

年份	1季度	2季度	3季度	4季度	总计	季平均值
2000	231.5	285.1	375.9	253.8	1146.3	286.575
2001	257.8	296.3	387.4	279.2	1220.7	305.175
2002	245.6	287.4	384.7	283.5	1201.2	300.3
2003	251.8	302.6	392.1	287.6	1234.1	308.525
2004	241.9	312.5	405.7	278.3	1238.4	309.6
同季平均	245.72	296.78	389.16	276.48		302.035

年份	季度	季顺序t	销售量y	趋势值
2000	1	1	107	321.2
	2	2	456	331.489474
	3	3	512	341.778947
	4	4	238	352.068421
2001	1	5	127	362.357895
	2	6	571	372.647368
	3	7	641	382.936842
	4	8	251	393.226316
2002	1	9	158	403.515789
	2	10	629	413.805263
	3	11	660	424.094737
	4	12	293	434.384211
2003	1	13	176	444.673684
	2	14	654	454.963158
	3	15	686	465.252632
	4	16	305	475.542105
2004	1	17	186	485.831579
	2	18	680	496.121053
	3	19	725	506.410526
	4	20	324	516.7

SUMMARY OUTPUT

回归统计	
Multiple R	0.274290553142
R Square	0.075235307543
Adjusted R	0.023859491295
标准误差	219.2666091917
观测值	20

方差分析

	df	SS	MS	F
回归分析	1	70405.72	70405.72	1.46441094
残差	18	865401.2	48077.85	
总计	19	935807		

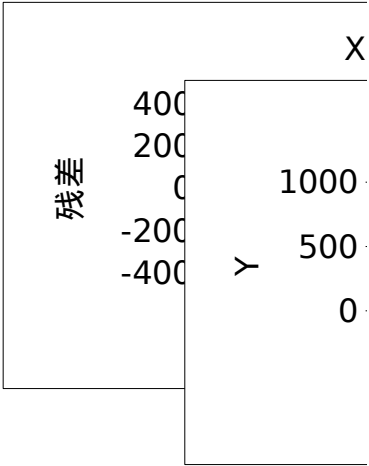
	Coefficients	标准误差	t Stat	P-value
Intercept	310.9105263158	101.8562	3.052445	0.00685579
X Variable	10.28947368421	8.502794	1.210128	0.24188209

RESIDUAL OUTPUT

观测值	预测 Y	残差	标准残差
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1	321.2	-214.2	-1.003662
2	331.4894736842	124.5105	0.58341
3	341.7789473684	170.2211	0.797593
4	352.0684210526	-114.0684	-0.534482
5	362.3578947368	-235.3579	-1.1028
6	372.6473684211	198.3526	0.929407
7	382.9368421053	258.0632	1.209189
8	393.2263157895	-142.2263	-0.66642
9	403.5157894737	-245.5158	-1.150396
10	413.8052631579	215.1947	1.008323
11	424.0947368421	235.9053	1.105365
12	434.3842105263	-141.3842	-0.662474
13	444.6736842105	-268.6737	-1.258906
14	454.9631578947	199.0368	0.932613
15	465.2526315789	220.7474	1.034341
16	475.5421052632	-170.5421	-0.799097
17	485.8315789474	-299.8316	-1.4049
18	496.1210526316	183.8789	0.861589
19	506.4105263158	218.5895	1.02423
20	516.7	-192.7	-0.902921

趋势季节比率（%）
33.3125778331258
137.560929139609
149.804428839816
67.6004963150105
35.0482221705787
153.227970566219
167.39052750213
63.8309263448128
39.1558407679866
152.003866553044
155.625605003847
67.4518071559255
39.5795852665467
143.747903242599
147.44677481391
64.1373280355937
38.2848723837587
137.063322830803
143.164480658505
62.7056318947165



Significance F
0.241882092696507

Lower 95%	Upper 95%	下限 95.0%	上限 95.0%
96.918512913438	524.9025	96.91851	524.9025
-7.57423444967446	28.15318	-7.574234	28.15318

PROBABILITY OUTPUT

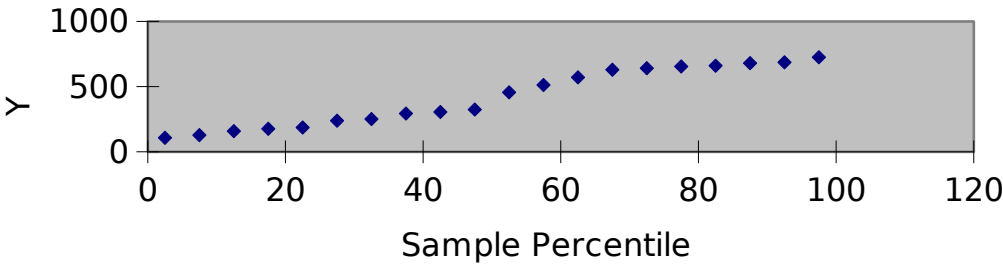
百分比排位	Y
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2.5	107
7.5	127
12.5	158
17.5	176
22.5	186
27.5	238
32.5	251
37.5	293
42.5	305
47.5	324
52.5	456
57.5	512
62.5	571
67.5	629
72.5	641
77.5	654
82.5	660
87.5	680
92.5	686
97.5	725

Variable 1 Residual Plot

X Variable 1 Line Fit Plot

Normal Probability Plot



季节指数计算表

年份	1季度(%)	2季度(%)	3季度(%)	4季度(%)	总计
2000	33.3125778	137.560929	149.804429	67.6004963	388.2784
2001	35.0482222	153.227971	167.390528	63.8309263	419.4976
2002	39.1558408	152.003867	155.625605	67.4518072	414.2371
2003	39.5795853	143.747903	147.446775	64.137328	394.9116
2004	38.2848724	137.063323	143.164481	62.7056319	381.2183
同季平均	37.0762197	144.720798	152.686363	65.1452379	399.6286
季节指数(%)	37.1106751	144.85529	152.828257	65.2057783	400
修正系数		1.00092931			

年份	季度	季顺序t	季节指数(%)	预测值
2005	1	21	37.11067514	195.56935
	2	22	144.8552896	778.27697
	3	23	152.828257	836.83927
	4	24	65.20577834	363.75558
a	310.9105			
b	10.28947			