-26	14537.37	FALSE	8

Obs	Store	Dept	Date	Weekly_Sales	isHoliday	MYMONTH
83	1	1	2011-09-02	15277.27	FALSE	9
84	1	1	2011-09-09	17746.68	TRUE	9
85	1	1	2011-09-16	18535.48	FALSE	9
86	1	1	2011-09-23	17859.30	FALSE	9
87	1	1	2011-09-30	18337.68	FALSE	9
88	1	1	2011-10-07	20797.58	FALSE	10
89	1	1	2011-10-14	23077.55	FALSE	10
90	1	1	2011-10-21	23351.80	FALSE	10
91	1	1	2011-10-28	31579.90	FALSE	10
92	1	1	2011-11-04	39886.06	FALSE	11
93	1	1	2011-11-11	18689.54	FALSE	11
94	1	1	2011-11-18	19050.66	FALSE	11
95	1	1	2011-11-25	20911.25	TRUE	11
96	1	1	2011-12-02	25293.49	FALSE	12
97	1	1	2011-12-09	33305.92	FALSE	12
98	1	1	2011-12-16	45773.03	FALSE	12
99	1	1	2011-12-23	46788.75	FALSE	12
100	1	1	2011-12-30	23350.88	TRUE	12

Obs	Store	Dept	Date	Weekly_Sales	isHoliday	MYMONTH
1	1	1	2010-02-05	24924.50	FALSE	2
2	1	1	2010-02-12	46039.49	TRUE	2
3	1	1	2010-02-19	41595.55	FALSE	2
4	1	1	2010-02-26	19403.54	FALSE	2
5	1	1	2010-03-05	21827.90	FALSE	3
6	1	1	2010-03-12	21043.39	FALSE	3
7	1	1	2010-03-19	22136.64	FALSE	3
8	1	1	2010-03-26	26229.21	FALSE	3
9	1	1	2010-04-02	57258.43	FALSE	4
10	1	1	2010-04-09	42960.91	FALSE	4
11	1	1	2010-04-16	17596.96	FALSE	4
12	1	1	2010-04-23	16145.35	FALSE	4
13	1	1	2010-04-30	16555.11	FALSE	4
14	1	1	2010-05-07	17413.94	FALSE	5
15	1	1	2010-05-14	18926.74	FALSE	5
16	1	1	2010-05-21	14773.04	FALSE	5
17	1	1	2010-05-28	15580.43	FALSE	5
18	1	1	2010-06-04	17558.09	FALSE	6
19	1	1	2010-06-11	16637.62	FALSE	6
20	1	1	2010-06-18	16216.27	FALSE	6
21	1	1	2010-06-25	16328.72	FALSE	6
22	1	1	2010-07-02	16333.14	FALSE	7
23	1	1	2010-07-09	17688.76	FALSE	7
24	1	1	2010-07-16	17150.84	FALSE	7
25	1	1	2010-07-23	15360.45	FALSE	7
26	1	1	2010-07-30	15381.82	FALSE	7
27	1	1	2010-08-06	17508.41	FALSE	8
28	1	1	2010-08-13	15536.40	FALSE	8
29	1	1	2010-08-20	15740.13	FALSE	8
30	1	1	2010-08-27	15793.87	FALSE	8
31	1	1	2010-09-03	16241.78	FALSE	9
32	1	1	2010-09-10	18194.74	TRUE	9
33	1	1	2010-09-17	19354.23	FALSE	9
34	1	1	2010-09-24	18122.52	FALSE	9
35	1	1	2010-10-01	20094.19	FALSE	10
36	1	1	2010-10-08	23388.03	FALSE	10
37	1	1	2010-10-15	26978.34	FALSE	10
38	1	1	2010-10-22	25543.04	FALSE	10
39	1	1	2010-10-29	38640.93	FALSE	10
40	1	1	2010-11-05	34238.88	FALSE	11
41	1	1	2010-11-12	19549.39	FALSE	11

Obs	Store	Dept	Date	Weekly_Sales	isHoliday	MYMONTH
42	1	1	2010-11-19	19552.84	FALSE	11
43	1	1	2010-11-26	18820.29	TRUE	11
44	1	1	2010-12-03	22517.56	FALSE	12
45	1	1	2010-12-10	31497.65	FALSE	12
46	1	1	2010-12-17	44912.86	FALSE	12
47	1	1	2010-12-24	55931.23	FALSE	12
48	1	1	2010-12-31	19124.58	TRUE	12
49	1	1	2011-01-07	15984.24	FALSE	1
50	1	1	2011-01-14	17359.70	FALSE	1
51	1	1	2011-01-21	17341.47	FALSE	1
52	1	1	2011-01-28	18461.18	FALSE	1
53	1	1	2011-02-04	21665.76	FALSE	2
54	1	1	2011-02-11	37887.17	TRUE	2
55	1	1	2011-02-18	46845.87	FALSE	2
56	1	1	2011-02-25	19363.83	FALSE	2
57	1	1	2011-03-04	20327.61	FALSE	3
58	1	1	2011-03-11	21280.40	FALSE	3
59	1	1	2011-03-18	20334.23	FALSE	3
60	1	1	2011-03-25	20881.10	FALSE	3
61	1	1	2011-04-01	20398.09	FALSE	4
62	1	1	2011-04-08	23873.79	FALSE	4
63	1	1	2011-04-15	28762.37	FALSE	4
64	1	1	2011-04-22	50510.31	FALSE	4
65	1	1	2011-04-29	41512.39	FALSE	4
66	1	1	2011-05-06	20138.19	FALSE	5
67	1	1	2011-05-13	17235.15	FALSE	5
68	1	1	2011-05-20	15136.78	FALSE	5
69	1	1	2011-05-27	15741.60	FALSE	5
70	1	1	2011-06-03	16434.15	FALSE	6
71	1	1	2011-06-10	15883.52	FALSE	6
72	1	1	2011-06-17	14978.09	FALSE	6
73	1	1	2011-06-24	15682.81	FALSE	6
74	1	1	2011-07-01	15363.50	FALSE	7
75	1	1	2011-07-08	16148.87	FALSE	7
76	1	1	2011-07-15	15654.85	FALSE	7
77	1	1	2011-07-22	15766.60	FALSE	7
78	1	1	2011-07-29	15922.41	FALSE	7
79	1	1	2011-08-05	15295.55	FALSE	8
80	1	1	2011-08-12	14539.79	FALSE	8
81	1	1	2011-08-19	14689.24	FALSE	8
82	1	1	2011-08-26	14537.37	FALSE	8

Obs	Store	Dept	Date	Weekly_Sales	isHoliday	MYMONTH
83	1	1	2011-09-02	15277.27	FALSE	9
84	1	1	2011-09-09	17746.68	TRUE	9
85	1	1	2011-09-16	18535.48	FALSE	9
86	1	1	2011-09-23	17859.30	FALSE	9
87	1	1	2011-09-30	18337.68	FALSE	9
88	1	1	2011-10-07	20797.58	FALSE	10
89	1	1	2011-10-14	23077.55	FALSE	10
90	1	1	2011-10-21	23351.80	FALSE	10
91	1	1	2011-10-28	31579.90	FALSE	10
92	1	1	2011-11-04	39886.06	FALSE	11
93	1	1	2011-11-11	18689.54	FALSE	11
94	1	1	2011-11-18	19050.66	FALSE	11
95	1	1	2011-11-25	20911.25	TRUE	11
96	1	1	2011-12-02	25293.49	FALSE	12
97	1	1	2011-12-09	33305.92	FALSE	12
98	1	1	2011-12-16	45773.03	FALSE	12
99	1	1	2011-12-23	46788.75	FALSE	12
100	1	1	2011-12-30	23350.88	TRUE	12

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 1

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 1

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	2	18879	84
18515	32	18956	95
18592	43	18991	100
18627	48	19033	106
18669	54	19243	136

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 2

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 2

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	145	18879	227
18515	175	18956	238
18592	186	18991	243
18627	191	19033	249
18669	197	19243	279

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 3

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 3

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	288	18879	370
18515	318	18956	381
18592	329	18991	386
18627	334	19033	392
18669	340	19243	422

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 4

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 4

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	431	18879	513
18515	461	18956	524
18592	472	18991	529
18627	477	19033	535
18669	483	19243	565

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 5

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 5

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	574	18879	656
18515	604	18956	667
18592	615	18991	672
18627	620	19033	678
18669	626	19243	708

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 6

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 6

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	717	18879	799
18515	747	18956	810
18592	758	18991	815
18627	763	19033	821
18669	769	19243	851

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 7

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 7

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	860	18879	942
18515	890	18956	953
18592	901	18991	958
18627	906	19033	964
18669	912	19243	994

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 8

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 8

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	1003	18879	1085
18515	1033	18956	1096
18592	1044	18991	1101
18627	1049	19033	1107
18669	1055	19243	1137

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 9

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 9

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	1146	18879	1228
18515	1176	18956	1239
18592	1187	18991	1244
18627	1192	19033	1250
18669	1198	19243	1280

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 10

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 10

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	1289	18879	1371
18515	1319	18956	1382
18592	1330	18991	1387
18627	1335	19033	1393
18669	1341	19243	1423

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 1

Moments			
N	10	Sum Weights	10
Mean	25738.594	Sum Observations	257385.94
Std Deviation	10449.1774	Variance	109185309
Skewness	1.15516794	Kurtosis	-0.26086
Uncorrected SS	7607419989	Corrected SS	982667778
Coeff Variation	40.5973124	Std Error Mean	3304.32003

Basic Statistical Measures			
Location		Variability	
Mean	25738.59	Std Deviation	10449
Median	20017.92	Variance	109185309
Mode	.	Range	28293
		Interquartile Range	18666

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	7.789377	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	46039.5
99%	46039.5
95%	46039.5
90%	41963.3
75% Q3	36988.5
50% Median	20017.9
25% Q1	18322.4
10%	17970.7
5%	17746.7

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 1

Quantiles (Definition 5)	
Level	Quantile
1%	17746.7
0% Min	17746.7

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
17746.7	84	20911.3	95
18194.7	32	23350.9	100
18322.4	136	36988.5	106
18820.3	43	37887.2	54
19124.6	48	46039.5	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 2

Moments			
N	10	Sum Weights	10
Mean	44800.334	Sum Observations	448003.34
Std Deviation	3849.57442	Variance	14819223.2
Skewness	-1.2111911	Kurtosis	3.34502621
Uncorrected SS	2.02041E10	Corrected SS	133373009
Coeff Variation	8.59273598	Std Error Mean	1217.34232

Basic Statistical Measures			
Location		Variability	
Mean	44800.33	Std Deviation	3850
Median	44932.62	Variance	14819223
Mode	.	Range	14761
		Interquartile Range	3805

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	36.80176	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	50581.1
99%	50581.1
95%	50581.1
90%	49088.2
75% Q3	47344.5
50% Median	44932.6
25% Q1	43539.9
10%	39567.8
5%	35819.8

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 2

Quantiles (Definition 5)	
Level	Quantile
1%	35819.8
0% Min	35819.8

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
35819.8	191	45182.5	175
43315.9	227	45682.0	186
43539.9	243	47344.5	279
44259.6	238	47595.4	197
44682.7	145	50581.1	249

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 3

Moments			
N	10	Sum Weights	10
Mean	11512.537	Sum Observations	115125.37
Std Deviation	2853.11617	Variance	8140271.88
Skewness	1.55923766	Kurtosis	3.55884293
Uncorrected SS	1398647529	Corrected SS	73262446.9
Coeff Variation	24.7826884	Std Error Mean	902.234553

Basic Statistical Measures			
Location		Variability	
Mean	11512.54	Std Deviation	2853
Median	11158.05	Variance	8140272
Mode	.	Range	10102
		Interquartile Range	3071

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	12.76003	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	18368.51
99%	18368.51
95%	18368.51
90%	15573.40
75% Q3	12388.85
50% Median	11158.05
25% Q1	9317.56
10%	8557.29
5%	8266.14

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 3

Quantiles (Definition 5)	
Level	Quantile
1%	8266.14
0% Min	8266.14

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
8266.14	334	11428.3	340
8848.44	386	12134.7	318
9317.56	381	12388.9	392
10706.81	329	12778.3	370
10887.84	288	18368.5	422

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 4

Moments			
N	10	Sum Weights	10
Mean	39033.911	Sum Observations	390339.11
Std Deviation	4127.52417	Variance	17036455.8
Skewness	1.28728442	Kurtosis	0.43331559
Uncorrected SS	1.53898E10	Corrected SS	153328102
Coeff Variation	10.5742009	Std Error Mean	1305.23775

Basic Statistical Measures			
Location		Variability	
Mean	39033.91	Std Deviation	4128
Median	37372.28	Variance	17036456
Mode	.	Range	11458
		Interquartile Range	2945

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	29.90559	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	46564.1
99%	46564.1
95%	46564.1
90%	46382.7
75% Q3	39549.3
50% Median	37372.3
25% Q1	36603.8
10%	35228.6
5%	35106.0

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 4

Quantiles (Definition 5)	
Level	Quantile
1%	35106.0
0% Min	35106.0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
35106.0	513	37373.3	483
35351.2	431	39305.1	535
36603.8	461	39549.3	565
36913.8	477	46201.3	472
37371.2	529	46564.1	524

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 5

Moments			
N	10	Sum Weights	10
Mean	37623.458	Sum Observations	376234.58
Std Deviation	21116.9227	Variance	445924426
Skewness	1.2517792	Kurtosis	0.67544579
Uncorrected SS	1.81686E10	Corrected SS	4013319832
Coeff Variation	56.1270119	Std Error Mean	6677.7573

Basic Statistical Measures			
Location		Variability	
Mean	37623.46	Std Deviation	21117
Median	33631.29	Variance	445924426
Mode	.	Range	61564
		Interquartile Range	19020

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.634146	Pr > |t|	0.0003
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	79340.2
99%	79340.2
95%	79340.2
90%	74749.5
75% Q3	38096.0
50% Median	33631.3
25% Q1	19075.8
10%	18006.4
5%	17776.6

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 5

Quantiles (Definition 5)	
Level	Quantile
1%	17776.6
0% Min	17776.6

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
17776.6	604	34981.8	672
18236.2	708	36667.7	626
19075.8	656	38096.0	678
29620.8	574	70158.9	615
32280.8	620	79340.2	667

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 6

Moments			
N	10	Sum Weights	10
Mean	8547.478	Sum Observations	85474.78
Std Deviation	5996.10303	Variance	35953251.6
Skewness	1.4200359	Kurtosis	0.80301457
Uncorrected SS	1054173066	Corrected SS	323579264
Coeff Variation	70.1505524	Std Error Mean	1896.13427

Basic Statistical Measures			
Location		Variability	
Mean	8547.478	Std Deviation	5996
Median	6388.515	Variance	35953252
Mode	.	Range	17587
		Interquartile Range	4592

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4.507844	Pr > |t|	0.0015
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	20163.69
99%	20163.69
95%	20163.69
90%	19396.76
75% Q3	9135.00
50% Median	6388.52
25% Q1	4542.80
10%	3504.67
5%	2576.64

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 6

Quantiles (Definition 5)	
Level	Quantile
1%	2576.64
0% Min	2576.64

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2576.64	851	6629.60	815
4432.69	747	7338.85	821
4542.80	769	9135.00	717
5878.25	763	18629.83	810
6147.43	799	20163.69	758

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 7

Moments			
N	10	Sum Weights	10
Mean	32167.062	Sum Observations	321670.62
Std Deviation	21996.0409	Variance	483825816
Skewness	1.42045502	Kurtosis	0.55791195
Uncorrected SS	1.47016E10	Corrected SS	4354432348
Coeff Variation	68.380634	Std Error Mean	6955.75888

Basic Statistical Measures			
Location		Variability	
Mean	32167.06	Std Deviation	21996
Median	21394.06	Variance	483825816
Mode	.	Range	59264
		Interquartile Range	19906

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4.624522	Pr > |t|	0.0012
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	72635.1
99%	72635.1
95%	72635.1
90%	71893.2
75% Q3	38216.0
50% Median	21394.1
25% Q1	18310.3
10%	15156.1
5%	13370.8

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 7

Quantiles (Definition 5)	
Level	Quantile
1%	13370.8
0% Min	13370.8

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
13370.8	942	21619.1	964
16941.4	994	27433.1	906
18310.3	860	38216.0	958
20824.5	890	71151.3	953
21169.1	912	72635.1	901

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 8

Moments			
N	10	Sum Weights	10
Mean	34982.947	Sum Observations	349829.47
Std Deviation	2408.59862	Variance	5801347.32
Skewness	0.5520913	Kurtosis	-1.4673902
Uncorrected SS	1.22903E10	Corrected SS	52212125.9
Coeff Variation	6.88506495	Std Error Mean	761.665762

Basic Statistical Measures			
Location		Variability	
Mean	34982.95	Std Deviation	2409
Median	34173.10	Variance	5801347
Mode	.	Range	6246
		Interquartile Range	4583

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	45.92953	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	38666.2
99%	38666.2
95%	38666.2
90%	38492.1
75% Q3	37334.8
50% Median	34173.1
25% Q1	32751.7
10%	32578.8
5%	32419.8

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 8

Quantiles (Definition 5)	
Level	Quantile
1%	32419.8
0% Min	32419.8

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
32419.8	1101	34246.7	1085
32737.9	1033	36011.1	1055
32751.7	1049	37334.8	1003
33243.9	1096	38317.9	1107
34099.5	1044	38666.2	1137

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 9

Moments			
N	10	Sum Weights	10
Mean	30893.875	Sum Observations	308938.75
Std Deviation	11382.2557	Variance	129555744
Skewness	-0.1071996	Kurtosis	-1.9470312
Uncorrected SS	1.07103E10	Corrected SS	1166001700
Coeff Variation	36.8430819	Std Error Mean	3599.38529

Basic Statistical Measures			
Location		Variability	
Mean	30893.88	Std Deviation	11382
Median	31321.55	Variance	129555744
Mode	.	Range	28439
		Interquartile Range	21243

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	8.583098	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	44504.2
99%	44504.2
95%	44504.2
90%	43712.6
75% Q3	42228.8
50% Median	31321.6
25% Q1	20985.4
10%	16313.8
5%	16065.1

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 9

Quantiles (Definition 5)	
Level	Quantile
1%	16065.1
0% Min	16065.1

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
16065.1	1198	35450.7	1228
16562.5	1146	40143.9	1176
20985.4	1250	42228.8	1239
22884.8	1192	42921.0	1280
27192.4	1244	44504.2	1187

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 10

Moments			
N	10	Sum Weights	10
Mean	31333.708	Sum Observations	313337.08
Std Deviation	3643.65826	Variance	13276245.5
Skewness	0.10333357	Kurtosis	0.30573628
Uncorrected SS	9937498780	Corrected SS	119486209
Coeff Variation	11.6285575	Std Error Mean	1152.22591

Basic Statistical Measures			
Location		Variability	
Mean	31333.71	Std Deviation	3644
Median	31253.61	Variance	13276245
Mode	.	Range	12000
		Interquartile Range	1404

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	27.19407	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	37764.4
99%	37764.4
95%	37764.4
90%	36719.0
75% Q3	32256.1
50% Median	31253.6
25% Q1	30851.8
10%	25955.9
5%	25764.3

Calulation mean of sales over the holiday per store/department for each month

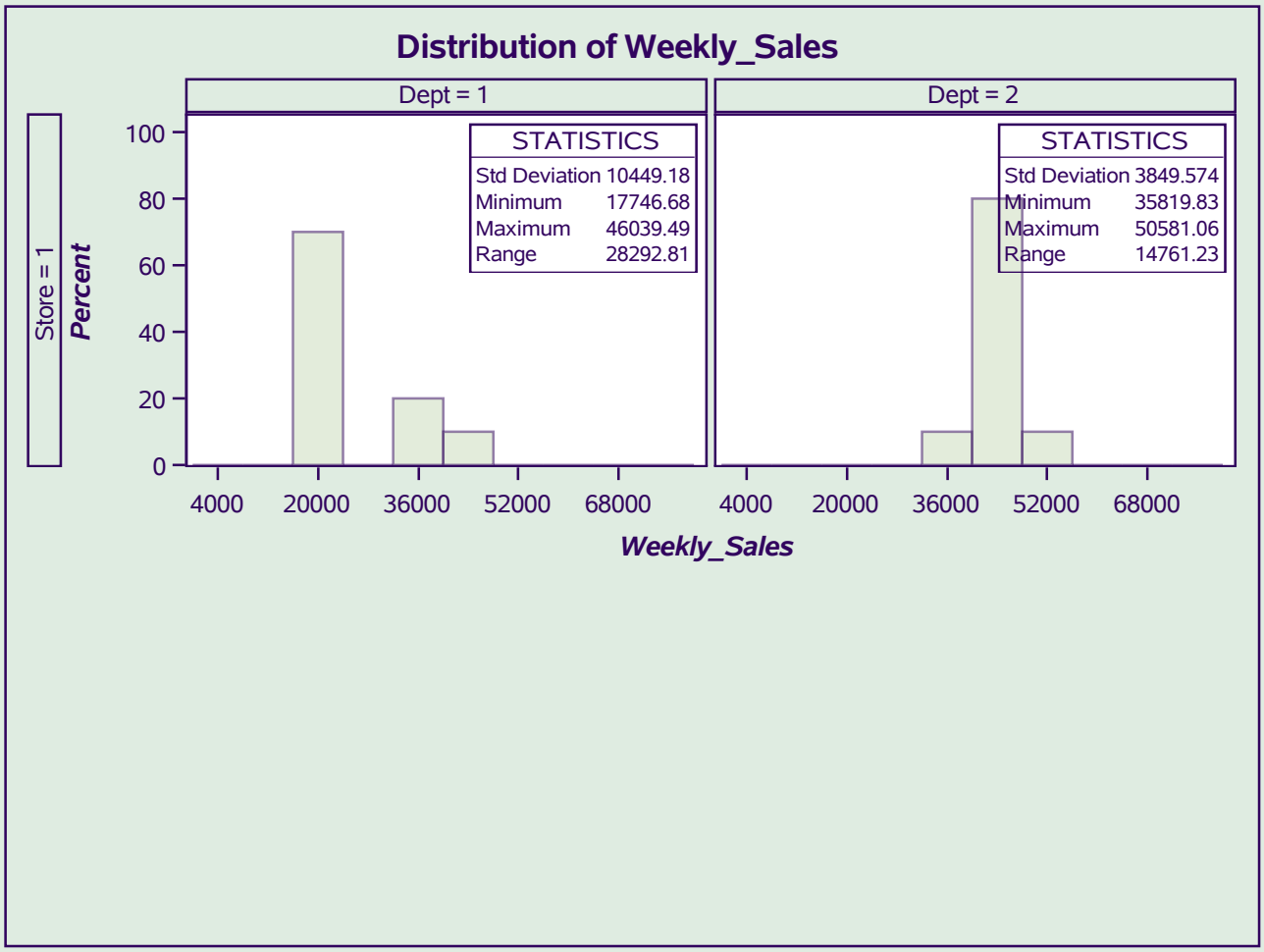
The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 10

Quantiles (Definition 5)	
Level	Quantile
1%	25764.3
0% Min	25764.3

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
25764.3	1335	31416.5	1371
26147.5	1387	31494.8	1289
30851.8	1423	32256.1	1319
30877.5	1382	35673.6	1341
31090.7	1330	37764.4	1393

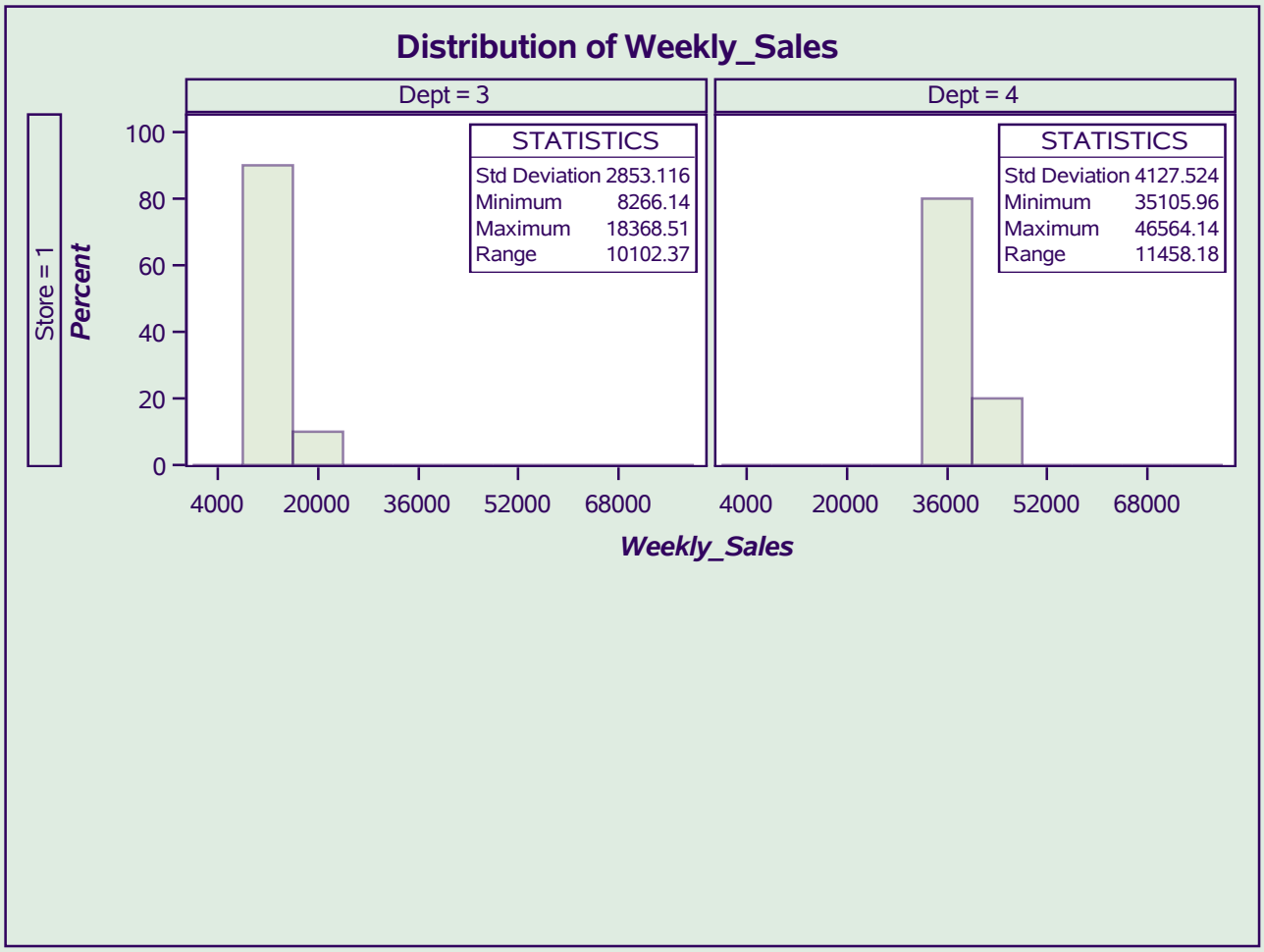
Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure



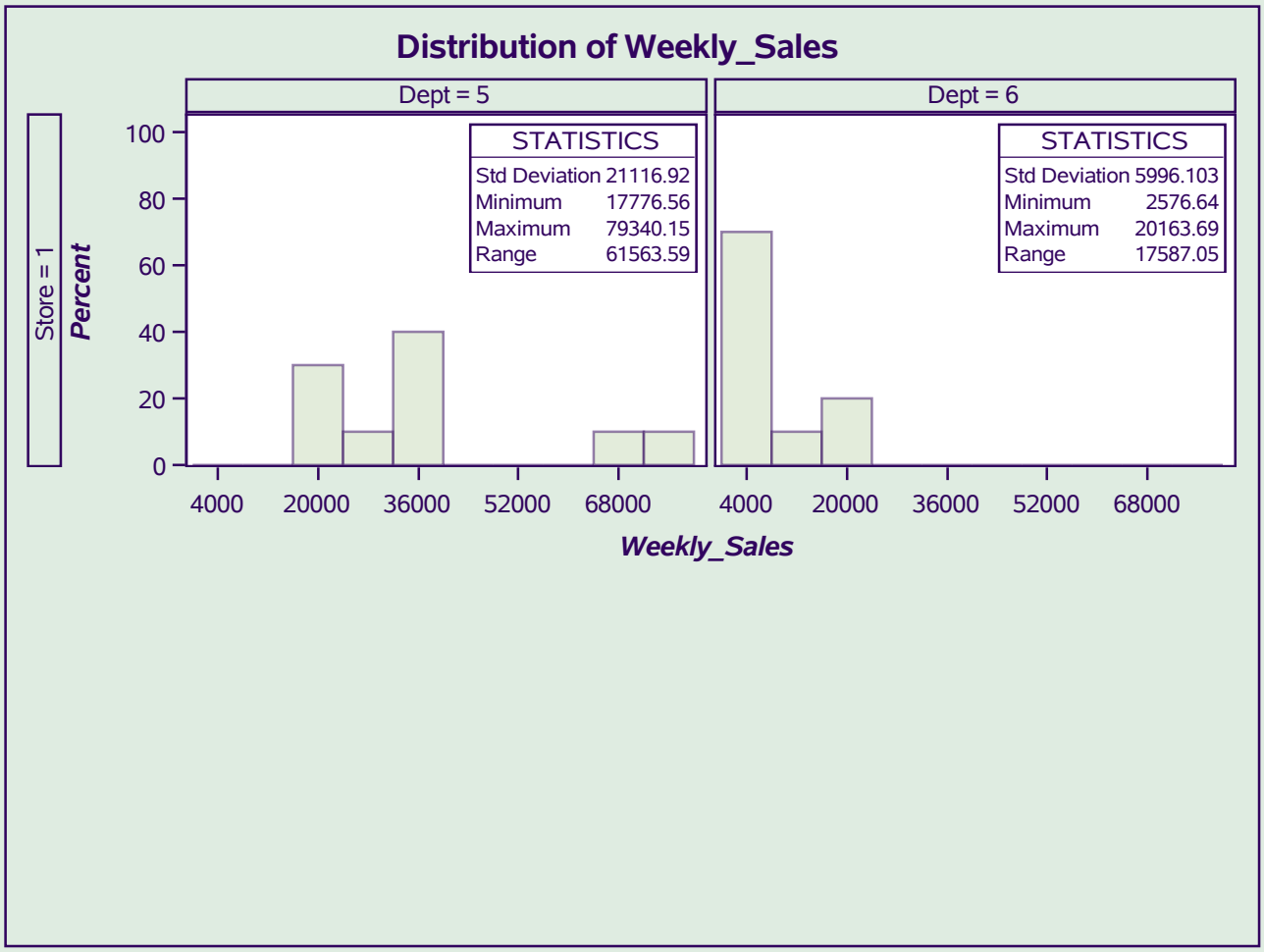
Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure



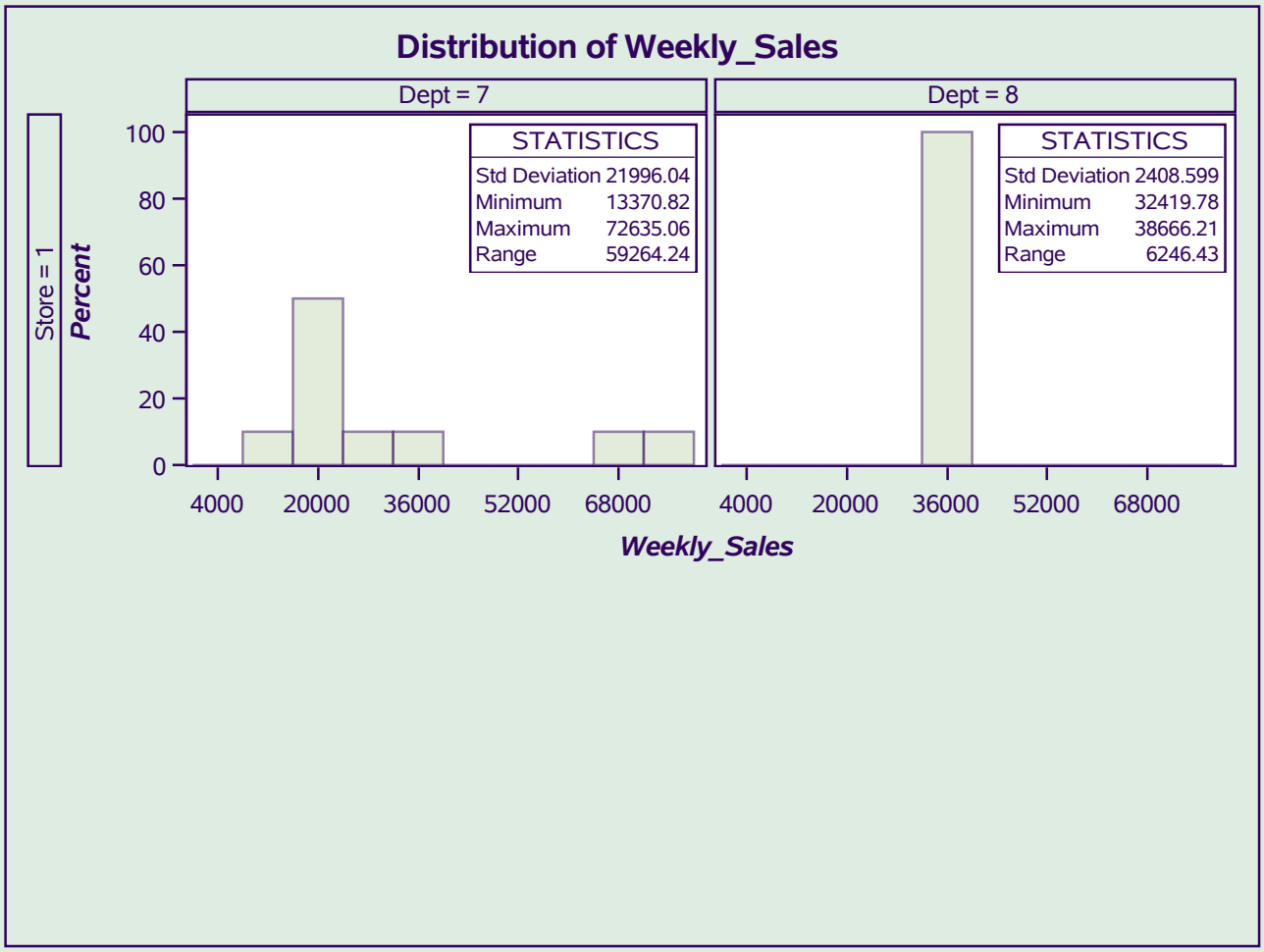
Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure



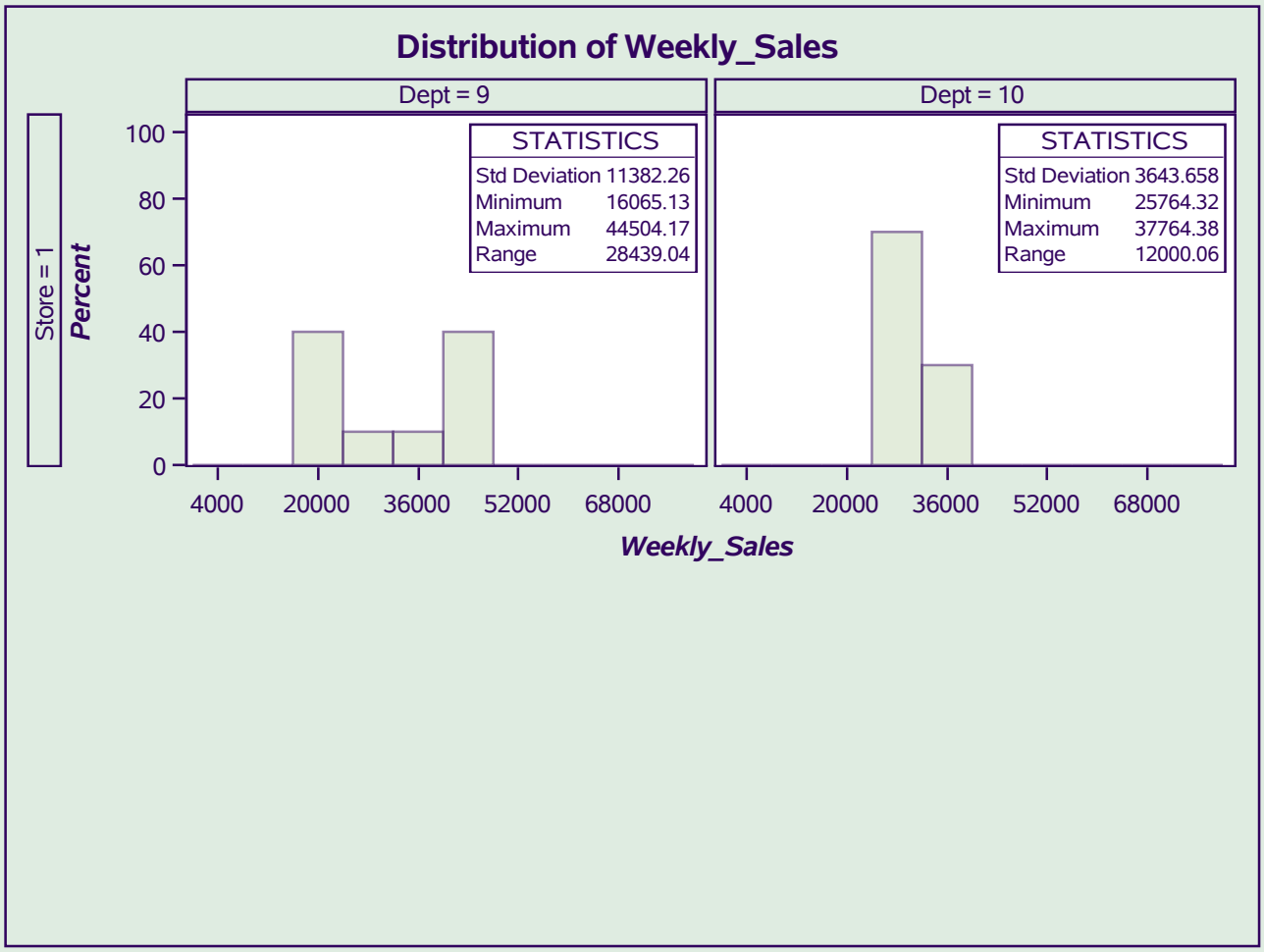
Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure



Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure



Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 1

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 1

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	106	9	136
2	54	11	43
2	2	11	95
9	136	12	48
9	84	12	100

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 2

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 2

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	249	9	279
2	197	11	186
2	145	11	238
9	279	12	191
9	227	12	243

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 3

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 3

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	392	9	422
2	340	11	329
2	288	11	381
9	422	12	334
9	370	12	386

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 4

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 4

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	535	9	565
2	483	11	472
2	431	11	524
9	565	12	477
9	513	12	529

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 5

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 5

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	678	9	708
2	626	11	615
2	574	11	667
9	708	12	620
9	656	12	672

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 6

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 6

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	821	9	851
2	769	11	758
2	717	11	810
9	851	12	763
9	799	12	815

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 7

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 7

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	964	9	994
2	912	11	901
2	860	11	953
9	994	12	906
9	942	12	958

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 8

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 8

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	1107	9	1137
2	1055	11	1044
2	1003	11	1096
9	1137	12	1049
9	1085	12	1101

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 9

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 9

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	1250	9	1280
2	1198	11	1187
2	1146	11	1239
9	1280	12	1192
9	1228	12	1244

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 10

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 10

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	1393	9	1423
2	1341	11	1330
2	1289	11	1382
9	1423	12	1335
9	1371	12	1387

Obs	Store	Dept	Date	Weekly_Sales	isHoliday	MYMONTH
1	1	1	2010-02-05	24924.50	FALSE	2
2	1	1	2010-02-12	46039.49	TRUE	2
3	1	1	2010-02-19	41595.55	FALSE	2
4	1	1	2010-02-26	19403.54	FALSE	2
5	1	1	2010-03-05	21827.90	FALSE	3
6	1	1	2010-03-12	21043.39	FALSE	3
7	1	1	2010-03-19	22136.64	FALSE	3
8	1	1	2010-03-26	26229.21	FALSE	3
9	1	1	2010-04-02	57258.43	FALSE	4
10	1	1	2010-04-09	42960.91	FALSE	4
11	1	1	2010-04-16	17596.96	FALSE	4
12	1	1	2010-04-23	16145.35	FALSE	4
13	1	1	2010-04-30	16555.11	FALSE	4
14	1	1	2010-05-07	17413.94	FALSE	5
15	1	1	2010-05-14	18926.74	FALSE	5
16	1	1	2010-05-21	14773.04	FALSE	5
17	1	1	2010-05-28	15580.43	FALSE	5
18	1	1	2010-06-04	17558.09	FALSE	6
19	1	1	2010-06-11	16637.62	FALSE	6
20	1	1	2010-06-18	16216.27	FALSE	6
21	1	1	2010-06-25	16328.72	FALSE	6
22	1	1	2010-07-02	16333.14	FALSE	7
23	1	1	2010-07-09	17688.76	FALSE	7
24	1	1	2010-07-16	17150.84	FALSE	7
25	1	1	2010-07-23	15360.45	FALSE	7
26	1	1	2010-07-30	15381.82	FALSE	7
27	1	1	2010-08-06	17508.41	FALSE	8
28	1	1	2010-08-13	15536.40	FALSE	8
29	1	1	2010-08-20	15740.13	FALSE	8
30	1	1	2010-08-27	15793.87	FALSE	8
31	1	1	2010-09-03	16241.78	FALSE	9
32	1	1	2010-09-10	18194.74	TRUE	9
33	1	1	2010-09-17	19354.23	FALSE	9
34	1	1	2010-09-24	18122.52	FALSE	9
35	1	1	2010-10-01	20094.19	FALSE	10
36	1	1	2010-10-08	23388.03	FALSE	10
37	1	1	2010-10-15	26978.34	FALSE	10
38	1	1	2010-10-22	25543.04	FALSE	10
39	1	1	2010-10-29	38640.93	FALSE	10
40	1	1	2010-11-05	34238.88	FALSE	11
41	1	1	2010-11-12	19549.39	FALSE	11

Obs	Store	Dept	Date	Weekly_Sales	isHoliday	MYMONTH
42	1	1	2010-11-19	19552.84	FALSE	11
43	1	1	2010-11-26	18820.29	TRUE	11
44	1	1	2010-12-03	22517.56	FALSE	12
45	1	1	2010-12-10	31497.65	FALSE	12
46	1	1	2010-12-17	44912.86	FALSE	12
47	1	1	2010-12-24	55931.23	FALSE	12
48	1	1	2010-12-31	19124.58	TRUE	12
49	1	1	2011-01-07	15984.24	FALSE	1
50	1	1	2011-01-14	17359.70	FALSE	1
51	1	1	2011-01-21	17341.47	FALSE	1
52	1	1	2011-01-28	18461.18	FALSE	1
53	1	1	2011-02-04	21665.76	FALSE	2
54	1	1	2011-02-11	37887.17	TRUE	2
55	1	1	2011-02-18	46845.87	FALSE	2
56	1	1	2011-02-25	19363.83	FALSE	2
57	1	1	2011-03-04	20327.61	FALSE	3
58	1	1	2011-03-11	21280.40	FALSE	3
59	1	1	2011-03-18	20334.23	FALSE	3
60	1	1	2011-03-25	20881.10	FALSE	3
61	1	1	2011-04-01	20398.09	FALSE	4
62	1	1	2011-04-08	23873.79	FALSE	4
63	1	1	2011-04-15	28762.37	FALSE	4
64	1	1	2011-04-22	50510.31	FALSE	4
65	1	1	2011-04-29	41512.39	FALSE	4
66	1	1	2011-05-06	20138.19	FALSE	5
67	1	1	2011-05-13	17235.15	FALSE	5
68	1	1	2011-05-20	15136.78	FALSE	5
69	1	1	2011-05-27	15741.60	FALSE	5
70	1	1	2011-06-03	16434.15	FALSE	6
71	1	1	2011-06-10	15883.52	FALSE	6
72	1	1	2011-06-17	14978.09	FALSE	6
73	1	1	2011-06-24	15682.81	FALSE	6
74	1	1	2011-07-01	15363.50	FALSE	7
75	1	1	2011-07-08	16148.87	FALSE	7
76	1	1	2011-07-15	15654.85	FALSE	7
77	1	1	2011-07-22	15766.60	FALSE	7
78	1	1	2011-07-29	15922.41	FALSE	7
79	1	1	2011-08-05	15295.55	FALSE	8
80	1	1	2011-08-12	14539.79	FALSE	8
81	1	1	2011-08-19	14689.24	FALSE	8
82	1	1	2011-08-26	14537.37	FALSE	8

Obs	Store	Dept	Date	Weekly_Sales	isHoliday	MYMONTH
83	1	1	2011-09-02	15277.27	FALSE	9
84	1	1	2011-09-09	17746.68	TRUE	9
85	1	1	2011-09-16	18535.48	FALSE	9
86	1	1	2011-09-23	17859.30	FALSE	9
87	1	1	2011-09-30	18337.68	FALSE	9
88	1	1	2011-10-07	20797.58	FALSE	10
89	1	1	2011-10-14	23077.55	FALSE	10
90	1	1	2011-10-21	23351.80	FALSE	10
91	1	1	2011-10-28	31579.90	FALSE	10
92	1	1	2011-11-04	39886.06	FALSE	11
93	1	1	2011-11-11	18689.54	FALSE	11
94	1	1	2011-11-18	19050.66	FALSE	11
95	1	1	2011-11-25	20911.25	TRUE	11
96	1	1	2011-12-02	25293.49	FALSE	12
97	1	1	2011-12-09	33305.92	FALSE	12
98	1	1	2011-12-16	45773.03	FALSE	12
99	1	1	2011-12-23	46788.75	FALSE	12
100	1	1	2011-12-30	23350.88	TRUE	12

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 1

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 1

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	2	18879	84
18515	32	18956	95
18592	43	18991	100
18627	48	19033	106
18669	54	19243	136

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 2

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 2

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	145	18879	227
18515	175	18956	238
18592	186	18991	243
18627	191	19033	249
18669	197	19243	279

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 3

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 3

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	288	18879	370
18515	318	18956	381
18592	329	18991	386
18627	334	19033	392
18669	340	19243	422

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 4

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 4

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	431	18879	513
18515	461	18956	524
18592	472	18991	529
18627	477	19033	535
18669	483	19243	565

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 5

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 5

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	574	18879	656
18515	604	18956	667
18592	615	18991	672
18627	620	19033	678
18669	626	19243	708

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 6

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 6

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	717	18879	799
18515	747	18956	810
18592	758	18991	815
18627	763	19033	821
18669	769	19243	851

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 7

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 7

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	860	18879	942
18515	890	18956	953
18592	901	18991	958
18627	906	19033	964
18669	912	19243	994

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 8

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 8

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	1003	18879	1085
18515	1033	18956	1096
18592	1044	18991	1101
18627	1049	19033	1107
18669	1055	19243	1137

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 9

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 9

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	1146	18879	1228
18515	1176	18956	1239
18592	1187	18991	1244
18627	1192	19033	1250
18669	1198	19243	1280

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 10

Moments			
N	10	Sum Weights	10
Mean	18781	Sum Observations	187810
Std Deviation	284.915192	Variance	81176.6667
Skewness	-0.0498666	Kurtosis	-0.6660352
Uncorrected SS	3527990200	Corrected SS	730590
Coeff Variation	1.51703952	Std Error Mean	90.0980947

Basic Statistical Measures			
Location		Variability	
Mean	18781.00	Std Deviation	284.91519
Median	18774.00	Variance	81177
Mode	.	Range	938.00000
		Interquartile Range	399.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	208.4506	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	19243
99%	19243
95%	19243
90%	19138
75% Q3	18991
50% Median	18774
25% Q1	18592
10%	18410
5%	18305

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Date
Store = 1
Dept = 10

Quantiles (Definition 5)	
Level	Quantile
1%	18305
0% Min	18305

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
18305	1289	18879	1371
18515	1319	18956	1382
18592	1330	18991	1387
18627	1335	19033	1393
18669	1341	19243	1423

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 1

Moments			
N	10	Sum Weights	10
Mean	25738.594	Sum Observations	257385.94
Std Deviation	10449.1774	Variance	109185309
Skewness	1.15516794	Kurtosis	-0.26086
Uncorrected SS	7607419989	Corrected SS	982667778
Coeff Variation	40.5973124	Std Error Mean	3304.32003

Basic Statistical Measures			
Location		Variability	
Mean	25738.59	Std Deviation	10449
Median	20017.92	Variance	109185309
Mode	.	Range	28293
		Interquartile Range	18666

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	7.789377	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	46039.5
99%	46039.5
95%	46039.5
90%	41963.3
75% Q3	36988.5
50% Median	20017.9
25% Q1	18322.4
10%	17970.7
5%	17746.7

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 1

Quantiles (Definition 5)	
Level	Quantile
1%	17746.7
0% Min	17746.7

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
17746.7	84	20911.3	95
18194.7	32	23350.9	100
18322.4	136	36988.5	106
18820.3	43	37887.2	54
19124.6	48	46039.5	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 2

Moments			
N	10	Sum Weights	10
Mean	44800.334	Sum Observations	448003.34
Std Deviation	3849.57442	Variance	14819223.2
Skewness	-1.2111911	Kurtosis	3.34502621
Uncorrected SS	2.02041E10	Corrected SS	133373009
Coeff Variation	8.59273598	Std Error Mean	1217.34232

Basic Statistical Measures			
Location		Variability	
Mean	44800.33	Std Deviation	3850
Median	44932.62	Variance	14819223
Mode	.	Range	14761
		Interquartile Range	3805

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	36.80176	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	50581.1
99%	50581.1
95%	50581.1
90%	49088.2
75% Q3	47344.5
50% Median	44932.6
25% Q1	43539.9
10%	39567.8
5%	35819.8

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 2

Quantiles (Definition 5)	
Level	Quantile
1%	35819.8
0% Min	35819.8

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
35819.8	191	45182.5	175
43315.9	227	45682.0	186
43539.9	243	47344.5	279
44259.6	238	47595.4	197
44682.7	145	50581.1	249

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 3

Moments			
N	10	Sum Weights	10
Mean	11512.537	Sum Observations	115125.37
Std Deviation	2853.11617	Variance	8140271.88
Skewness	1.55923766	Kurtosis	3.55884293
Uncorrected SS	1398647529	Corrected SS	73262446.9
Coeff Variation	24.7826884	Std Error Mean	902.234553

Basic Statistical Measures			
Location		Variability	
Mean	11512.54	Std Deviation	2853
Median	11158.05	Variance	8140272
Mode	.	Range	10102
		Interquartile Range	3071

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	12.76003	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	18368.51
99%	18368.51
95%	18368.51
90%	15573.40
75% Q3	12388.85
50% Median	11158.05
25% Q1	9317.56
10%	8557.29
5%	8266.14

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 3

Quantiles (Definition 5)	
Level	Quantile
1%	8266.14
0% Min	8266.14

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
8266.14	334	11428.3	340
8848.44	386	12134.7	318
9317.56	381	12388.9	392
10706.81	329	12778.3	370
10887.84	288	18368.5	422

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 4

Moments			
N	10	Sum Weights	10
Mean	39033.911	Sum Observations	390339.11
Std Deviation	4127.52417	Variance	17036455.8
Skewness	1.28728442	Kurtosis	0.43331559
Uncorrected SS	1.53898E10	Corrected SS	153328102
Coeff Variation	10.5742009	Std Error Mean	1305.23775

Basic Statistical Measures			
Location		Variability	
Mean	39033.91	Std Deviation	4128
Median	37372.28	Variance	17036456
Mode	.	Range	11458
		Interquartile Range	2945

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	29.90559	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	46564.1
99%	46564.1
95%	46564.1
90%	46382.7
75% Q3	39549.3
50% Median	37372.3
25% Q1	36603.8
10%	35228.6
5%	35106.0

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 4

Quantiles (Definition 5)	
Level	Quantile
1%	35106.0
0% Min	35106.0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
35106.0	513	37373.3	483
35351.2	431	39305.1	535
36603.8	461	39549.3	565
36913.8	477	46201.3	472
37371.2	529	46564.1	524

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 5

Moments			
N	10	Sum Weights	10
Mean	37623.458	Sum Observations	376234.58
Std Deviation	21116.9227	Variance	445924426
Skewness	1.2517792	Kurtosis	0.67544579
Uncorrected SS	1.81686E10	Corrected SS	4013319832
Coeff Variation	56.1270119	Std Error Mean	6677.7573

Basic Statistical Measures			
Location		Variability	
Mean	37623.46	Std Deviation	21117
Median	33631.29	Variance	445924426
Mode	.	Range	61564
		Interquartile Range	19020

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.634146	Pr > |t|	0.0003
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	79340.2
99%	79340.2
95%	79340.2
90%	74749.5
75% Q3	38096.0
50% Median	33631.3
25% Q1	19075.8
10%	18006.4
5%	17776.6

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 5

Quantiles (Definition 5)	
Level	Quantile
1%	17776.6
0% Min	17776.6

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
17776.6	604	34981.8	672
18236.2	708	36667.7	626
19075.8	656	38096.0	678
29620.8	574	70158.9	615
32280.8	620	79340.2	667

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 6

Moments			
N	10	Sum Weights	10
Mean	8547.478	Sum Observations	85474.78
Std Deviation	5996.10303	Variance	35953251.6
Skewness	1.4200359	Kurtosis	0.80301457
Uncorrected SS	1054173066	Corrected SS	323579264
Coeff Variation	70.1505524	Std Error Mean	1896.13427

Basic Statistical Measures			
Location		Variability	
Mean	8547.478	Std Deviation	5996
Median	6388.515	Variance	35953252
Mode	.	Range	17587
		Interquartile Range	4592

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4.507844	Pr > |t|	0.0015
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	20163.69
99%	20163.69
95%	20163.69
90%	19396.76
75% Q3	9135.00
50% Median	6388.52
25% Q1	4542.80
10%	3504.67
5%	2576.64

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 6

Quantiles (Definition 5)	
Level	Quantile
1%	2576.64
0% Min	2576.64

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2576.64	851	6629.60	815
4432.69	747	7338.85	821
4542.80	769	9135.00	717
5878.25	763	18629.83	810
6147.43	799	20163.69	758

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 7

Moments			
N	10	Sum Weights	10
Mean	32167.062	Sum Observations	321670.62
Std Deviation	21996.0409	Variance	483825816
Skewness	1.42045502	Kurtosis	0.55791195
Uncorrected SS	1.47016E10	Corrected SS	4354432348
Coeff Variation	68.380634	Std Error Mean	6955.75888

Basic Statistical Measures			
Location		Variability	
Mean	32167.06	Std Deviation	21996
Median	21394.06	Variance	483825816
Mode	.	Range	59264
		Interquartile Range	19906

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	4.624522	Pr > |t|	0.0012
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	72635.1
99%	72635.1
95%	72635.1
90%	71893.2
75% Q3	38216.0
50% Median	21394.1
25% Q1	18310.3
10%	15156.1
5%	13370.8

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 7

Quantiles (Definition 5)	
Level	Quantile
1%	13370.8
0% Min	13370.8

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
13370.8	942	21619.1	964
16941.4	994	27433.1	906
18310.3	860	38216.0	958
20824.5	890	71151.3	953
21169.1	912	72635.1	901

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 8

Moments			
N	10	Sum Weights	10
Mean	34982.947	Sum Observations	349829.47
Std Deviation	2408.59862	Variance	5801347.32
Skewness	0.5520913	Kurtosis	-1.4673902
Uncorrected SS	1.22903E10	Corrected SS	52212125.9
Coeff Variation	6.88506495	Std Error Mean	761.665762

Basic Statistical Measures			
Location		Variability	
Mean	34982.95	Std Deviation	2409
Median	34173.10	Variance	5801347
Mode	.	Range	6246
		Interquartile Range	4583

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	45.92953	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	38666.2
99%	38666.2
95%	38666.2
90%	38492.1
75% Q3	37334.8
50% Median	34173.1
25% Q1	32751.7
10%	32578.8
5%	32419.8

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 8

Quantiles (Definition 5)	
Level	Quantile
1%	32419.8
0% Min	32419.8

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
32419.8	1101	34246.7	1085
32737.9	1033	36011.1	1055
32751.7	1049	37334.8	1003
33243.9	1096	38317.9	1107
34099.5	1044	38666.2	1137

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 9

Moments			
N	10	Sum Weights	10
Mean	30893.875	Sum Observations	308938.75
Std Deviation	11382.2557	Variance	129555744
Skewness	-0.1071996	Kurtosis	-1.9470312
Uncorrected SS	1.07103E10	Corrected SS	1166001700
Coeff Variation	36.8430819	Std Error Mean	3599.38529

Basic Statistical Measures			
Location		Variability	
Mean	30893.88	Std Deviation	11382
Median	31321.55	Variance	129555744
Mode	.	Range	28439
		Interquartile Range	21243

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	8.583098	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	44504.2
99%	44504.2
95%	44504.2
90%	43712.6
75% Q3	42228.8
50% Median	31321.6
25% Q1	20985.4
10%	16313.8
5%	16065.1

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 9

Quantiles (Definition 5)	
Level	Quantile
1%	16065.1
0% Min	16065.1

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
16065.1	1198	35450.7	1228
16562.5	1146	40143.9	1176
20985.4	1250	42228.8	1239
22884.8	1192	42921.0	1280
27192.4	1244	44504.2	1187

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 10

Moments			
N	10	Sum Weights	10
Mean	31333.708	Sum Observations	313337.08
Std Deviation	3643.65826	Variance	13276245.5
Skewness	0.10333357	Kurtosis	0.30573628
Uncorrected SS	9937498780	Corrected SS	119486209
Coeff Variation	11.6285575	Std Error Mean	1152.22591

Basic Statistical Measures			
Location		Variability	
Mean	31333.71	Std Deviation	3644
Median	31253.61	Variance	13276245
Mode	.	Range	12000
		Interquartile Range	1404

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	27.19407	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	37764.4
99%	37764.4
95%	37764.4
90%	36719.0
75% Q3	32256.1
50% Median	31253.6
25% Q1	30851.8
10%	25955.9
5%	25764.3

Calulation mean of sales over the holiday per store/department for each month

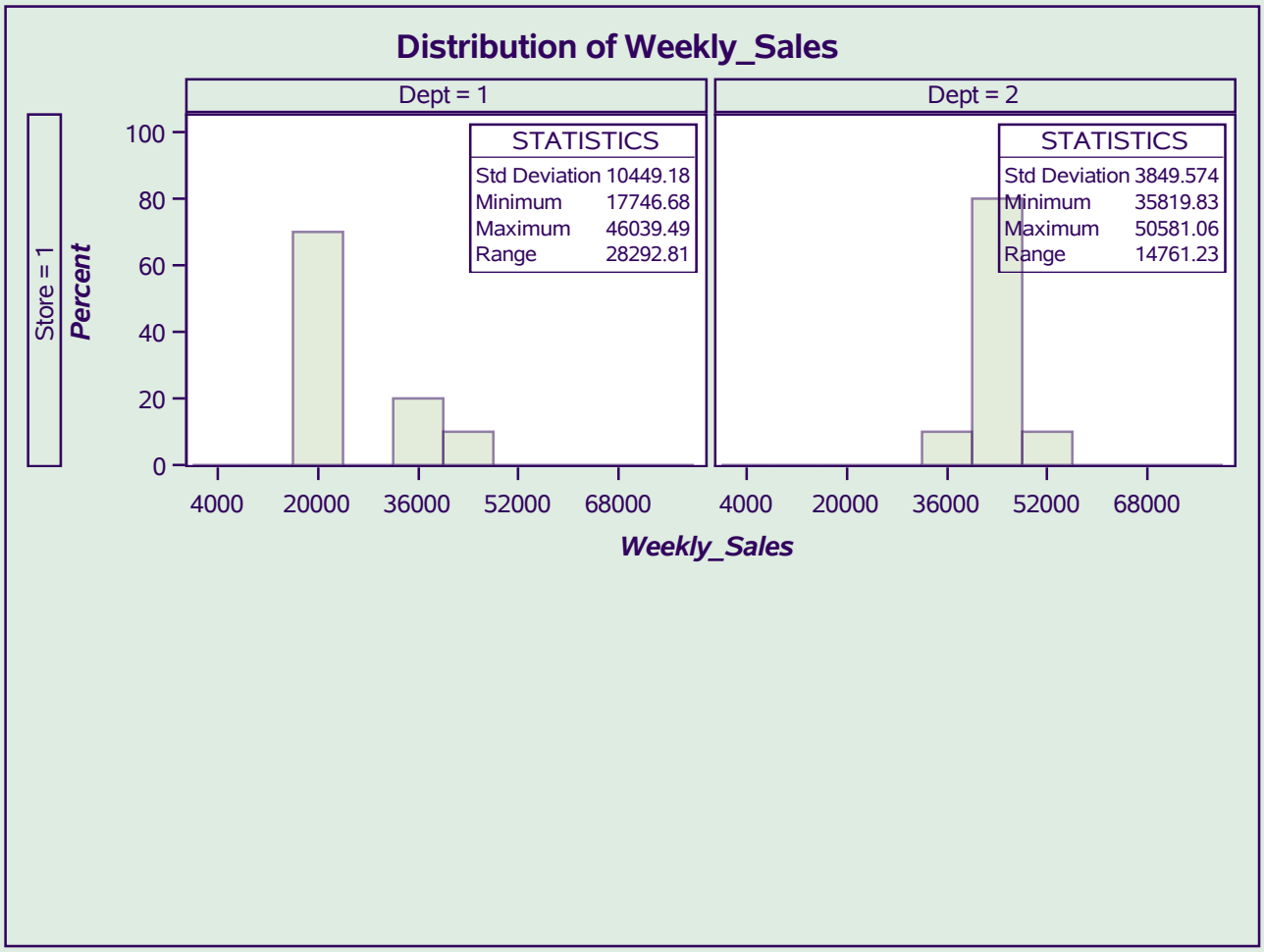
The UNIVARIATE Procedure
Variable: Weekly_Sales
Store = 1
Dept = 10

Quantiles (Definition 5)	
Level	Quantile
1%	25764.3
0% Min	25764.3

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
25764.3	1335	31416.5	1371
26147.5	1387	31494.8	1289
30851.8	1423	32256.1	1319
30877.5	1382	35673.6	1341
31090.7	1330	37764.4	1393

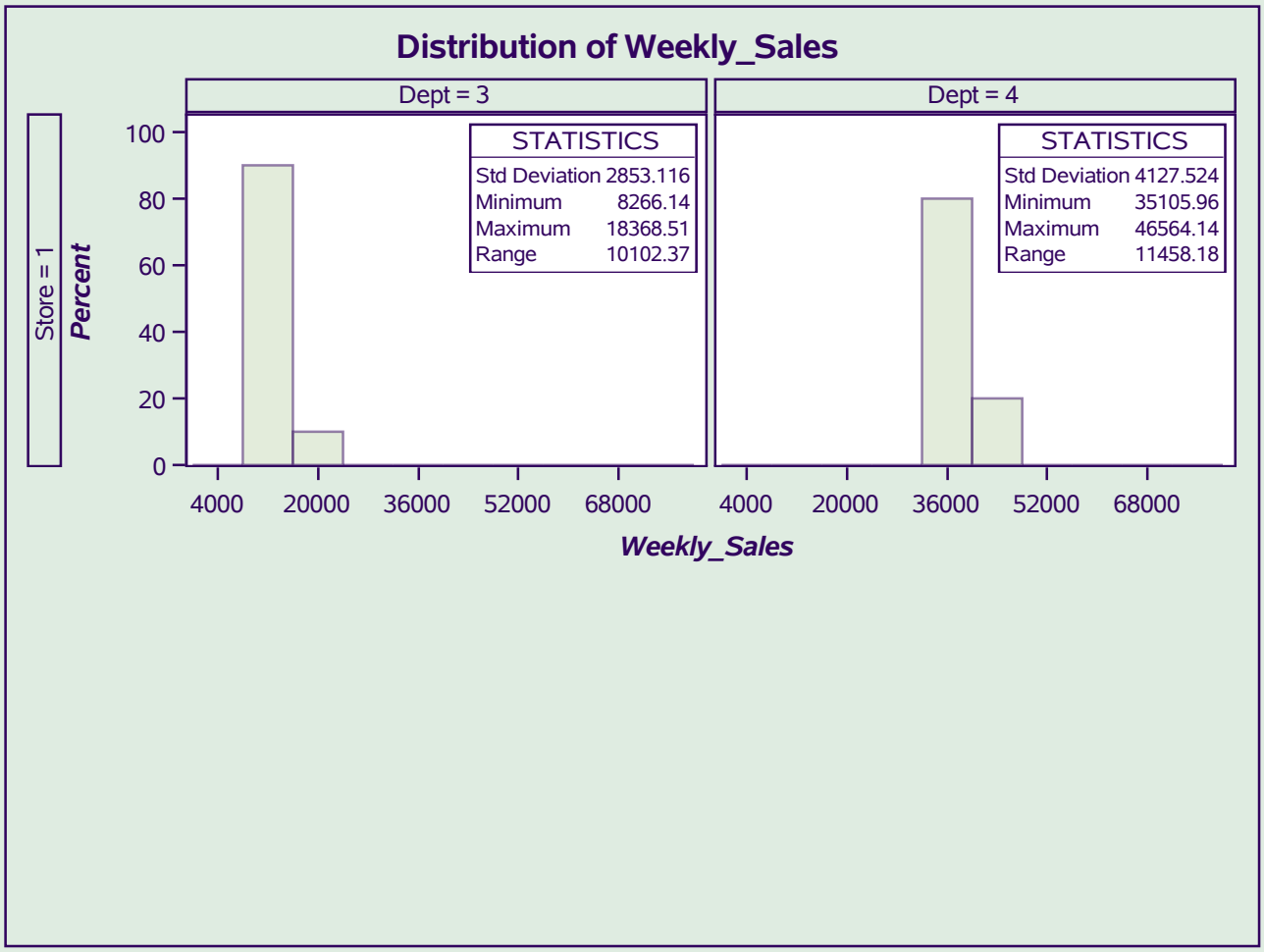
Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure



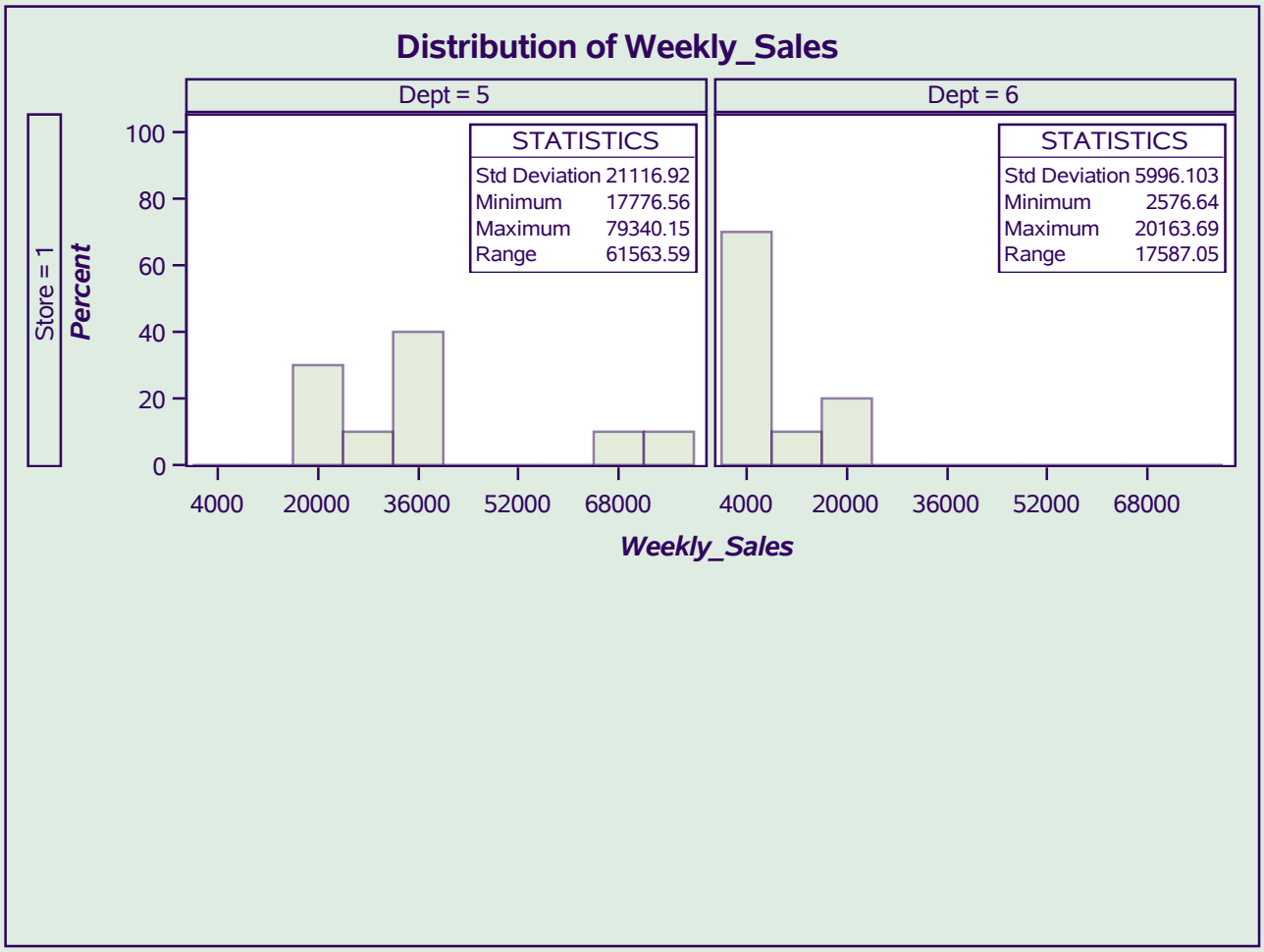
Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure



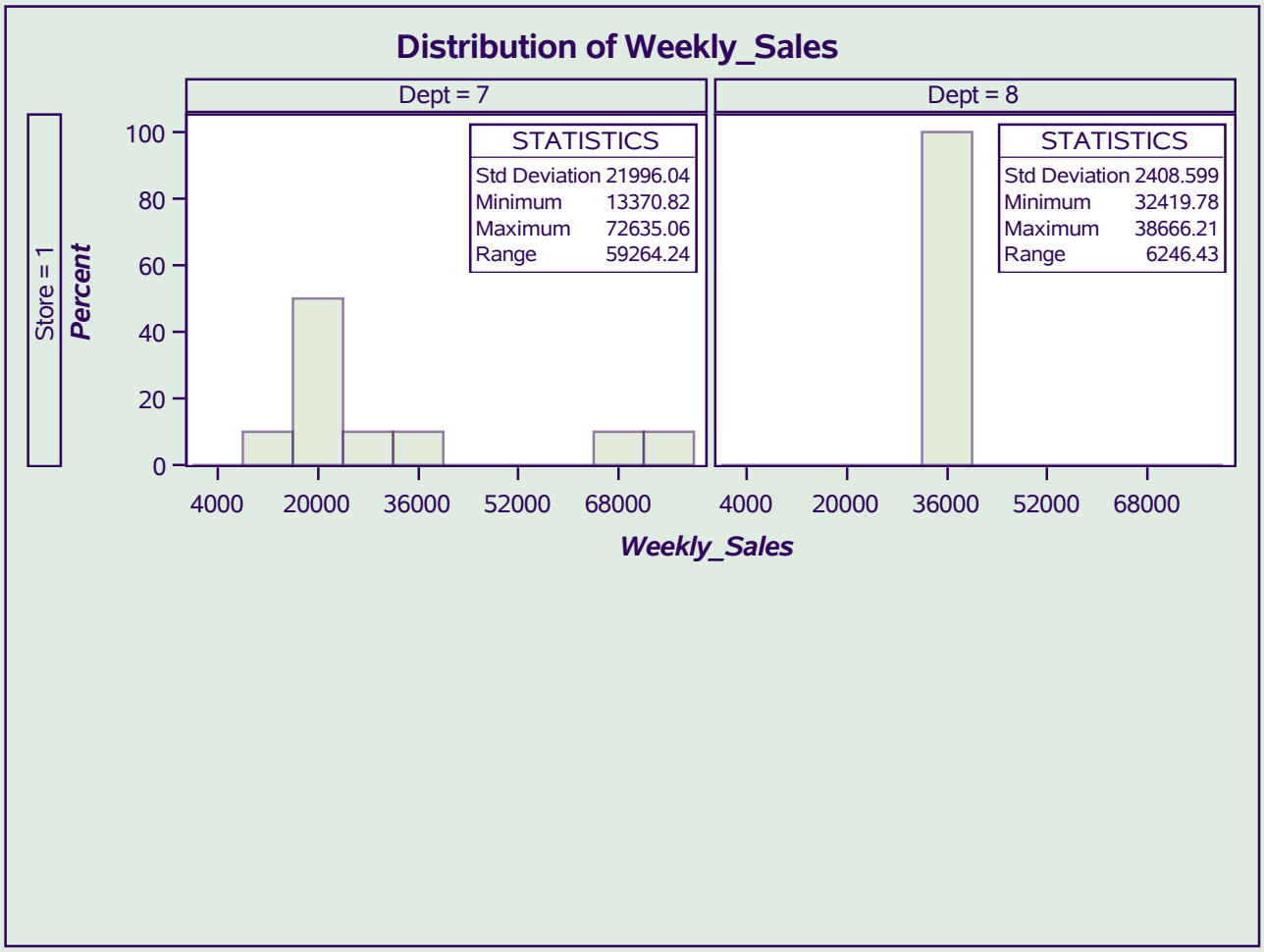
Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure



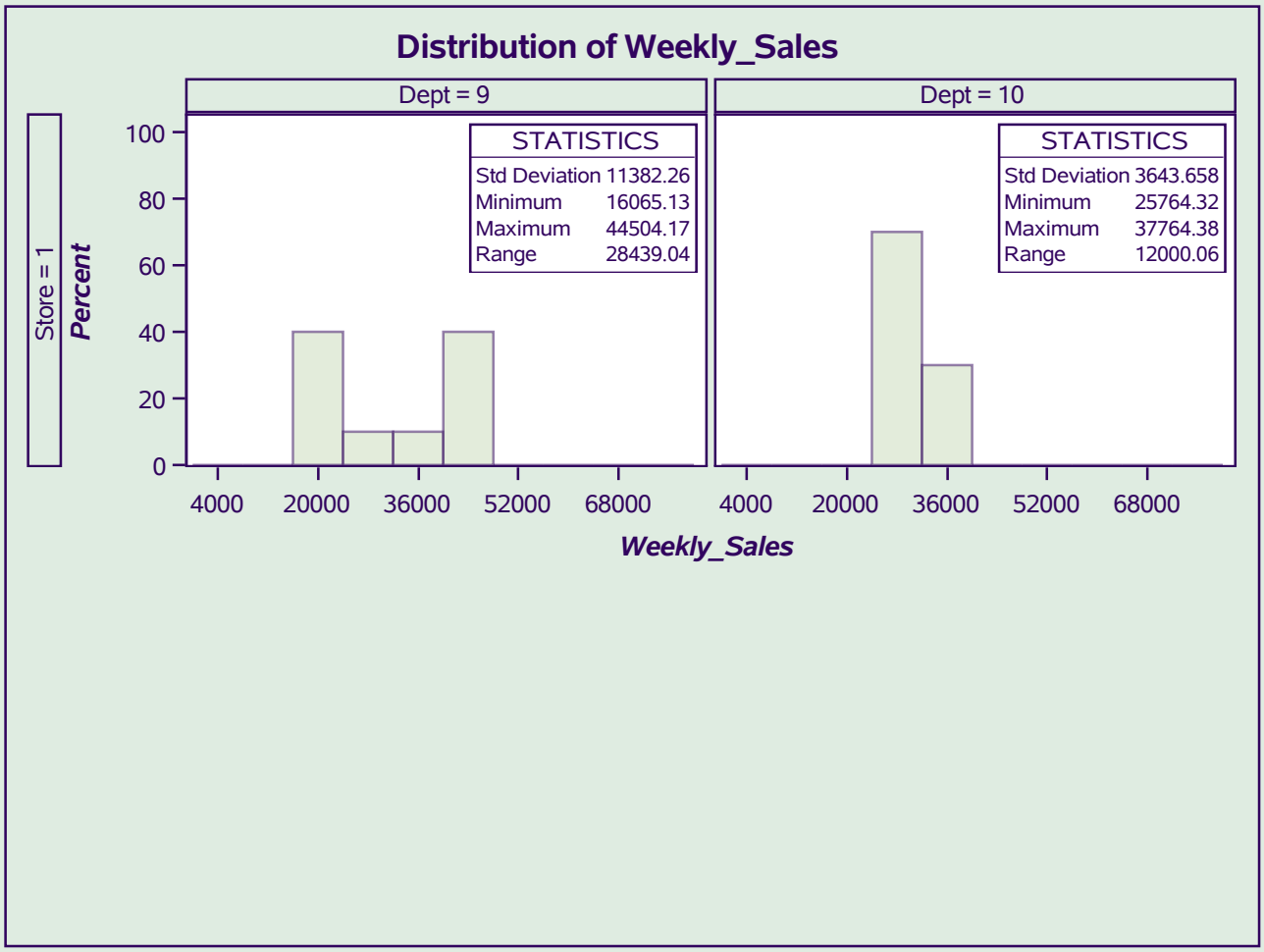
Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure



Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure



Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 1

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 1

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	106	9	136
2	54	11	43
2	2	11	95
9	136	12	48
9	84	12	100

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 2

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 2

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	249	9	279
2	197	11	186
2	145	11	238
9	279	12	191
9	227	12	243

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 3

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 3

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	392	9	422
2	340	11	329
2	288	11	381
9	422	12	334
9	370	12	386

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 4

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 4

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	535	9	565
2	483	11	472
2	431	11	524
9	565	12	477
9	513	12	529

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 5

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 5

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	678	9	708
2	626	11	615
2	574	11	667
9	708	12	620
9	656	12	672

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 6

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 6

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	821	9	851
2	769	11	758
2	717	11	810
9	851	12	763
9	799	12	815

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 7

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 7

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	964	9	994
2	912	11	901
2	860	11	953
9	994	12	906
9	942	12	958

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 8

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 8

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	1107	9	1137
2	1055	11	1044
2	1003	11	1096
9	1137	12	1049
9	1085	12	1101

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 9

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

Basic Statistical Measures			
Location		Variability	
Mean	7.900000	Std Deviation	4.22821
Median	9.000000	Variance	17.87778
Mode	2.000000	Range	10.00000
		Interquartile Range	9.00000

Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	5.908406	Pr > |t|	0.0002
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)	
Level	Quantile
100% Max	12
99%	12
95%	12
90%	12
75% Q3	11
50% Median	9
25% Q1	2
10%	2
5%	2

Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 9

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	1250	9	1280
2	1198	11	1187
2	1146	11	1239
9	1280	12	1192
9	1228	12	1244

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 10

Moments			
N	10	Sum Weights	10
Mean	7.9	Sum Observations	79
Std Deviation	4.22821213	Variance	17.8777778
Skewness	-0.7619951	Kurtosis	-1.3418776
Uncorrected SS	785	Corrected SS	160.9
Coeff Variation	53.5216725	Std Error Mean	1.33707807

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Data Statistics Module 4:

Calulation mean of sales over the holiday per store/department for each month

The UNIVARIATE Procedure
Variable: MYMONTH
Store = 1
Dept = 10

Quantiles (Definition 5)	
Level	Quantile
1%	2
0% Min	2

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2	1393	9	1423
2	1341	11	1330
2	1289	11	1382
9	1423	12	1335
9	1371	12	1387