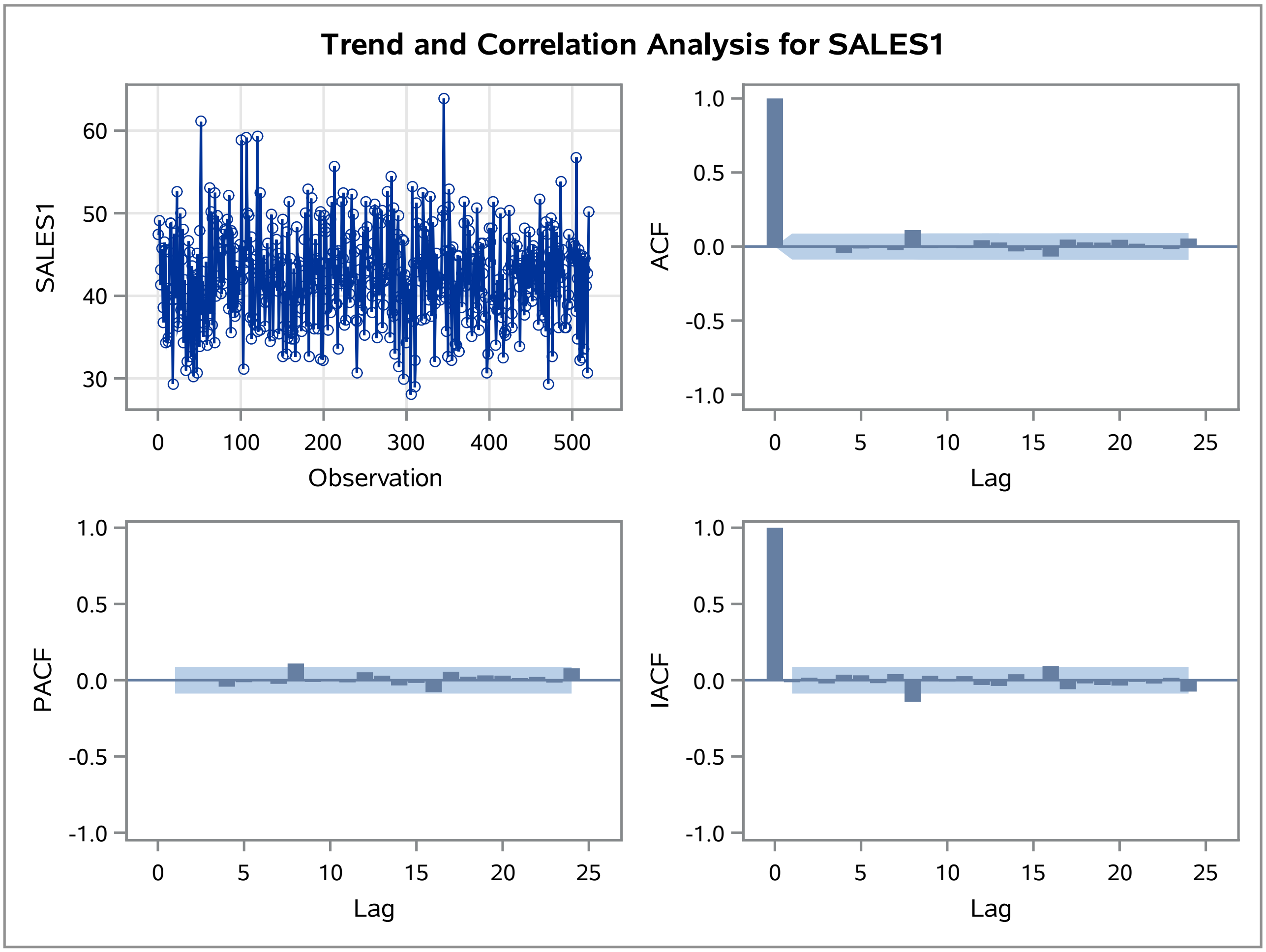
Name of Variable = SALES1	
Mean of Working Series	42.26438
Standard Deviation	5.710081
Number of Observations	520

Autocorrelation Check for White Noise									
To Lag	**Chi-Square**	**DF**	**Pr > ChiSq**	**Autocorrelations**					
6	1.09	6	0.9820	0.000	-0.005	0.006	-0.042	-0.013	0.006
12	8.99	12	0.7034	-0.024	0.111	-0.010	0.005	-0.011	0.043
18	14.31	18	0.7085	0.028	-0.033	-0.022	-0.068	0.047	0.028
24	17.86	24	0.8100	0.027	0.046	0.019	0.009	-0.018	0.054



Maximum Likelihood Estimation					
Parameter	**Estimate**	**Standard Error**	**t Value**	**Approx Pr > |t|**	**Lag**
MU	42.26167	0.27153	155.64	<.0001	0
AR1,1	0.0050483	0.04446	0.11	0.9096	1
AR1,2	-0.0078575	0.04447	-0.18	0.8597	2
AR1,3	0.0086663	0.04465	0.19	0.8461	3

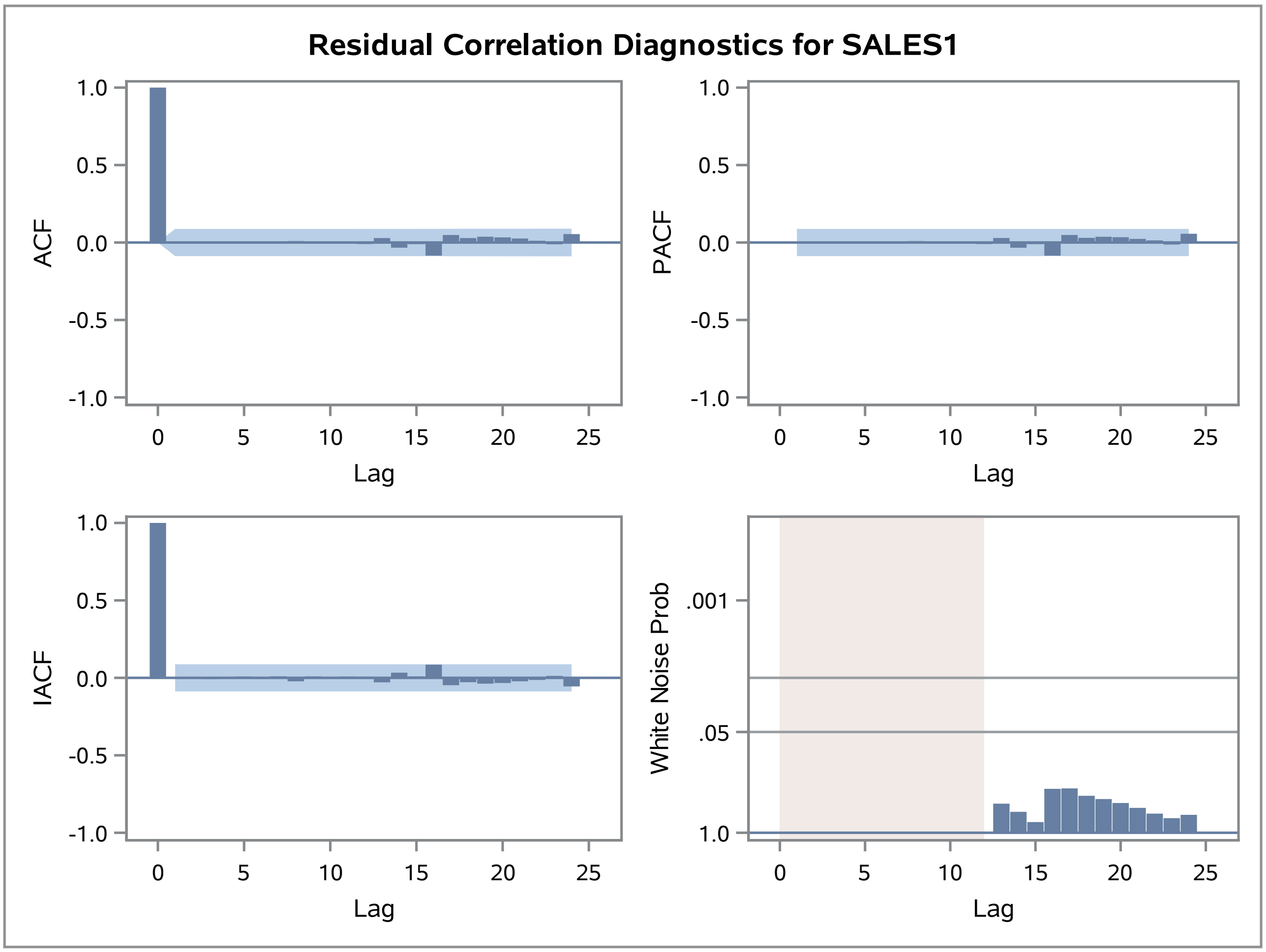
Maximum Likelihood Estimation					
Parameter	**Estimate**	**Standard Error**	**t Value**	**Approx Pr > |t|**	**Lag**
AR1,4	-0.04415	0.04463	-0.99	0.3225	4
AR1,5	-0.01268	0.04438	-0.29	0.7750	5
AR1,6	0.0052697	0.04435	0.12	0.9054	6
AR1,7	-0.02387	0.04449	-0.54	0.5916	7
AR1,8	0.11257	0.04449	2.53	0.0114	8
AR1,9	-0.01171	0.04488	-0.26	0.7941	9
AR1,10	0.0061844	0.04490	0.14	0.8904	10
AR1,11	-0.01504	0.04491	-0.33	0.7377	11
AR1,12	0.05403	0.04505	1.20	0.2305	12

Constant Estimate	39.03071
Variance Estimate	32.83588
Std Error Estimate	5.73026
AIC	3304.272
SBC	3359.571
Number of Residuals	520

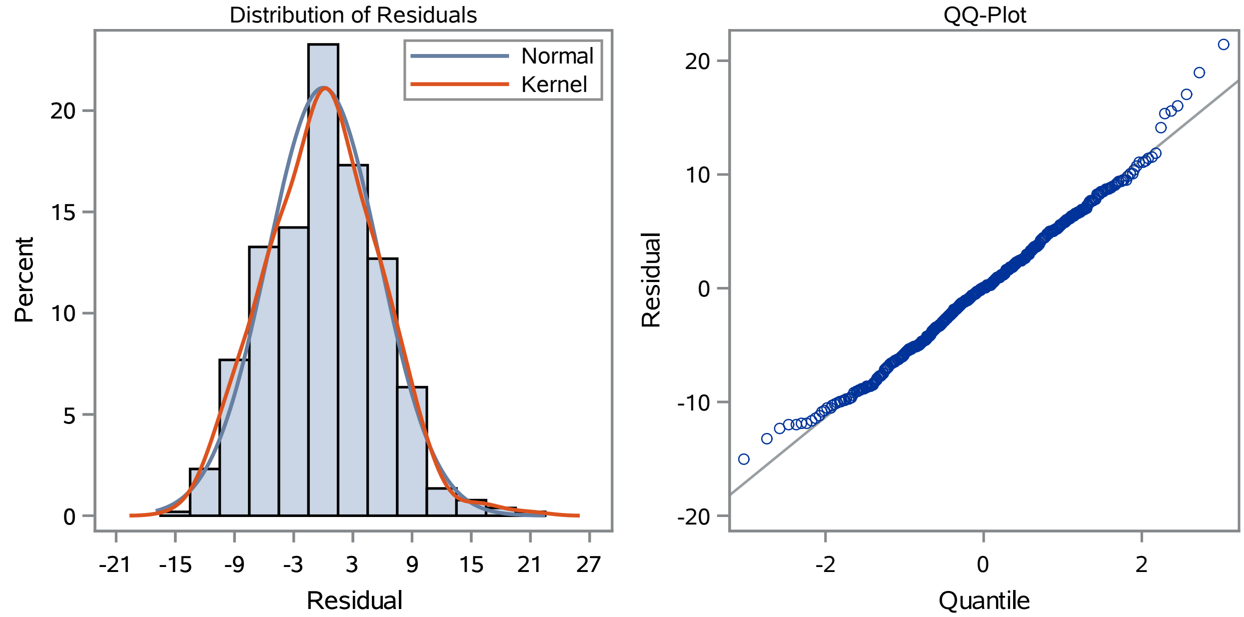
Correlations of Parameter Estimates													
Parameter	**MU**	**AR1,1**	**AR1,2**	**AR1,3**	**AR1,4**	**AR1,5**	**AR1,6**	**AR1,7**	**AR1,8**	**AR1,9**	**AR1,10**	**AR1,11**	**AR1,12**
MU	1.000	0.003	0.002	-0.002	-0.002	-0.002	-0.002	-0.005	-0.004	-0.007	-0.006	-0.005	-0.008
AR1,1	0.003	1.000	-0.004	0.001	-0.008	0.039	0.015	-0.012	0.026	-0.116	0.013	-0.005	0.009
AR1,2	0.002	-0.004	1.000	-0.005	0.001	-0.007	0.037	0.014	-0.010	0.026	-0.117	0.013	-0.004
AR1,3	-0.002	0.001	-0.005	1.000	-0.004	-0.002	-0.008	0.045	0.014	-0.004	0.024	-0.118	0.020
AR1,4	-0.002	-0.008	0.001	-0.004	1.000	-0.003	-0.001	-0.008	0.044	0.013	-0.003	0.024	-0.118
AR1,5	-0.002	0.039	-0.007	-0.002	-0.003	1.000	0.001	-0.004	-0.004	0.044	0.014	-0.004	0.023
AR1,6	-0.002	0.015	0.037	-0.008	-0.001	0.001	1.000	0.000	-0.003	-0.008	0.044	0.014	-0.004
AR1,7	-0.005	-0.012	0.014	0.045	-0.008	-0.004	0.000	1.000	-0.001	0.003	-0.008	0.042	0.019
AR1,8	-0.004	0.026	-0.010	0.014	0.044	-0.004	-0.003	-0.001	1.000	-0.006	0.004	-0.009	0.041
AR1,9	-0.007	-0.116	0.026	-0.004	0.013	0.044	-0.008	0.003	-0.006	1.000	-0.009	0.002	-0.003
AR1,10	-0.006	0.013	-0.117	0.024	-0.003	0.014	0.044	-0.008	0.004	-0.009	1.000	-0.008	0.001
AR1,11	-0.005	-0.005	0.013	-0.118	0.024	-0.004	0.014	0.042	-0.009	0.002	-0.008	1.000	-0.010
AR1,12	-0.008	0.009	-0.004	0.020	-0.118	0.023	-0.004	0.019	0.041	-0.003	0.001	-0.010	1.000

Autocorrelation Check of Residuals

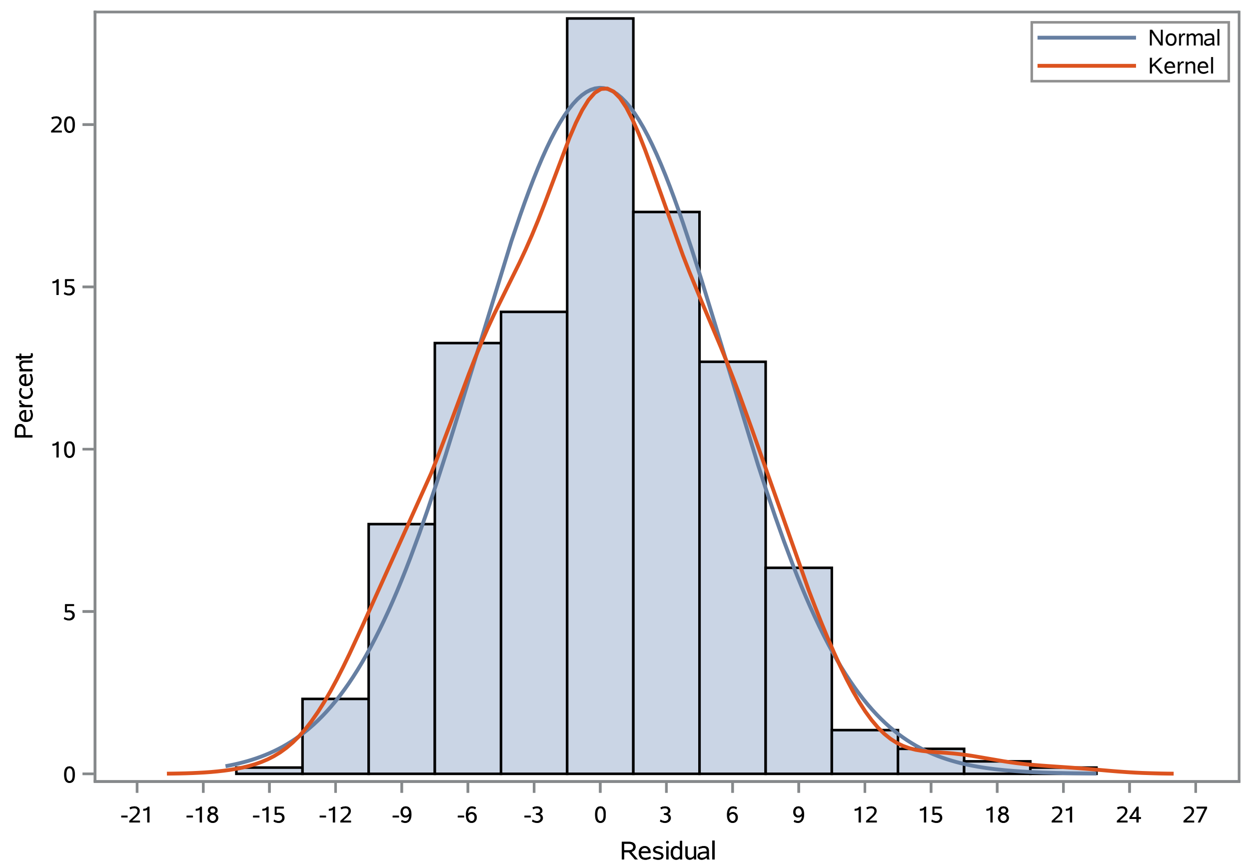
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	.	0	.	-0.002	0.002	0.001	0.005	-0.008	0.005
12	.	0	.	-0.002	0.009	-0.008	-0.003	-0.003	-0.010
18	6.87	6	0.3334	0.029	-0.033	-0.011	-0.085	0.048	0.029
24	10.33	12	0.5868	0.037	0.033	0.026	0.011	-0.012	0.054
30	17.10	18	0.5164	0.090	-0.030	-0.052	-0.002	-0.023	0.009
36	24.08	24	0.4570	-0.026	0.072	-0.044	-0.064	-0.027	-0.002
42	31.74	30	0.3797	-0.006	0.085	-0.028	-0.065	-0.035	0.003
48	37.20	36	0.4136	-0.005	-0.008	-0.076	-0.052	-0.030	0.010

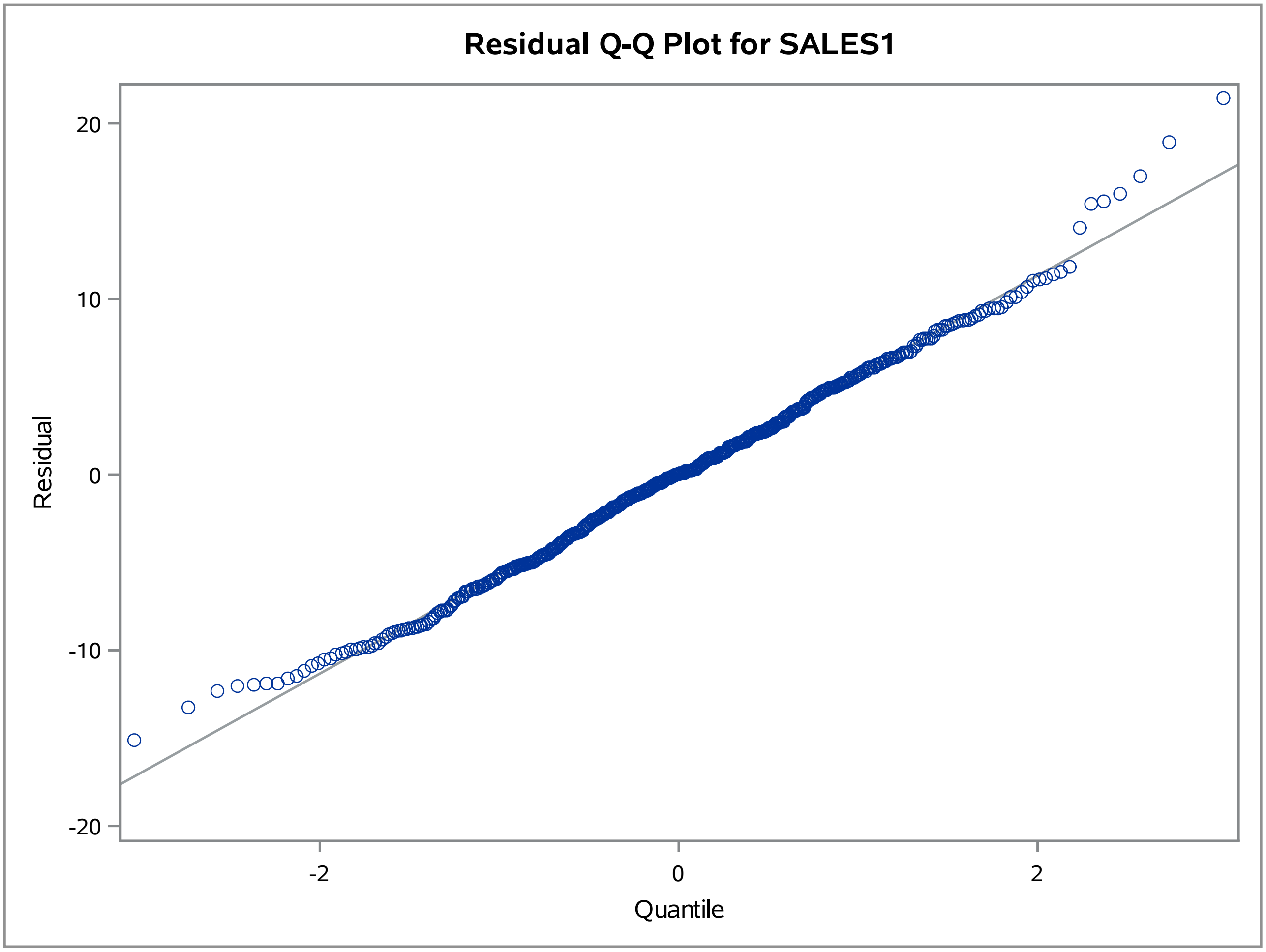


Residual Normality Diagnostics for SALES1



Distribution of Residuals for SALES1





Model for variable SALES1	
Estimated Mean	42.26167

Autoregressive Factors	
Factor 1:	1 - 0.00505 B**(1) + 0.00786 B**(2) - 0.00867 B**(3) + 0.04415 B**(4) + 0.01268 B**(5) - 0.00527 B**(6) + 0.02387 B**(7) - 0.11257 B**(8) + 0.01171 B**(9) - 0.00618 B**(10) + 0.01504 B**(11) - 0.05403 B**(12)

Warning: Unless PRINTALL is specified along with the options given in the current FORECAST statement, the FORECAST statement will do nothing.

Outlier Detection Summary	
Maximum number searched	5
Number found	5
Significance used	0.05

Outlier Details

Obs	Type	Estimate	Chi-Square	Approx Prob>ChiSq
345	Additive	21.48142	14.14	0.0002
52	Additive	18.74780	11.13	0.0009
101	Additive	17.42613	9.74	0.0018
107	Additive	16.27864	8.81	0.0030
120	Additive	15.54225	8.03	0.0046