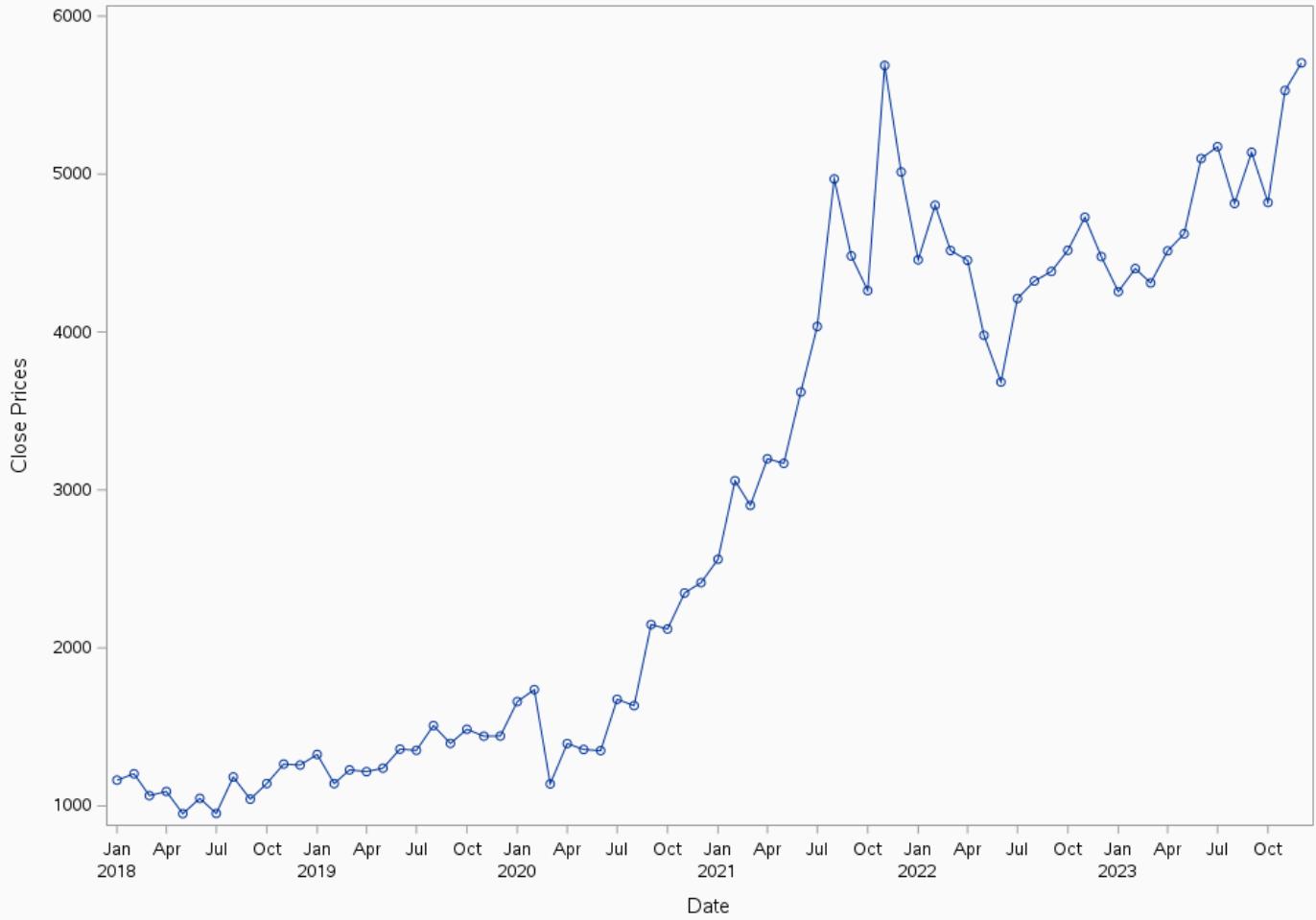
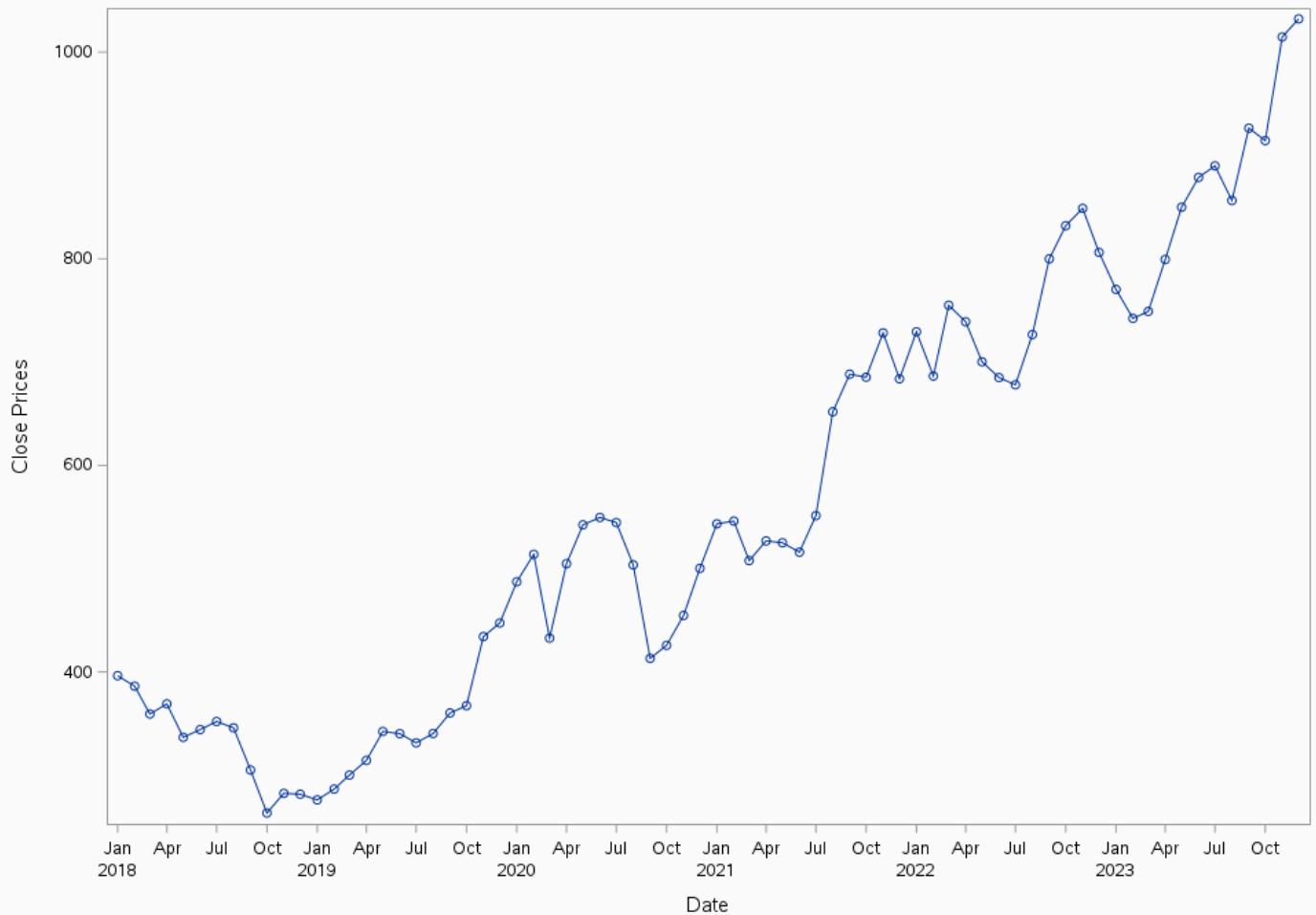


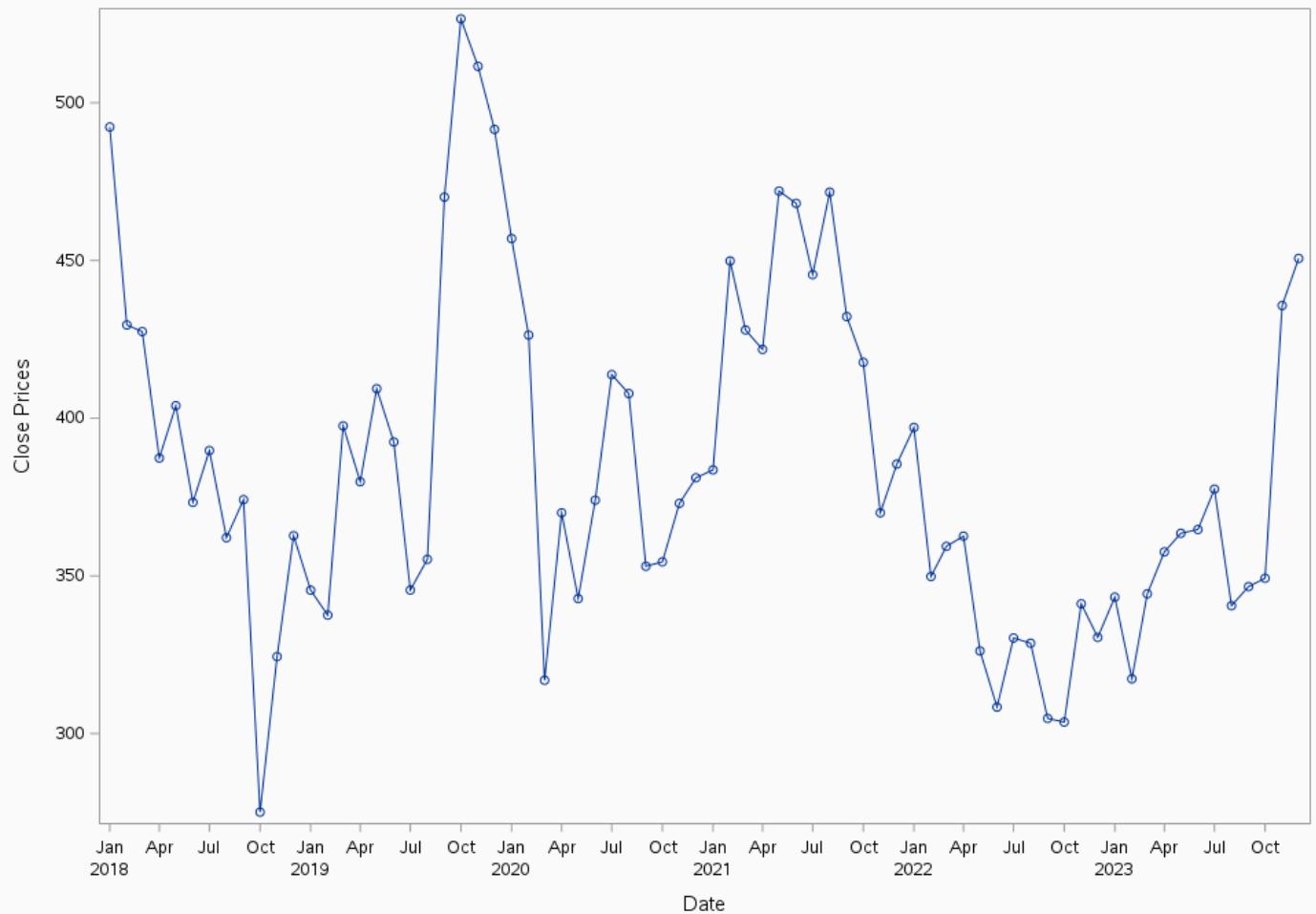
The MEANS Procedure

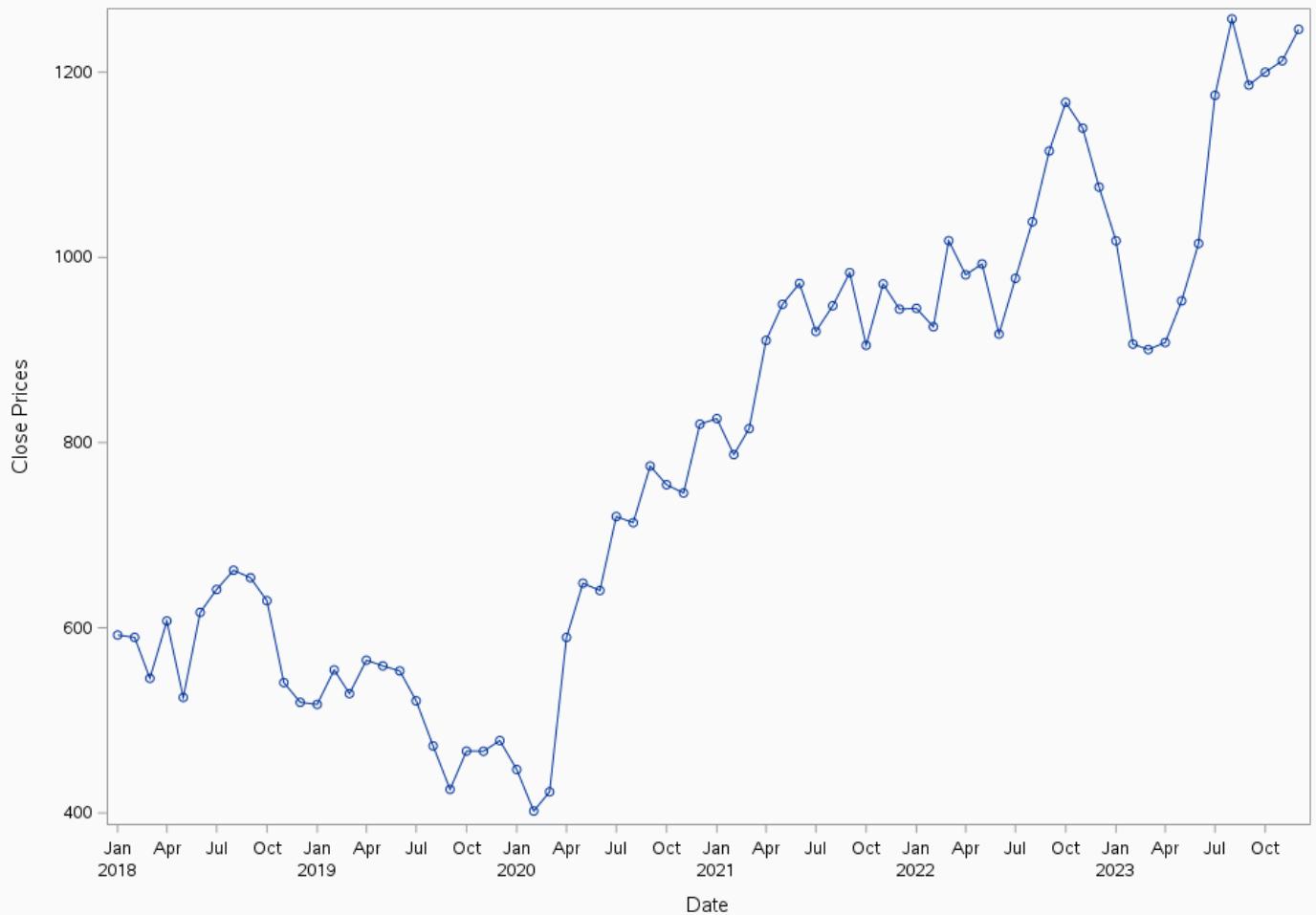
Analysis Variable : Close						
Name	N Obs	N	Mean	Std Dev	Minimum	Maximum
APOLLO	72	72	2893.58	1611.99	950.3499760	5704.10
Airtel	72	72	563.8955743	208.8213225	263.4825740	1032.20
BPCL	72	72	384.9208328	53.7857082	275.1000060	526.5999760
CIPLA	72	72	793.2416670	242.3306217	402.1000060	1257.60
DABUR	72	72	498.0416654	73.0218266	325.0499880	621.5000000
DMART	72	72	2787.05	1126.40	1179.65	4710.90
DRREDD	72	72	3910.79	1130.42	1936.60	5797.90
EXPEDI	72	72	123.6827774	30.5404953	56.2700000	196.1100010
GODREJ	72	72	1185.54	420.9665457	590.9000240	2311.90
HCLTEC	72	72	834.3548609	293.0489632	436.3999940	1466.10
INDIAN	72	72	83.7979166	19.7448360	49.2666660	139.1999970
INDIGO	72	72	1644.65	481.6361627	826.0999760	2967.10
JETAIR	72	72	136.0895833	159.9524251	13.6500000	753.6500240
META	71	71	17014.67	5683.00	7710.85	29445.93
MHRIL	72	72	202.4615733	78.6209756	87.7333300	399.6000060
MM	72	72	885.8388841	332.0511162	284.9500120	1729.40
NFLX	72	72	29192.71	8680.14	13805.99	51714.57
OBEROI	72	72	680.9312498	260.8007237	319.7999880	1443.35
RCOMMU	72	72	4.7840278	6.4545259	0.6500000	29.4500010
RINDUS	72	72	1750.76	566.7543636	807.0814820	2584.95
SPICEJ	72	72	72.4405555	33.4398676	25.8300000	145.9499970
TAJGVK	72	72	172.0534726	39.7386966	103.4000020	274.6000060
TCS	72	72	2724.03	703.5766660	1424.57	3793.40
ZEEL	72	72	299.1993077	122.8915441	123.9499970	593.7000120
ZOOM	55	55	12473.09	8978.17	4574.51	32939.87

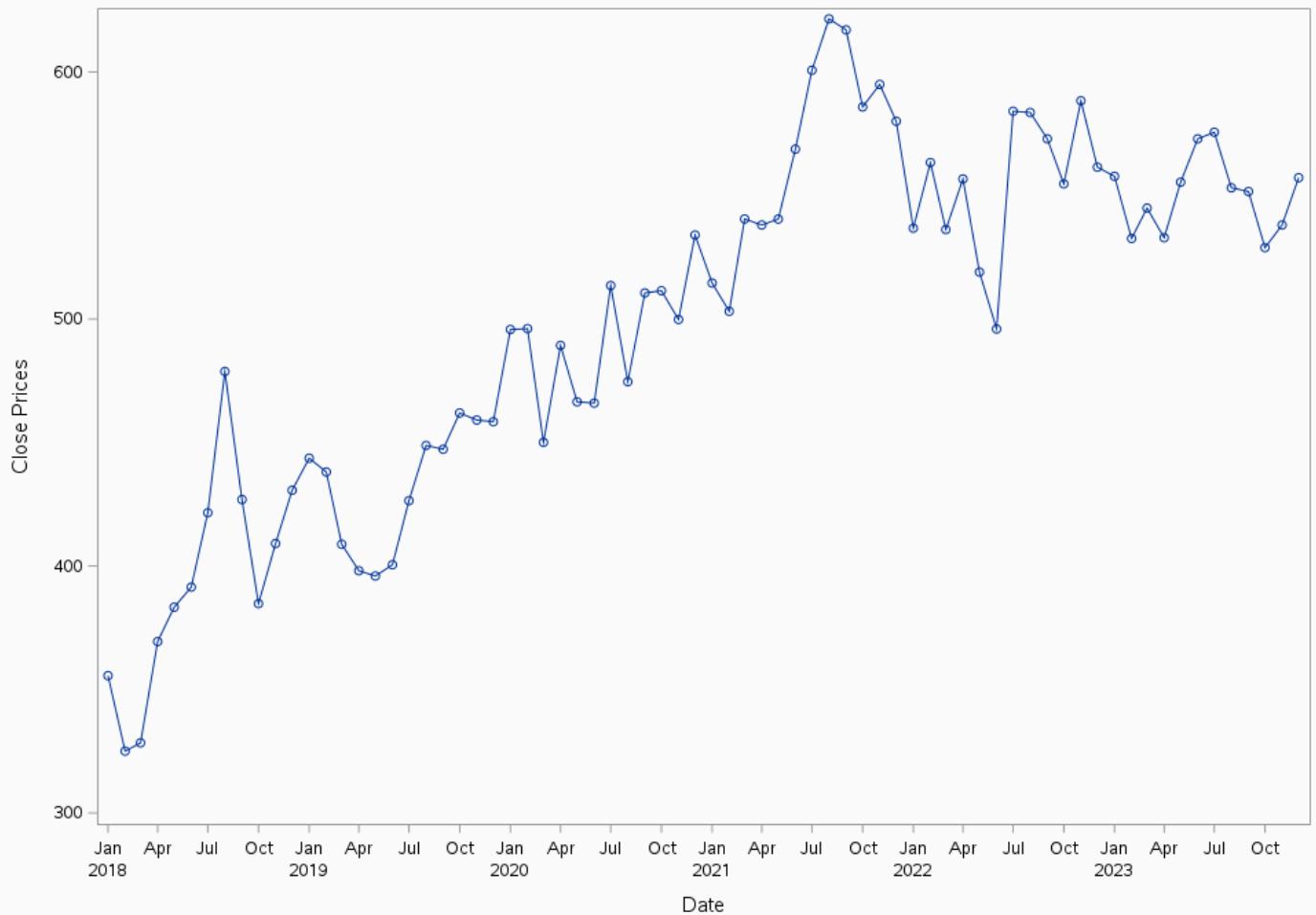
**Historical Closing Price Of The Stock
Name=APOLLO**

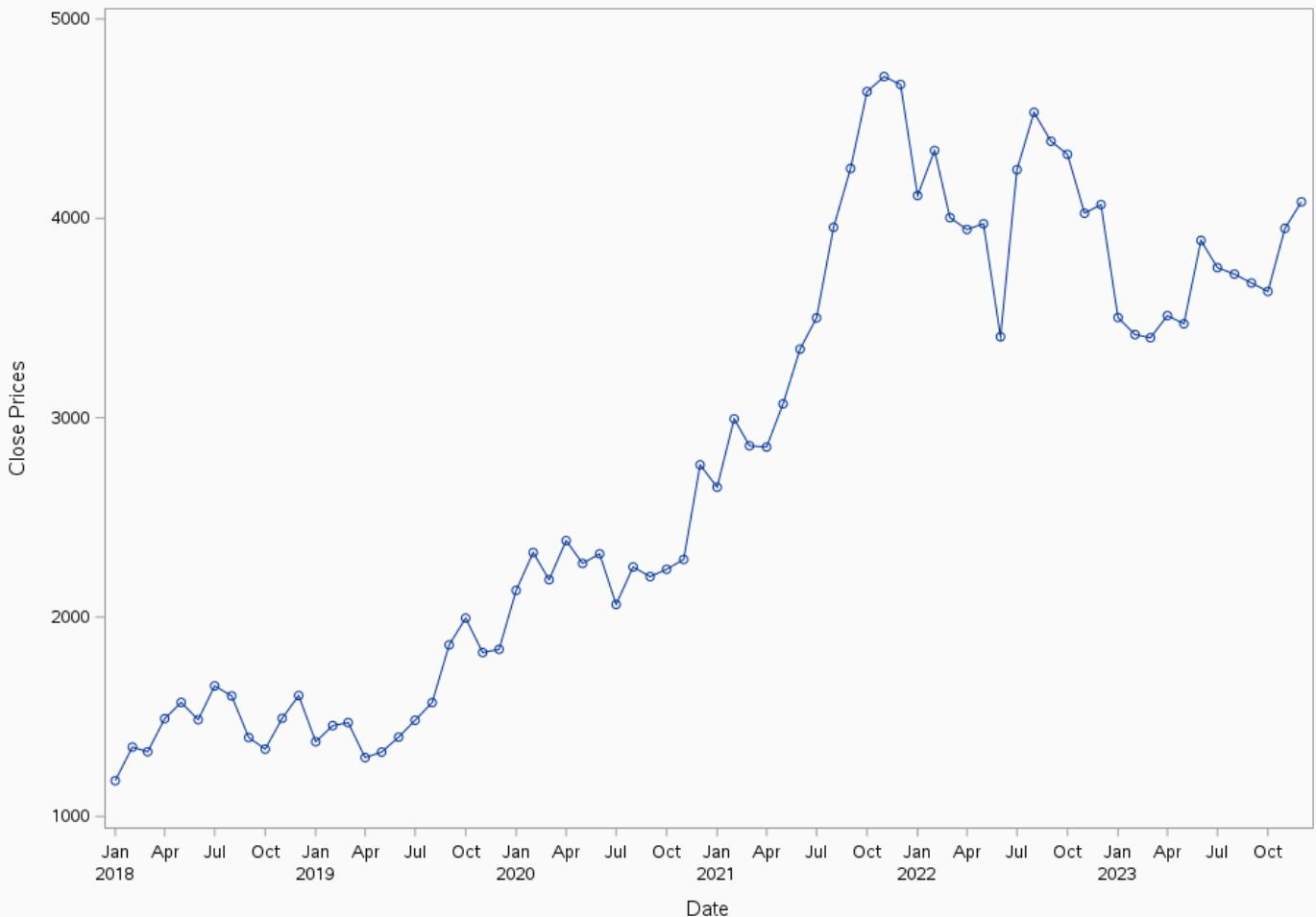


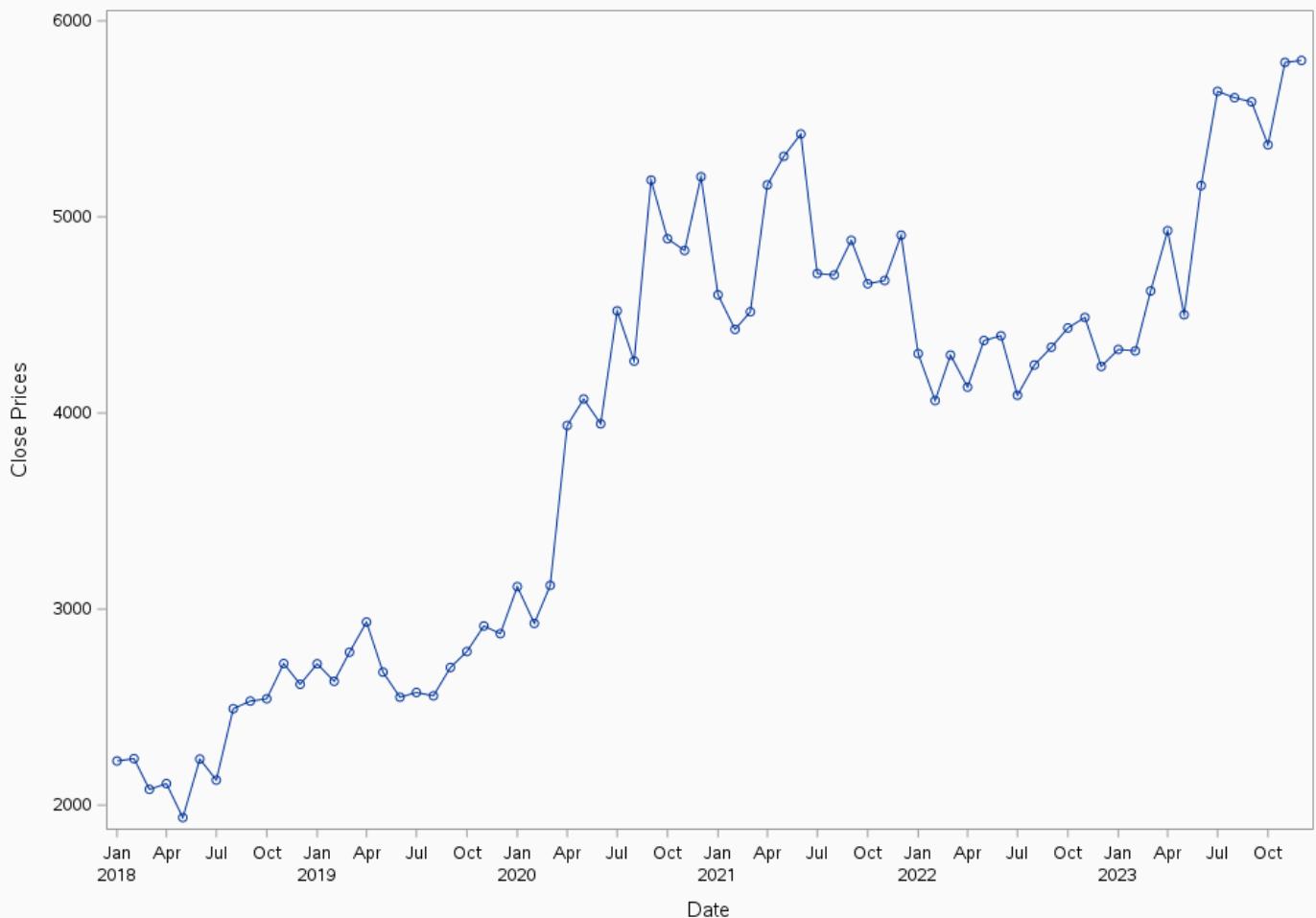
**Historical Closing Price Of The Stock
Name=Airtel**

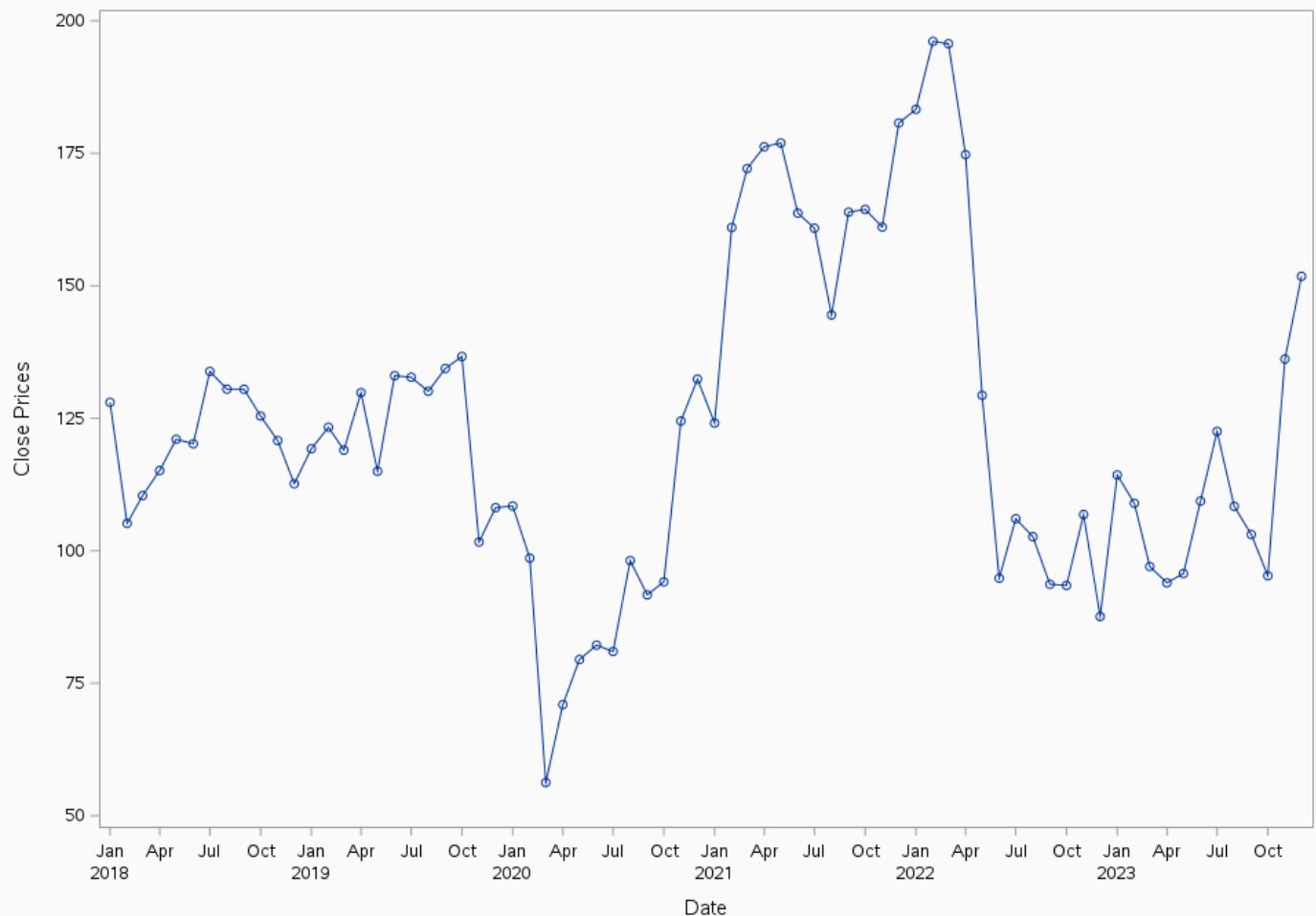
**Historical Closing Price Of The Stock
Name=BPCL**

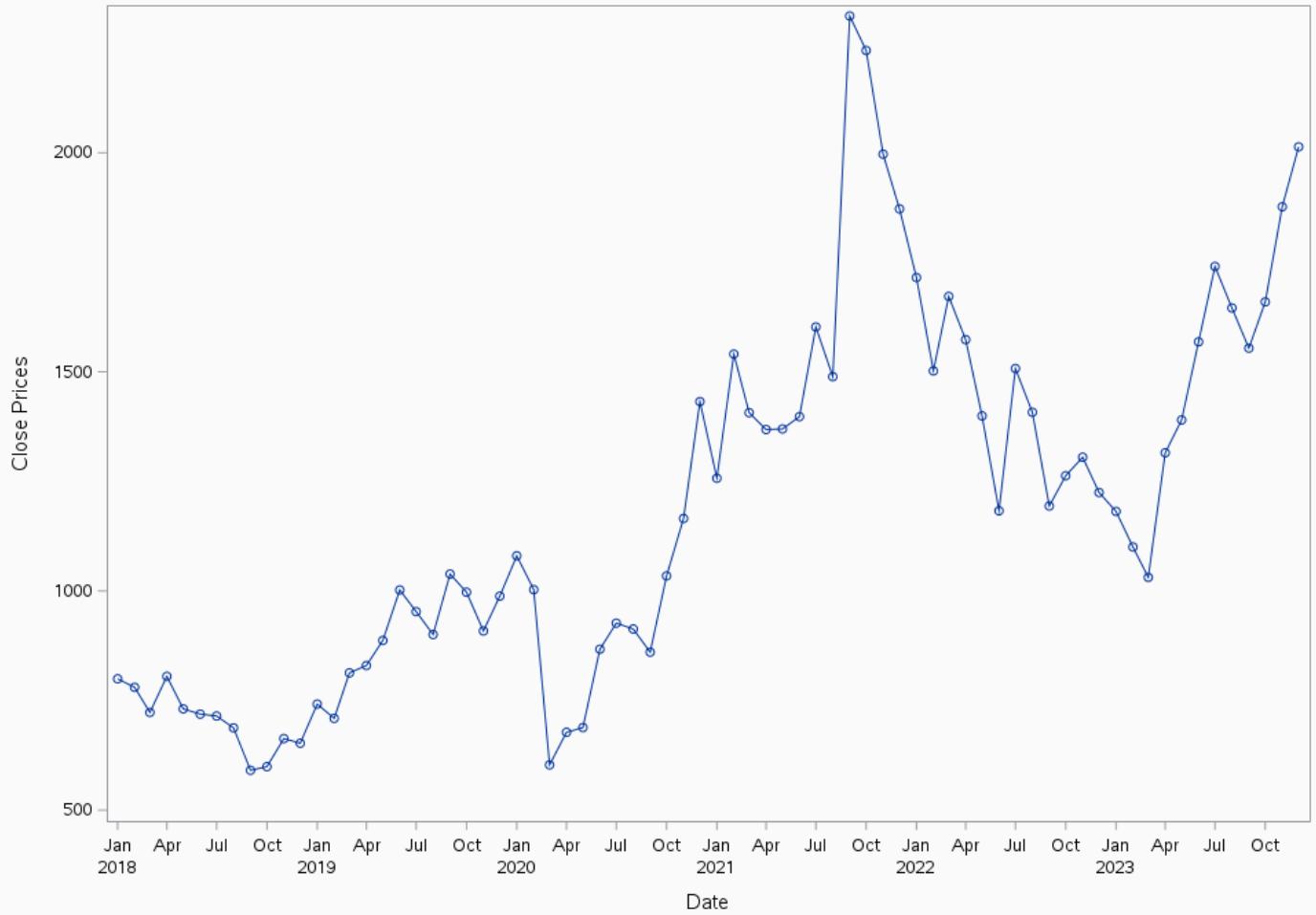
**Historical Closing Price Of The Stock
Name=CIPLA**

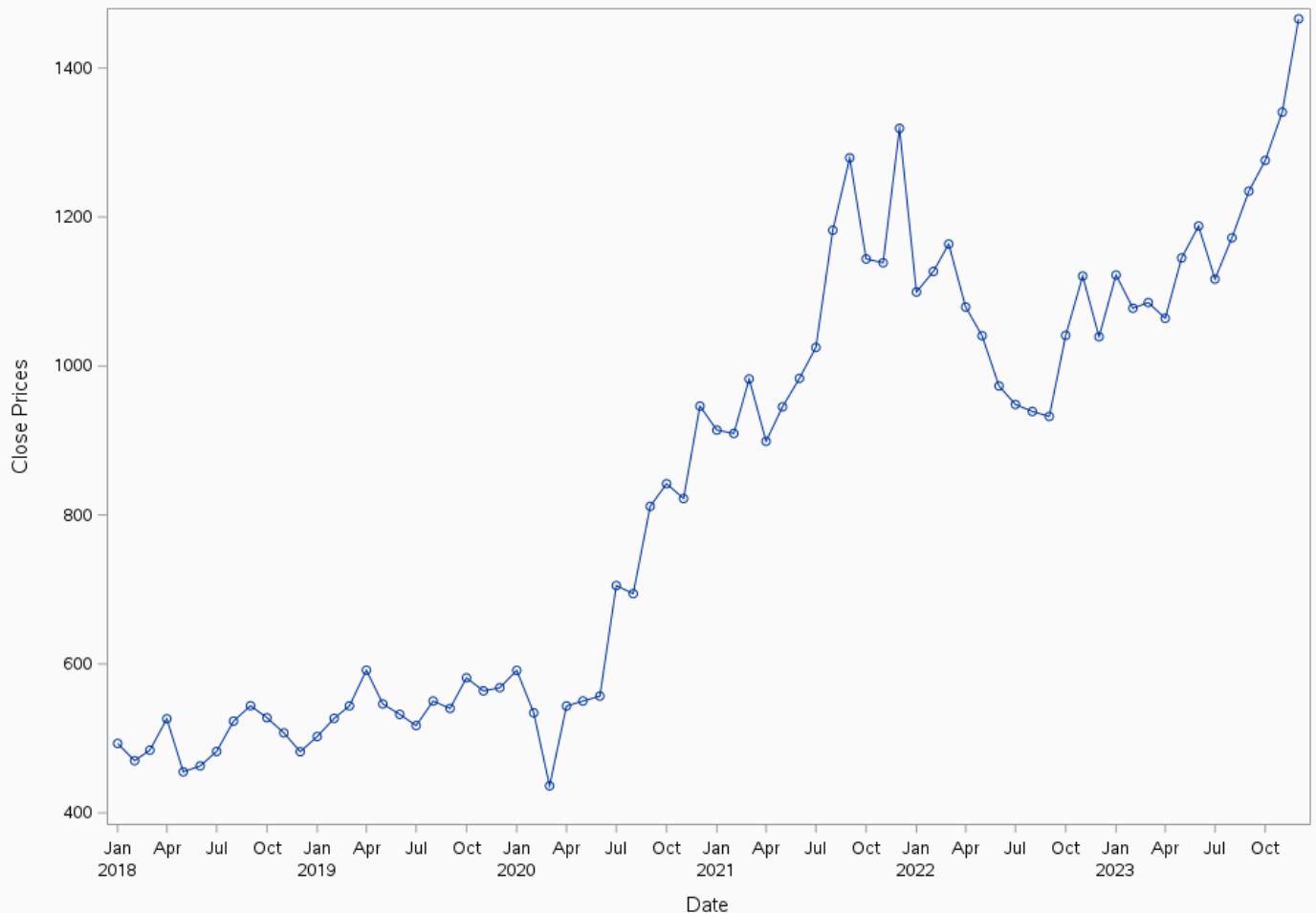
**Historical Closing Price Of The Stock
Name=DABUR**

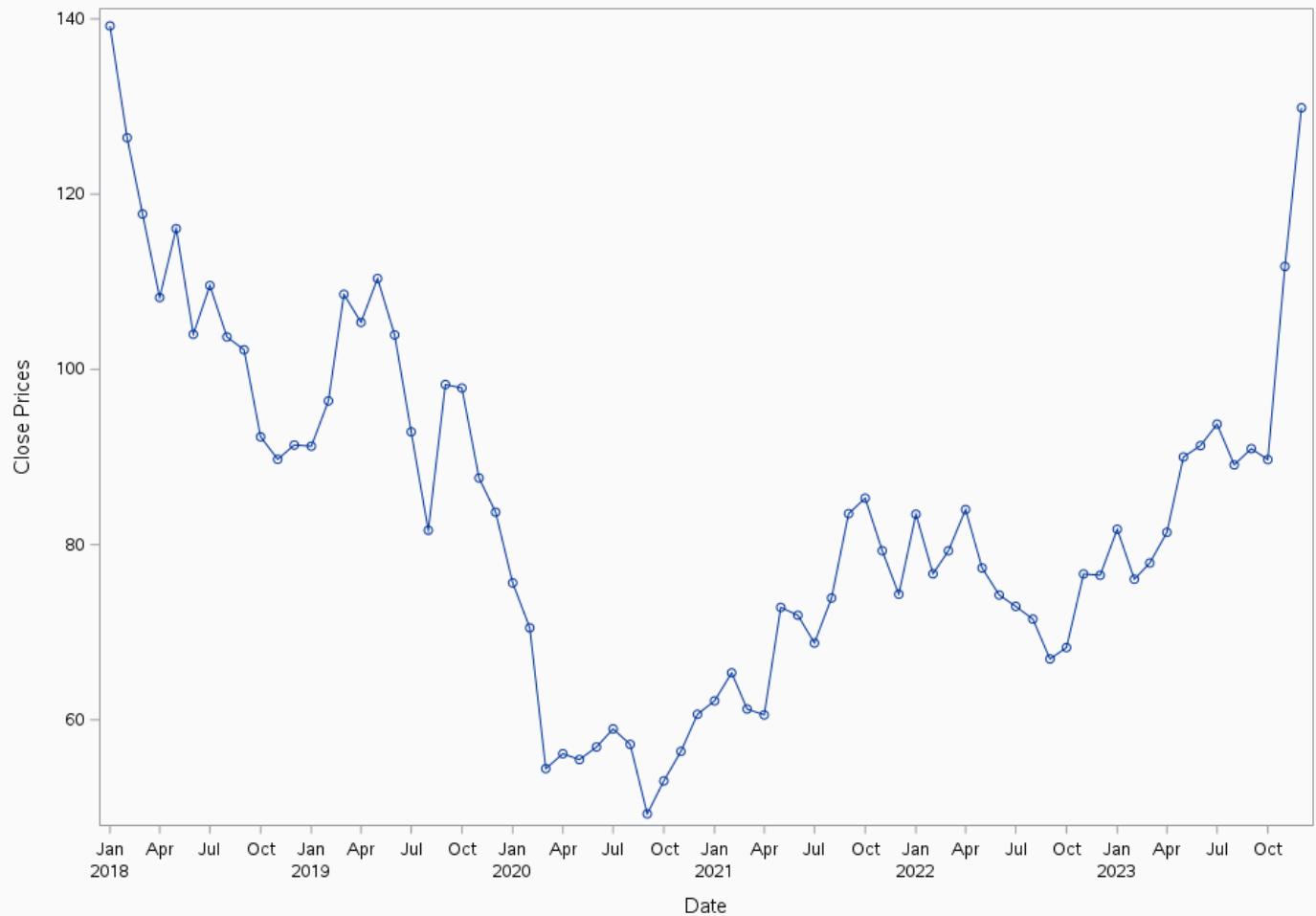
**Historical Closing Price Of The Stock
Name=DMART**

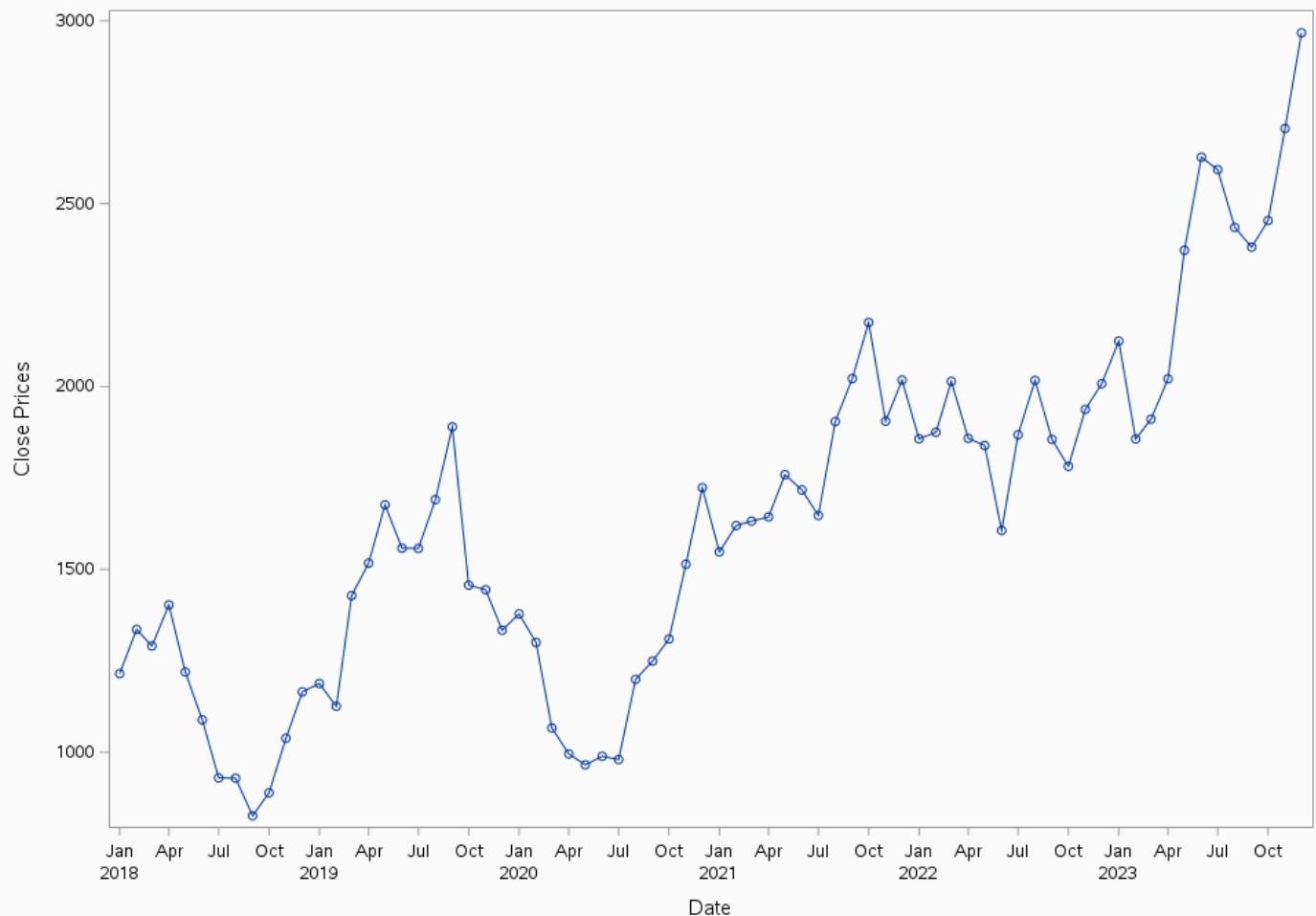
**Historical Closing Price Of The Stock
Name=DRREDD**

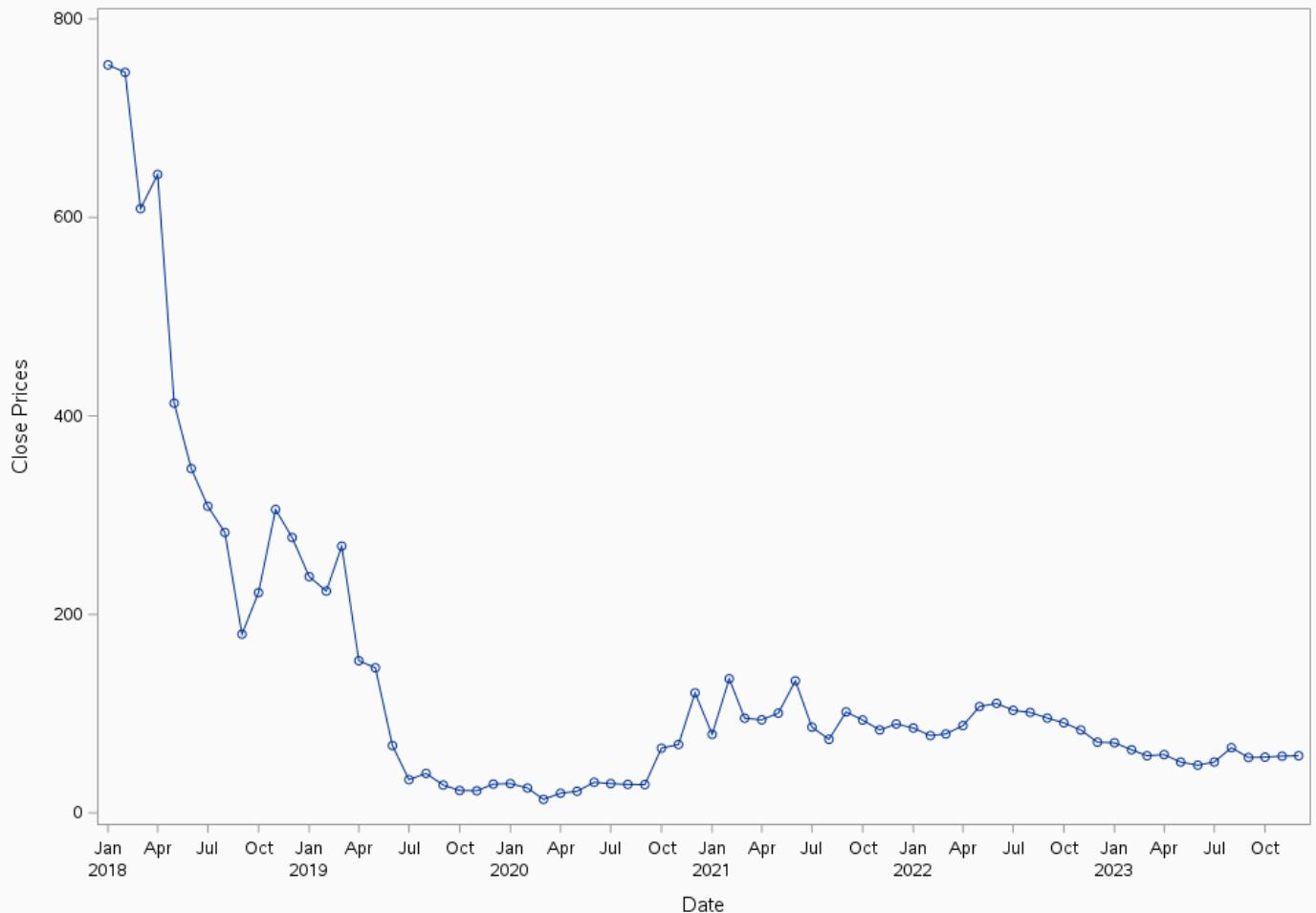
**Historical Closing Price Of The Stock
Name=EXPEDI**

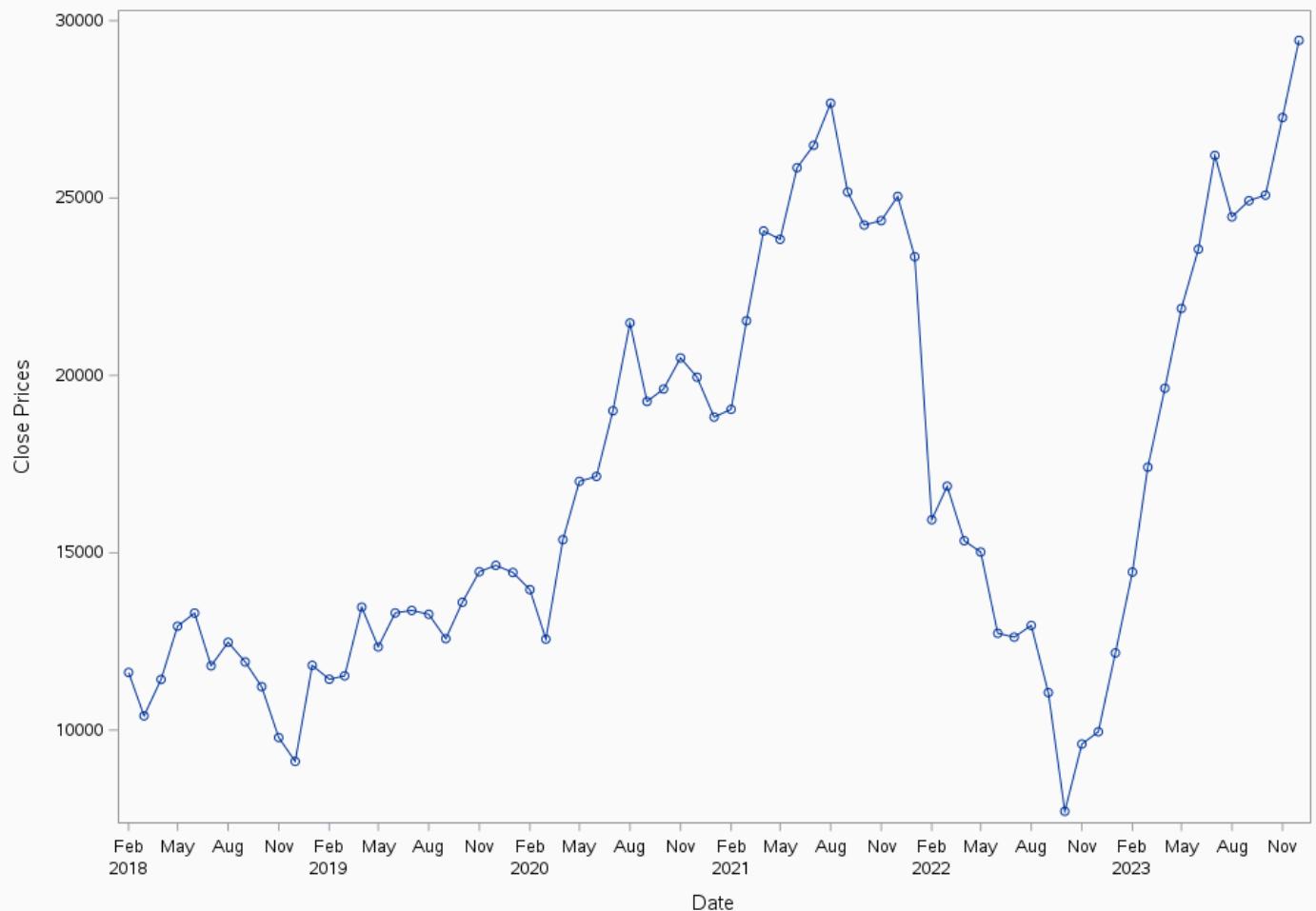
**Historical Closing Price Of The Stock
Name=GODREJ**

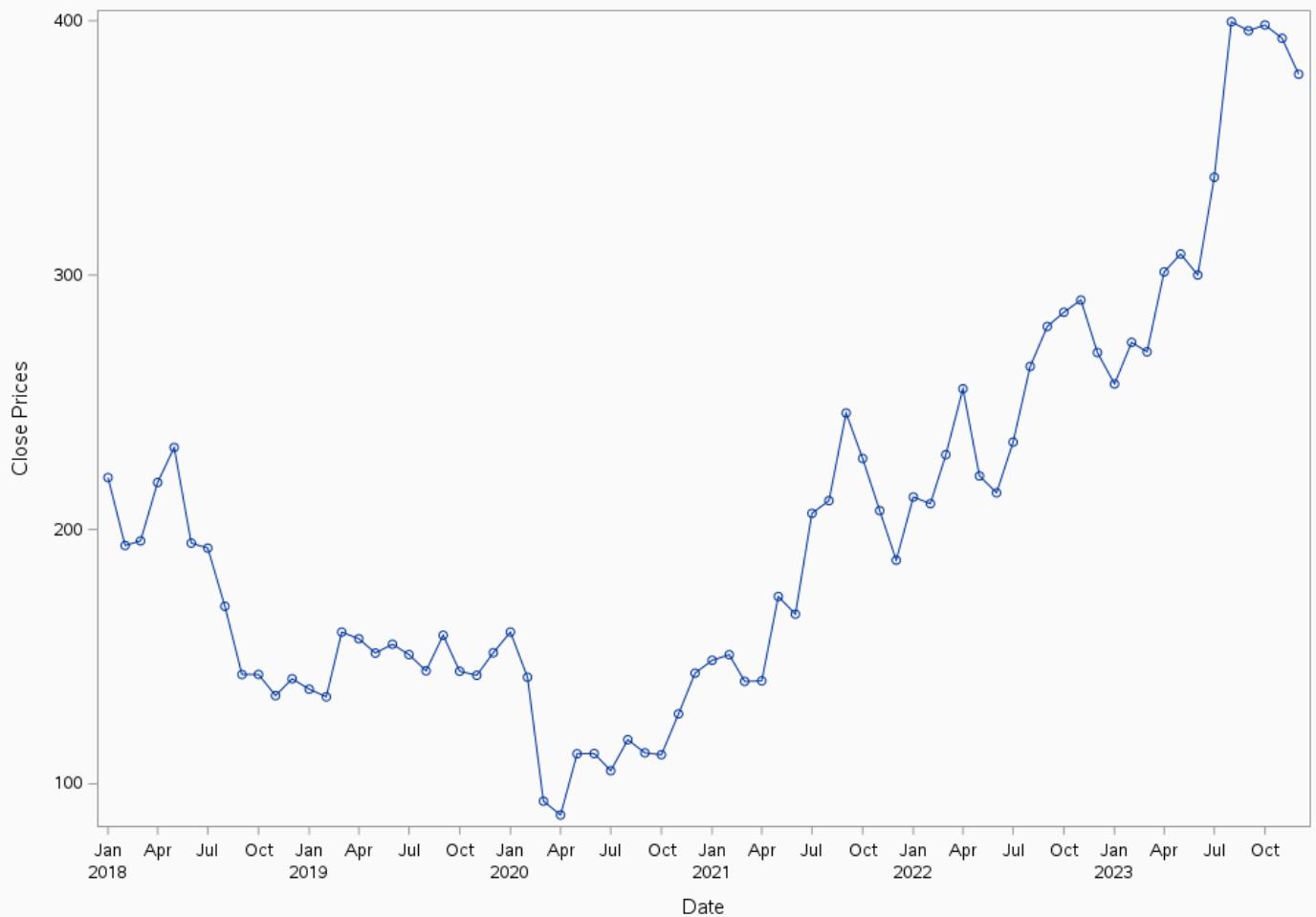
**Historical Closing Price Of The Stock
Name=HCLTEC**

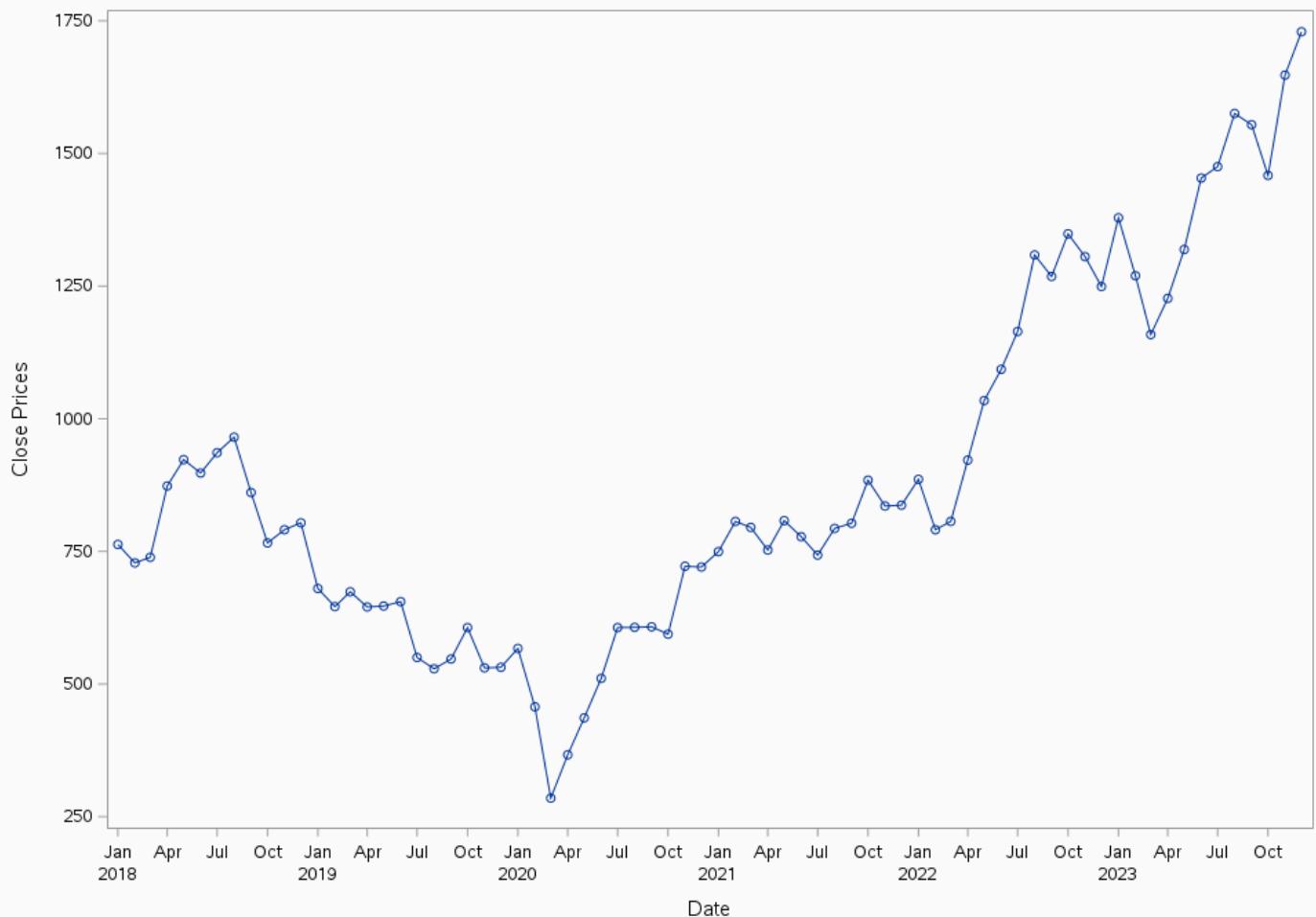
**Historical Closing Price Of The Stock
Name=INDIAN**

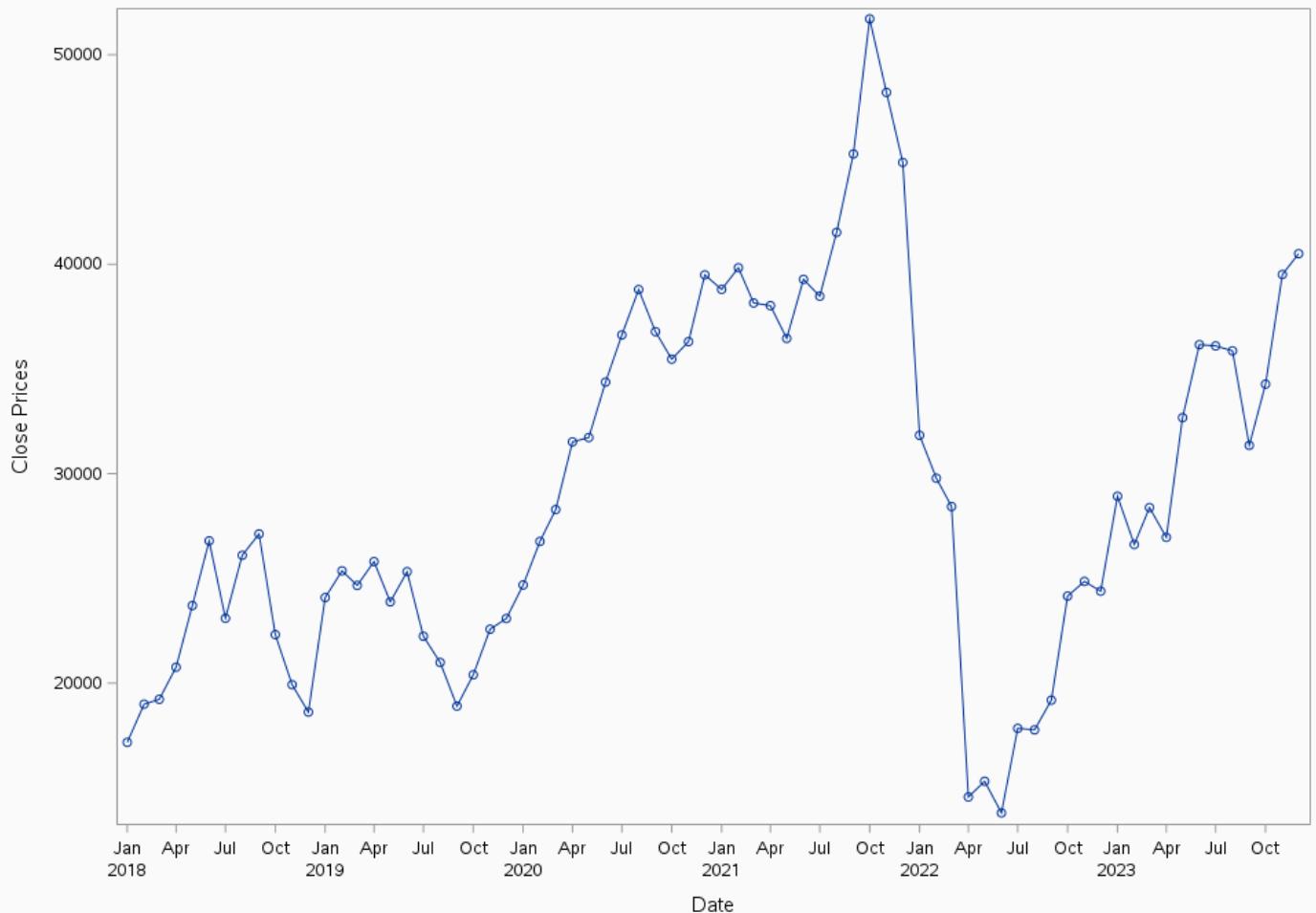
**Historical Closing Price Of The Stock
Name=INDIGO**

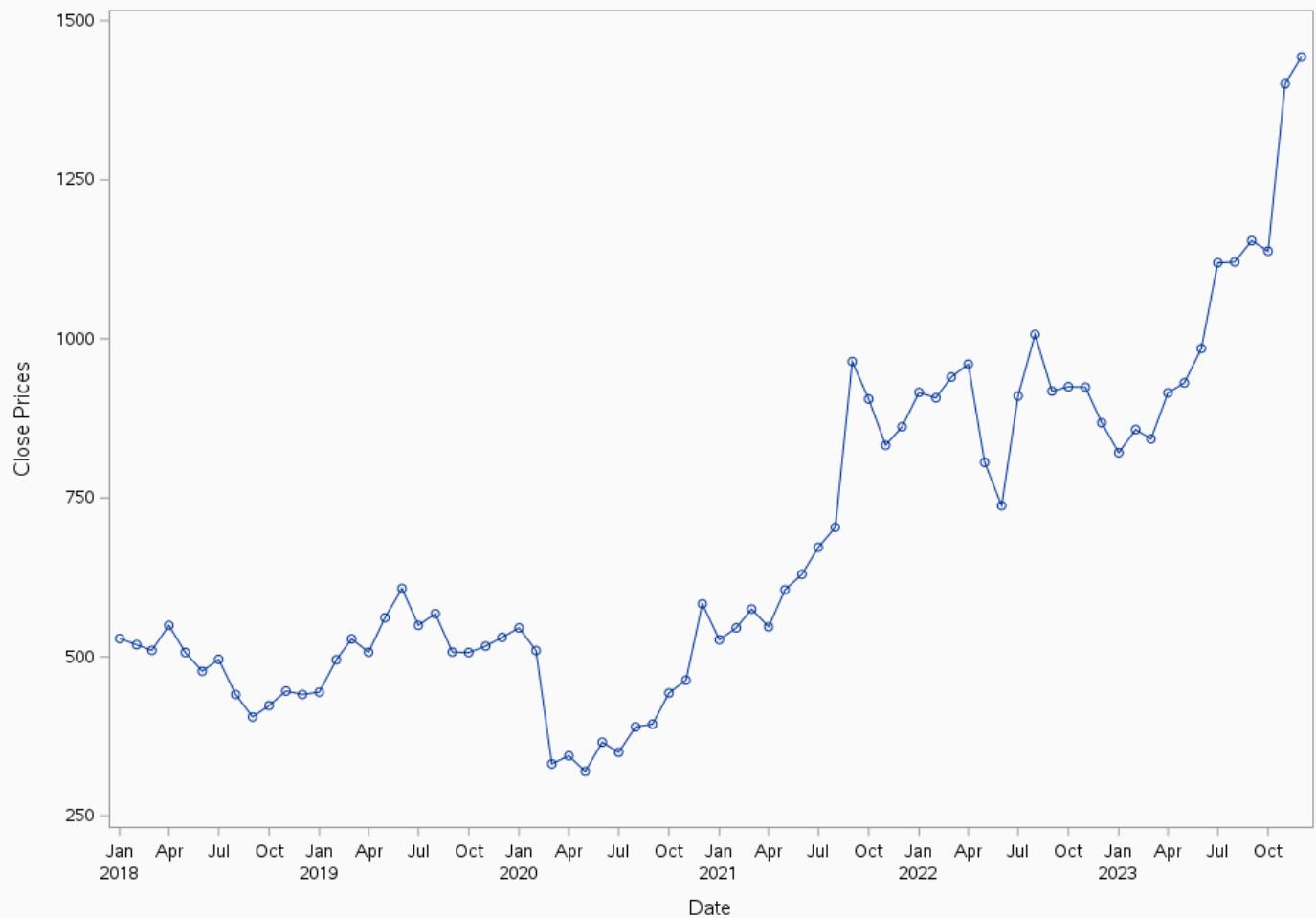
**Historical Closing Price Of The Stock
Name=JETAIR**

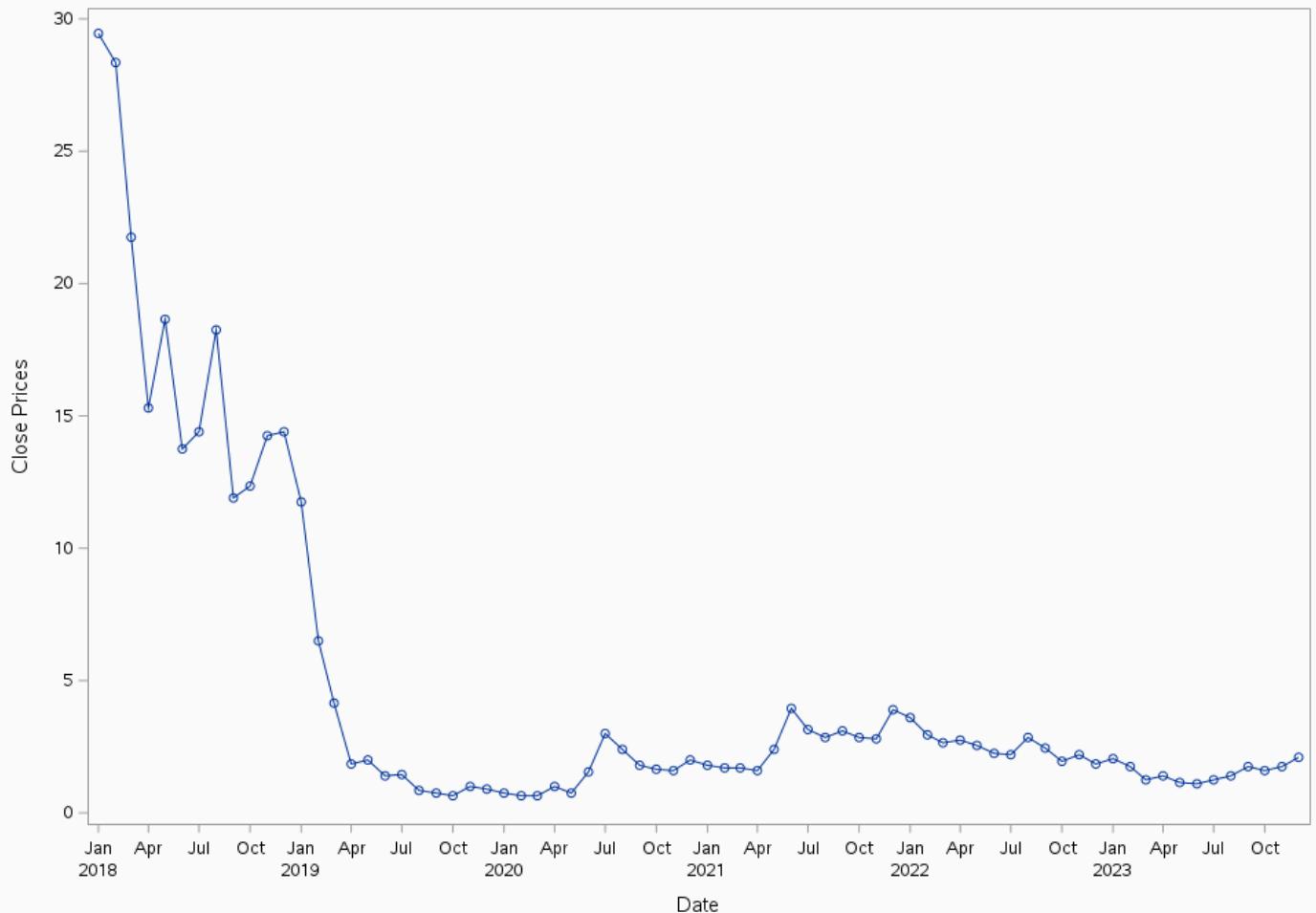
**Historical Closing Price Of The Stock
Name=META**

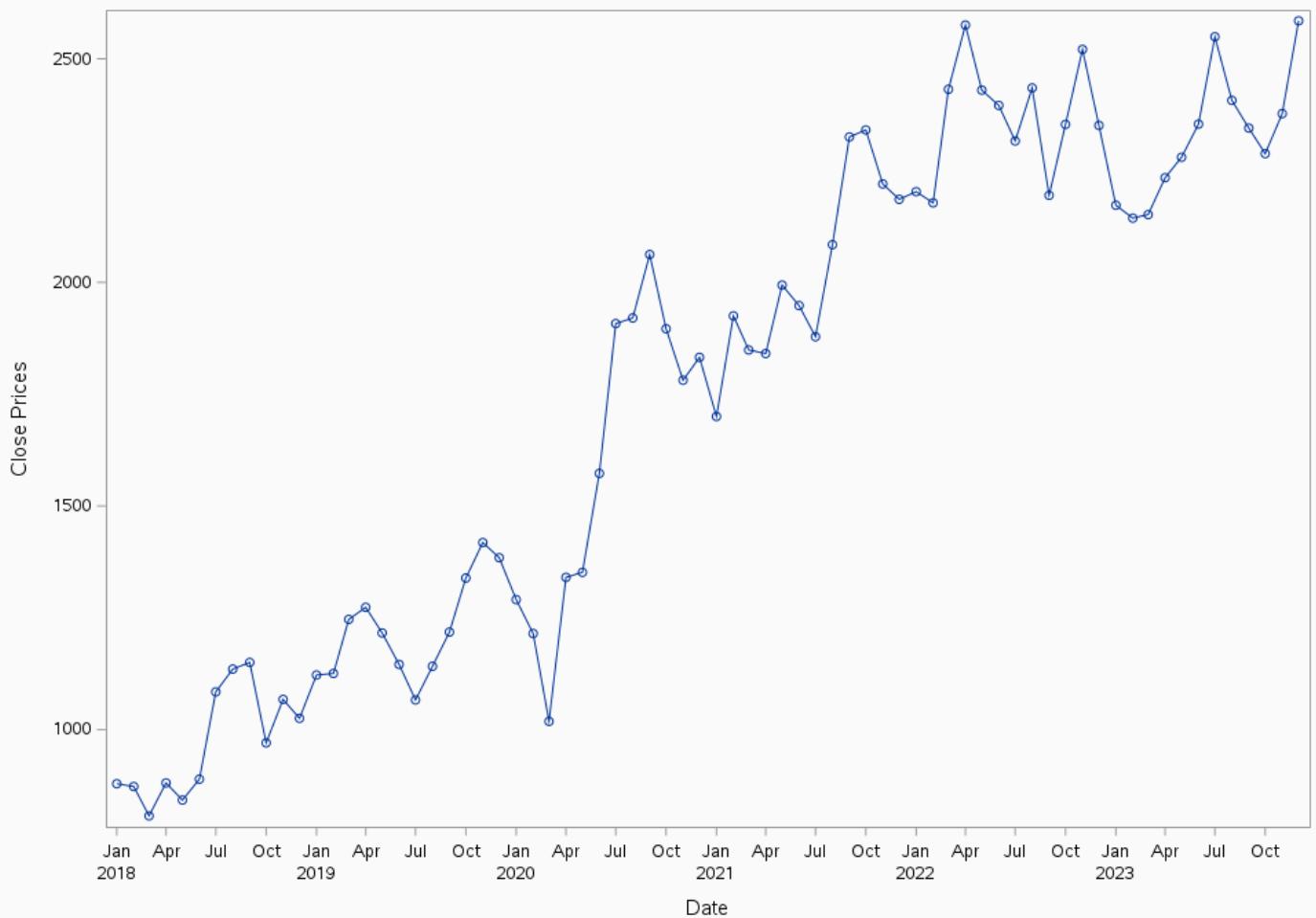
**Historical Closing Price Of The Stock
Name=MHRIL**

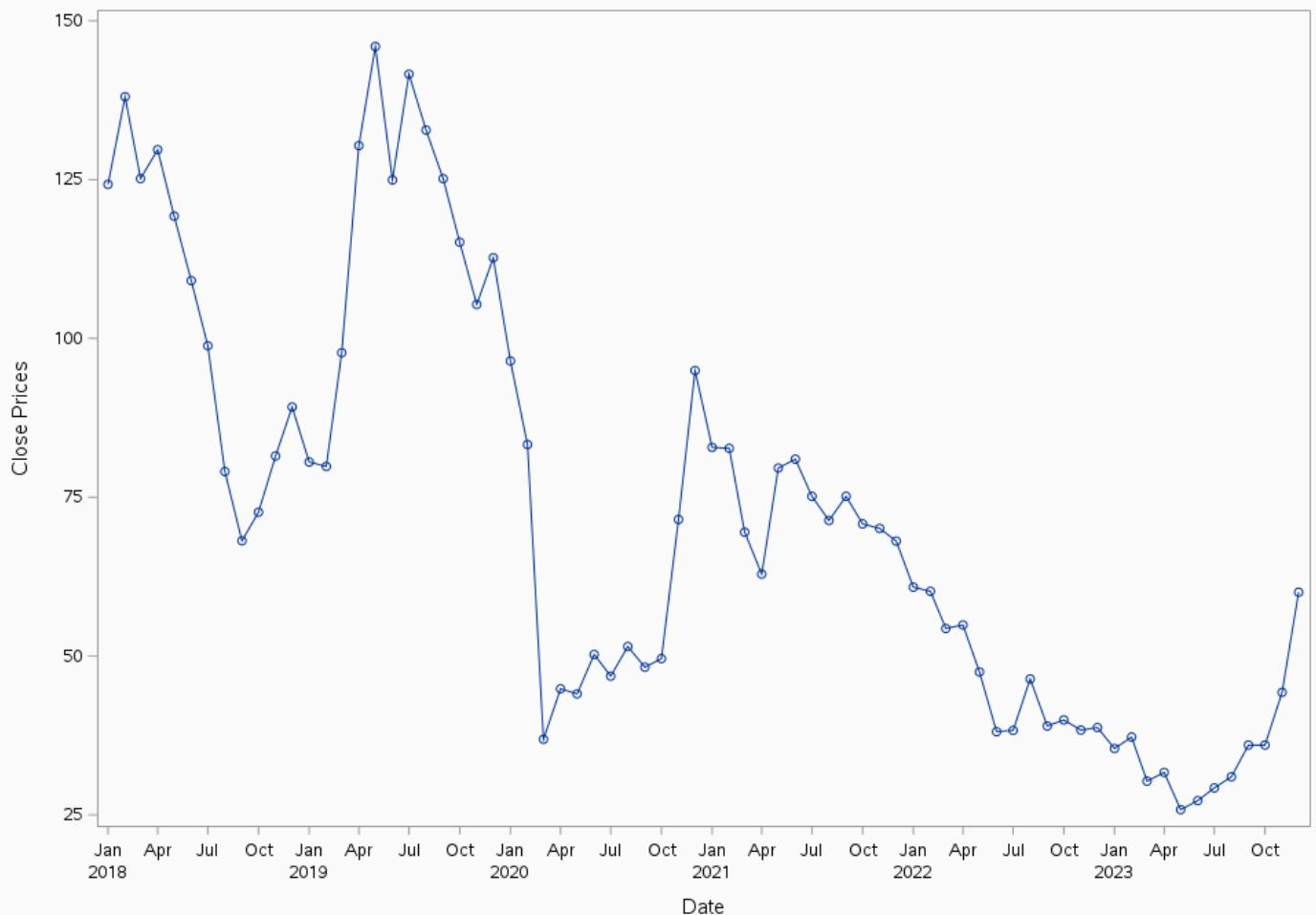
**Historical Closing Price Of The Stock
Name=MM**

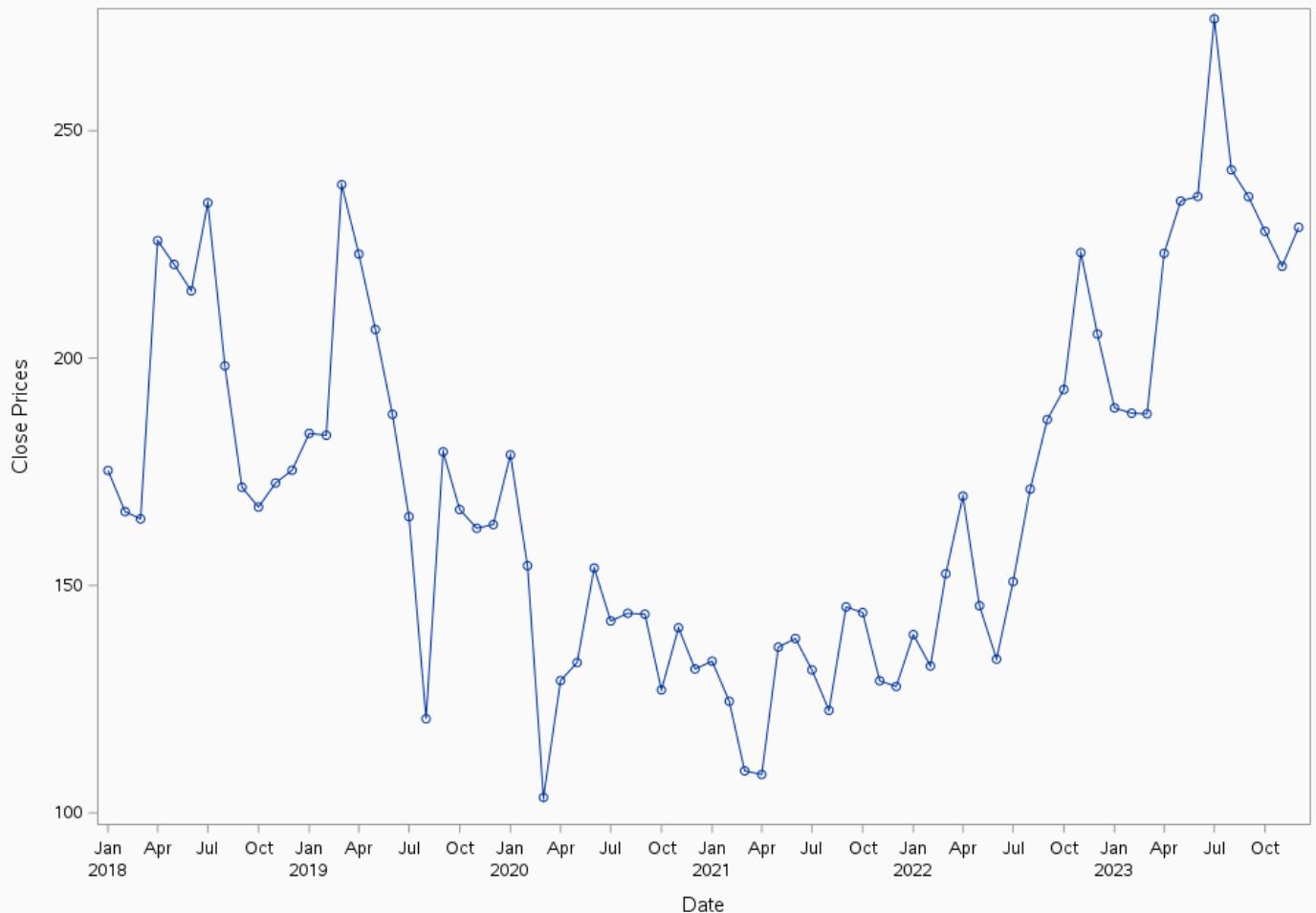
**Historical Closing Price Of The Stock
Name=NFLX**

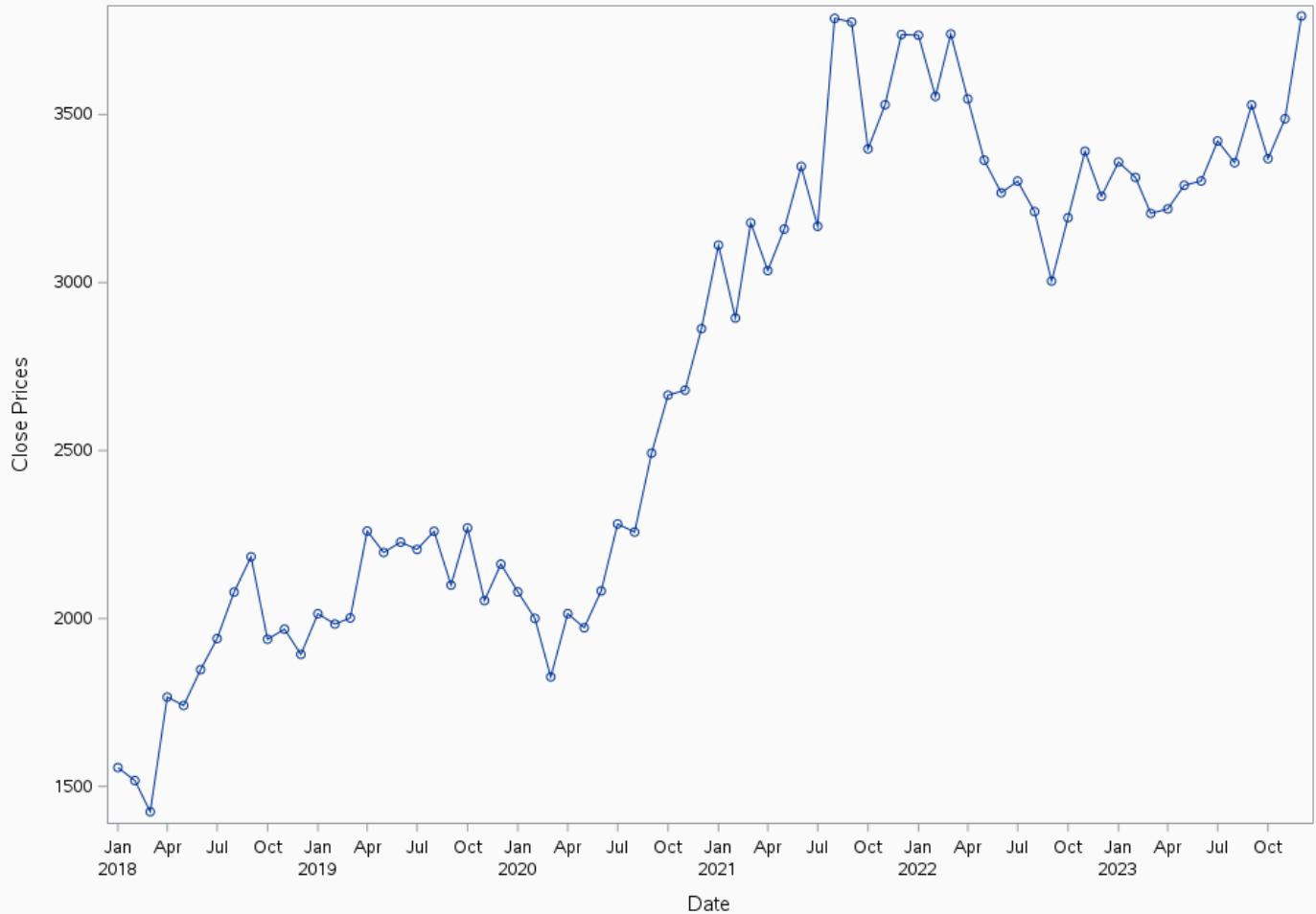
**Historical Closing Price Of The Stock
Name=OBEROI**

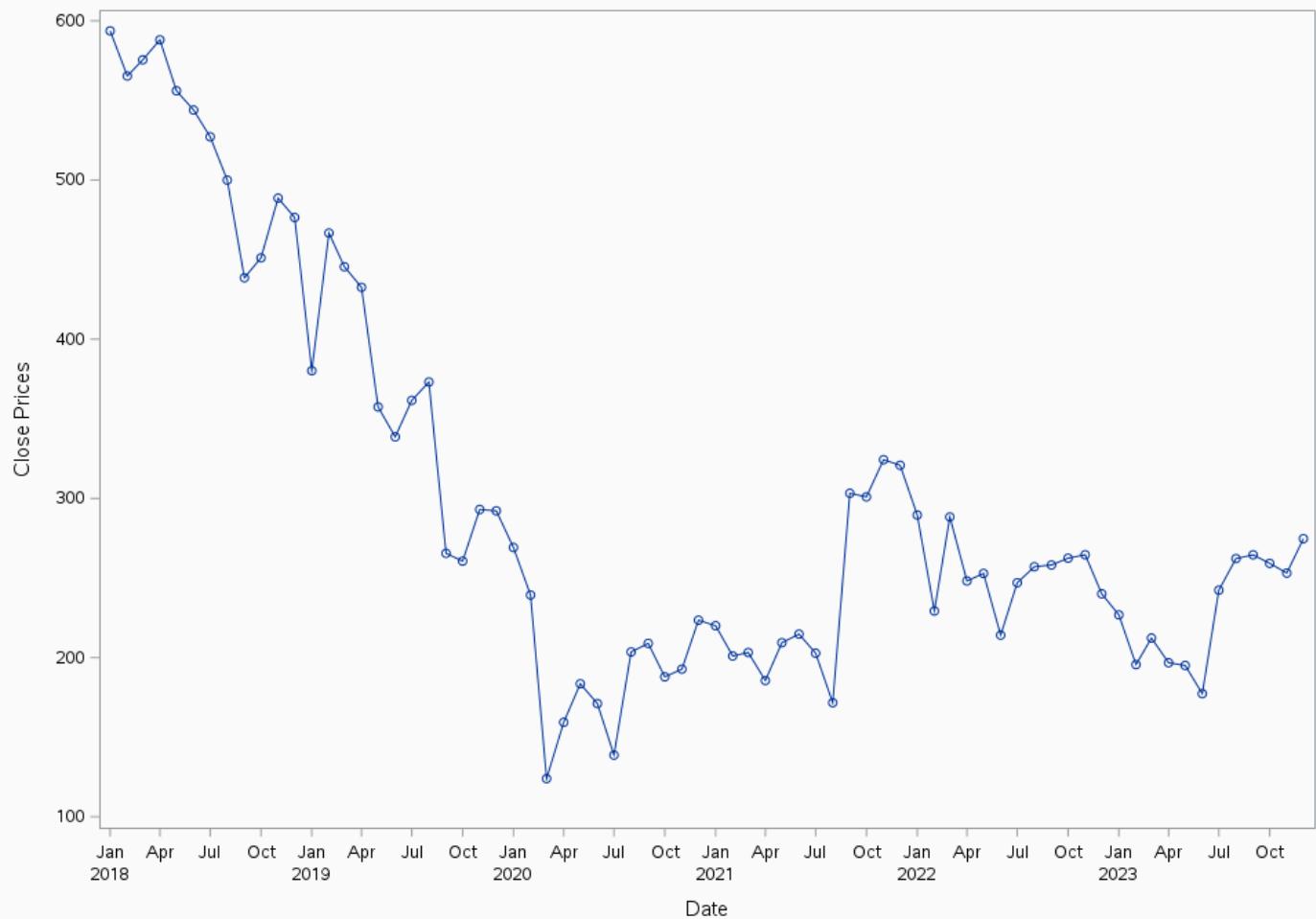
**Historical Closing Price Of The Stock
Name=RCOMMU**

**Historical Closing Price Of The Stock
Name=RINDUS**

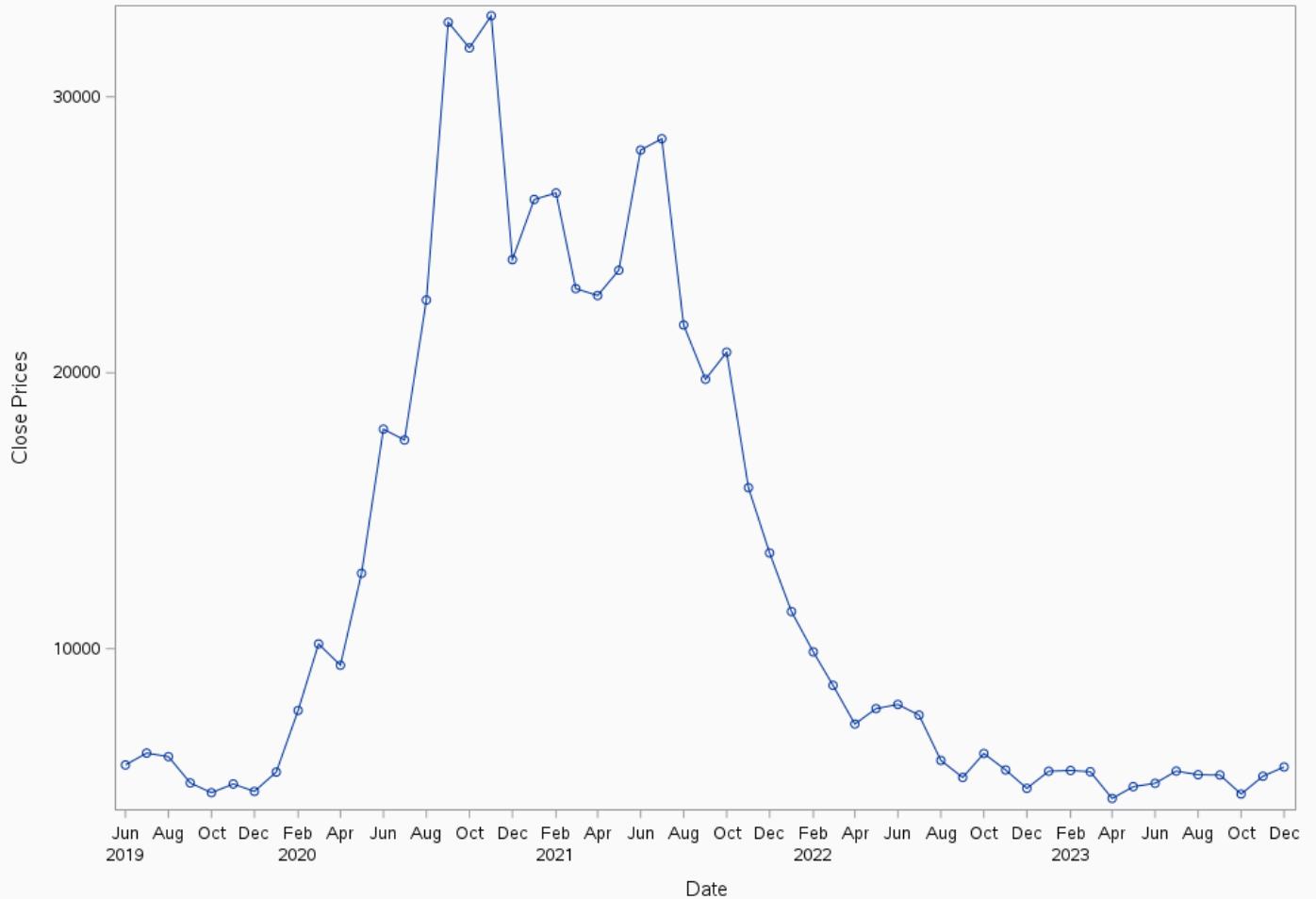
**Historical Closing Price Of The Stock
Name=SPICEJ**

**Historical Closing Price Of The Stock
Name=TAJGVK**

**Historical Closing Price Of The Stock
Name=TCS**

**Historical Closing Price Of The Stock
Name=ZEE**

Historical Closing Price Of The Stock Name=ZOOM



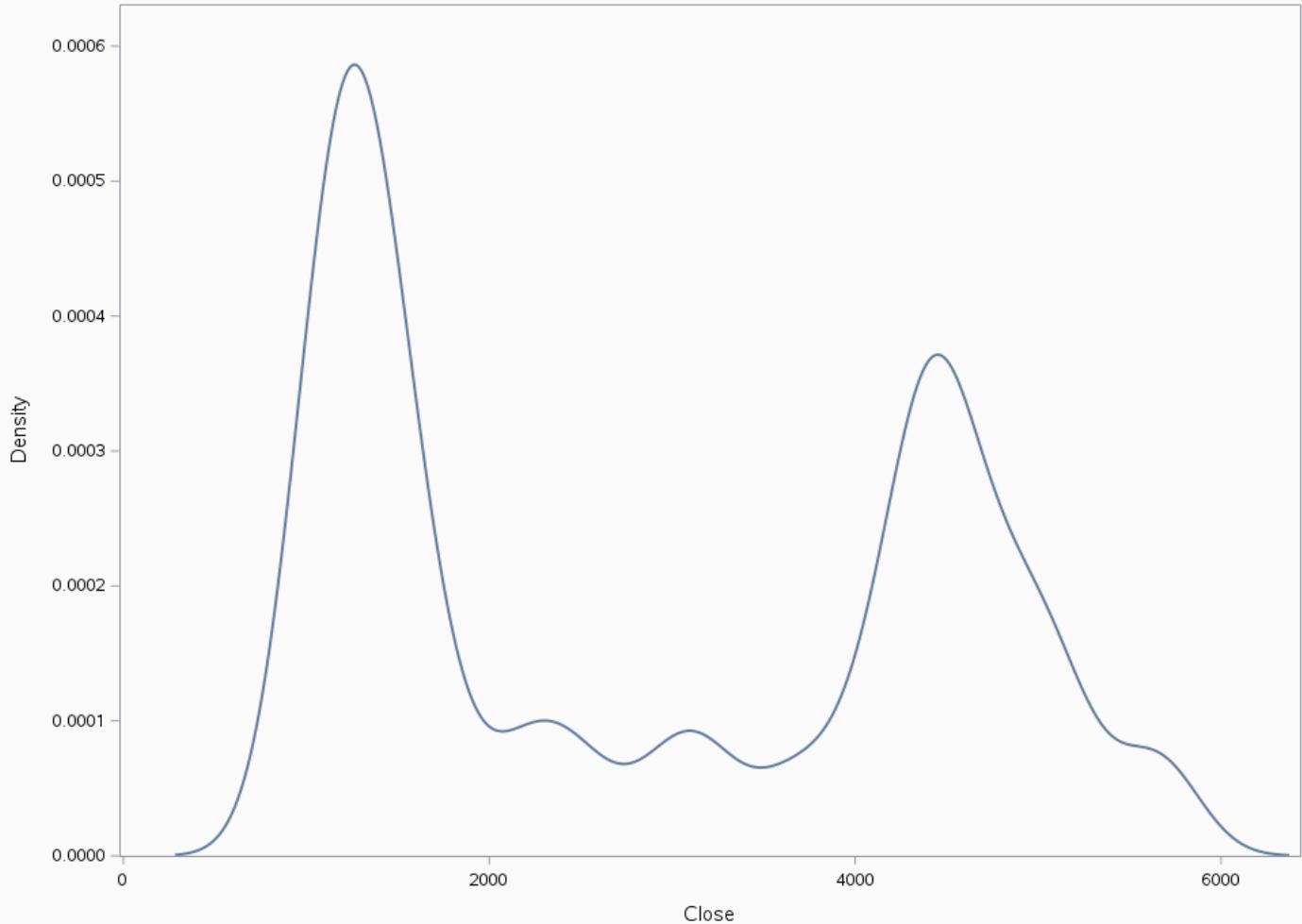
Historical Closing Price Of The Stock

The KDE Procedure

Name=APOLLO

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	281.85
Upper Grid Limit	6372.6
Bandwidth Multiplier	1

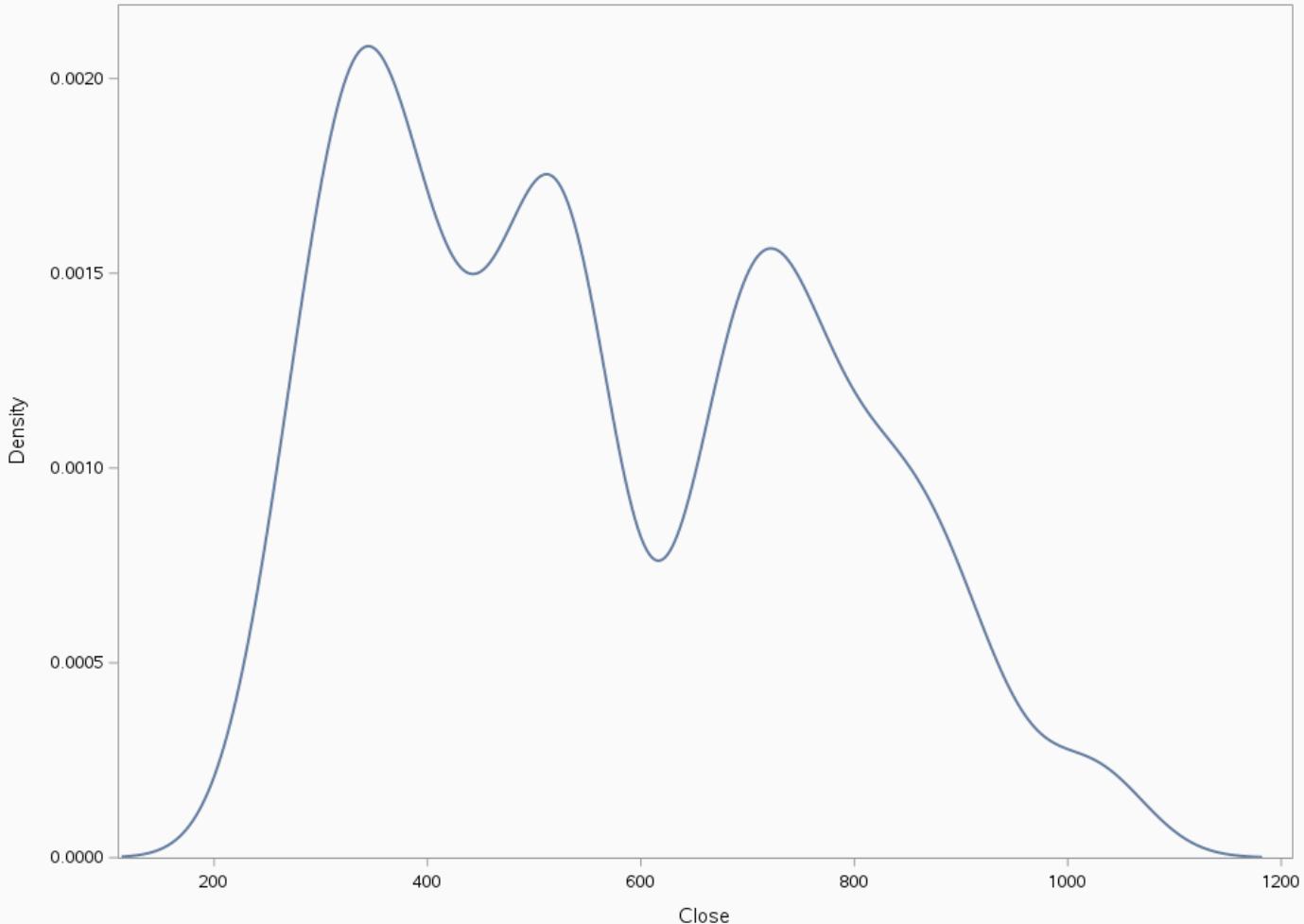
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=Airtel

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	113.34
Upper Grid Limit	1182.3
Bandwidth Multiplier	1

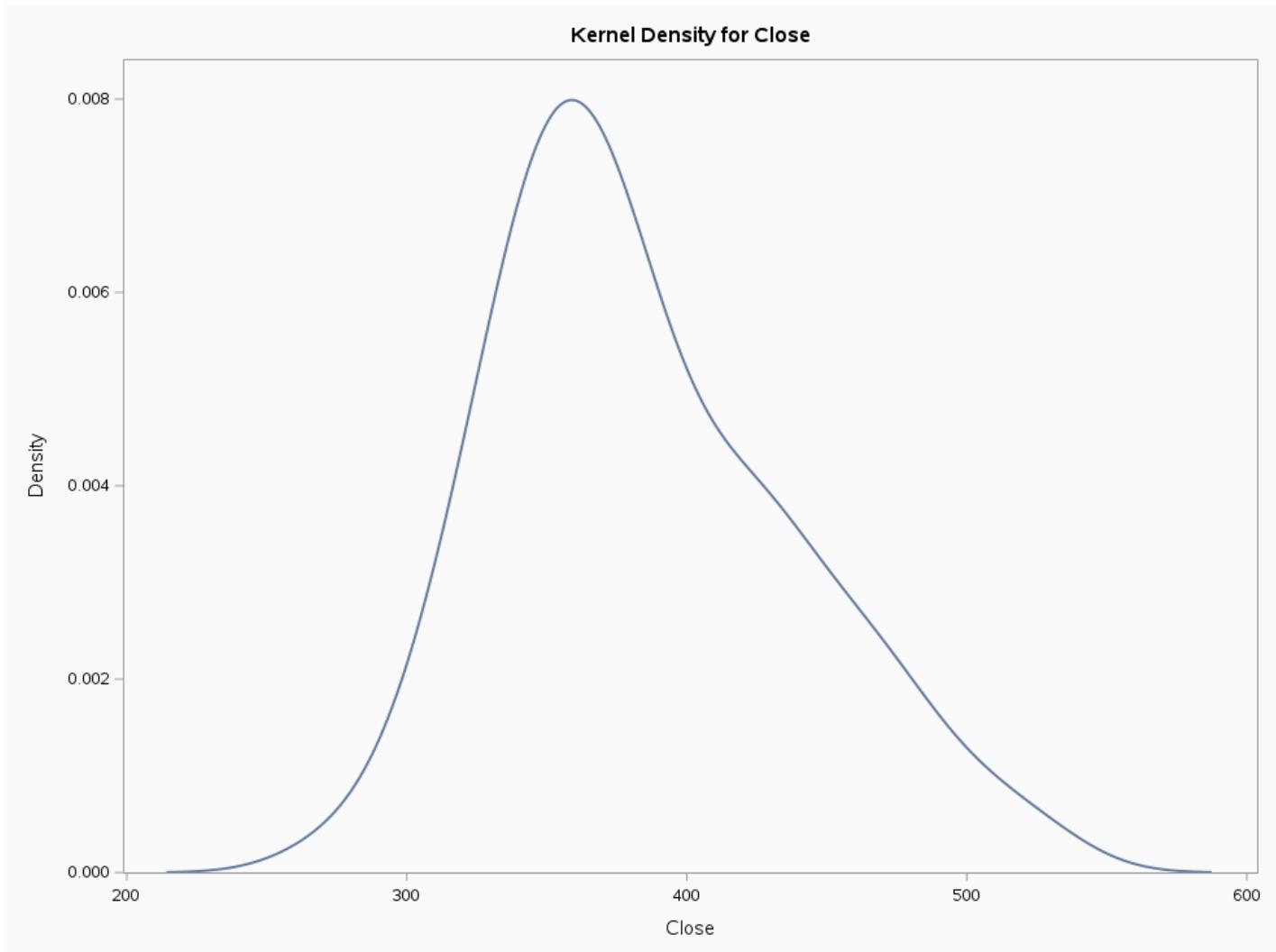
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=BPCL

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	214.19
Upper Grid Limit	587.51
Bandwidth Multiplier	1



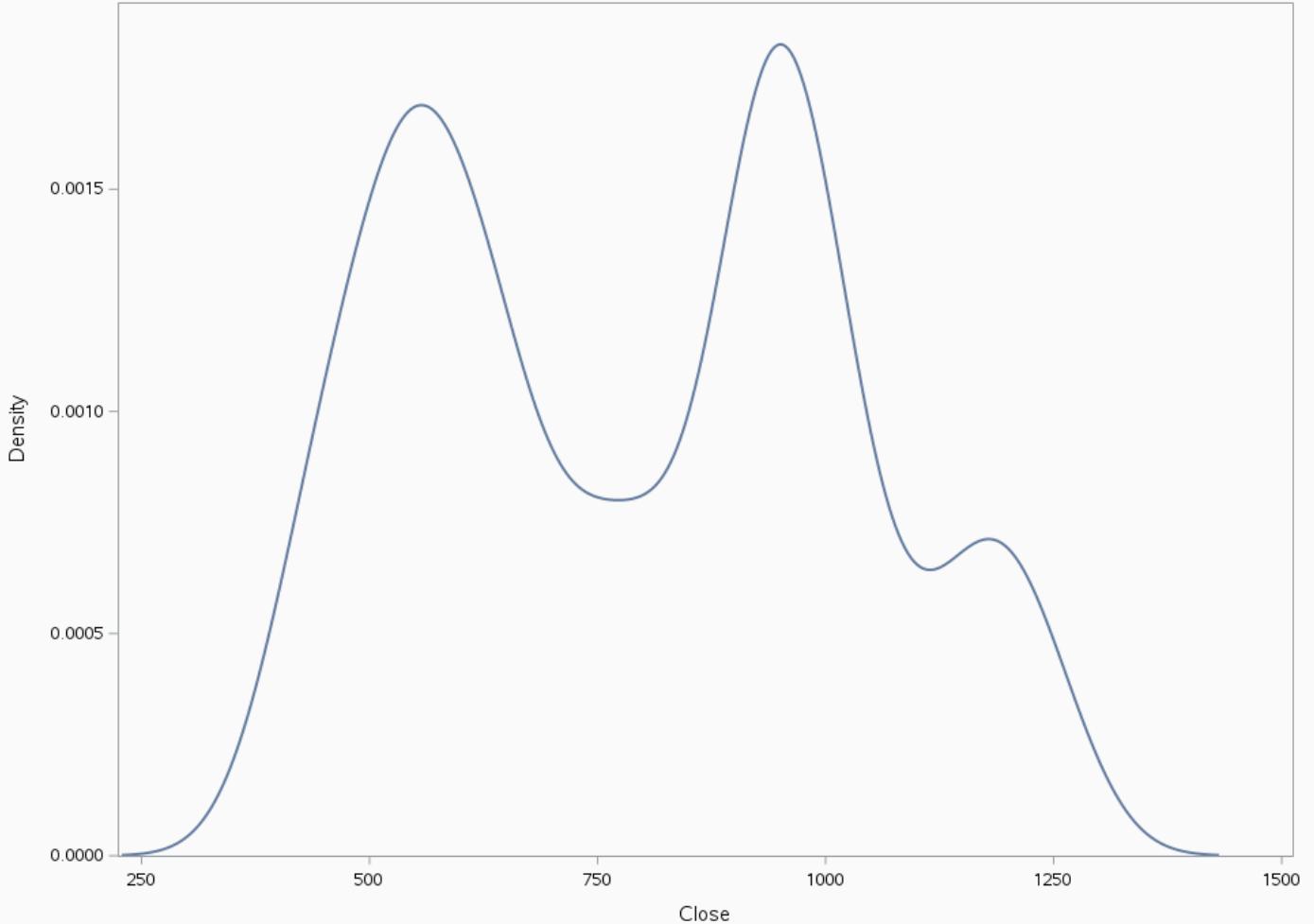
Historical Closing Price Of The Stock

The KDE Procedure

Name=CIPLA

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	228.33
Upper Grid Limit	1431.4
Bandwidth Multiplier	1

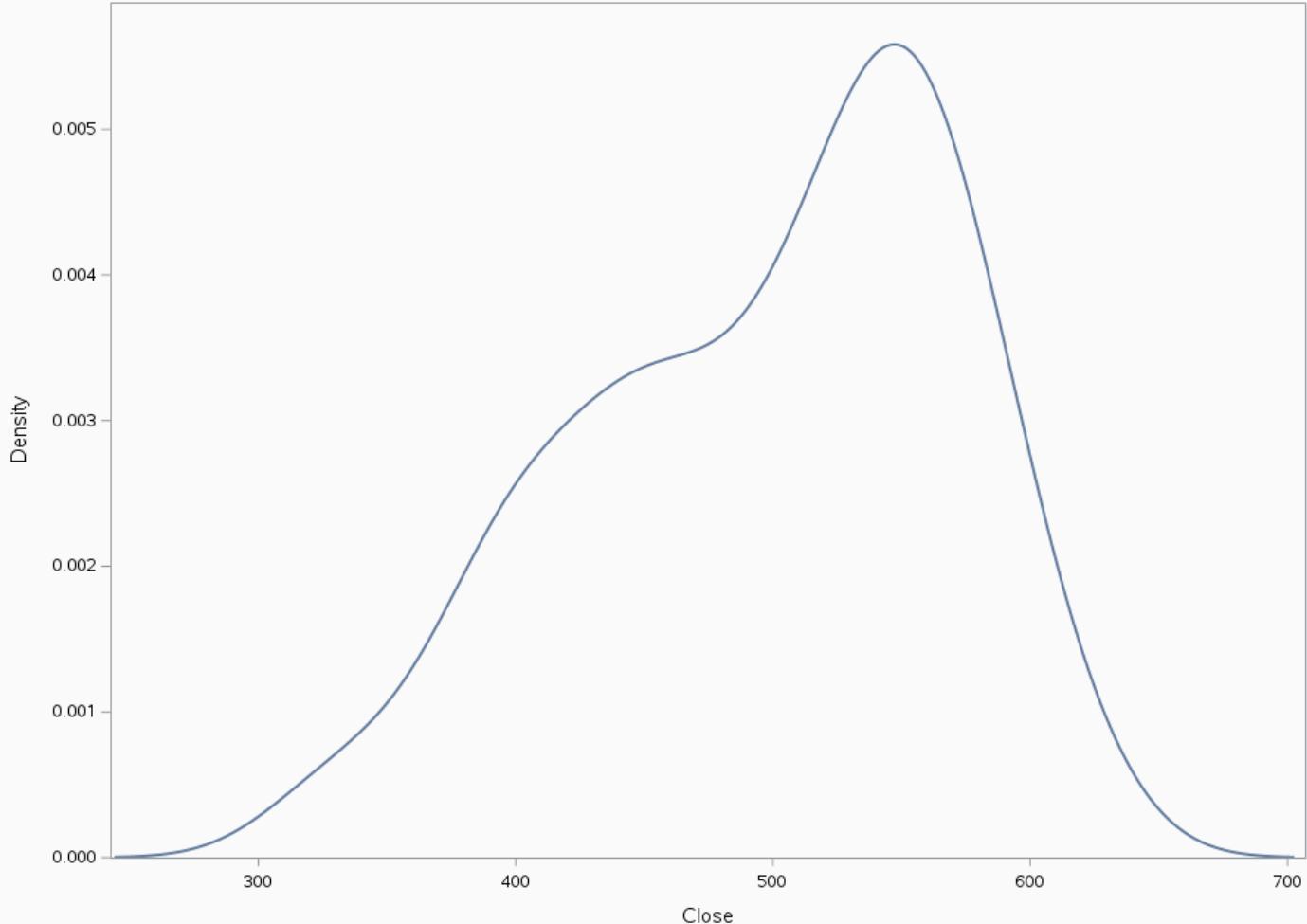
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=DABUR

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	243.99
Upper Grid Limit	702.56
Bandwidth Multiplier	1

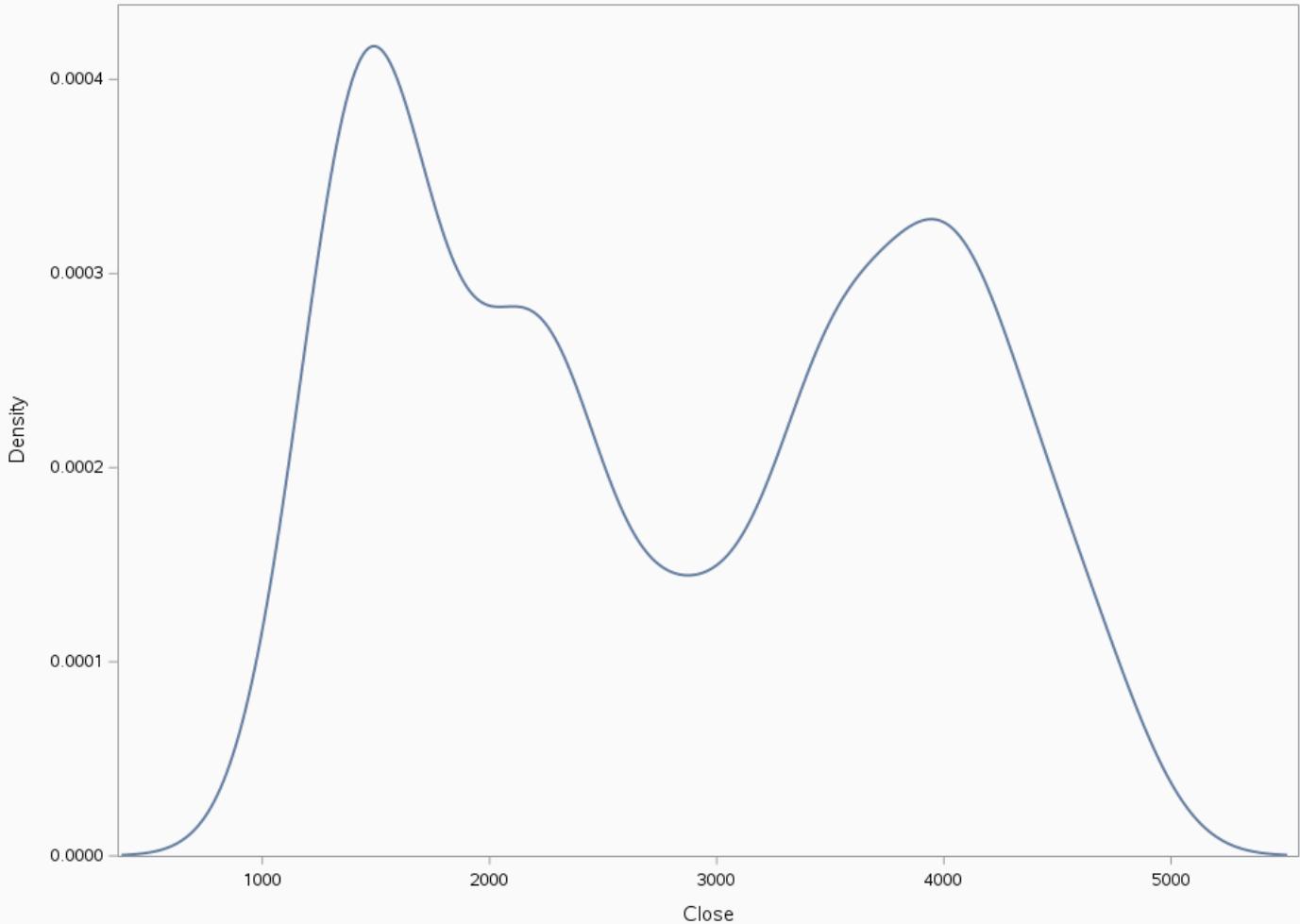
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=DMART

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	379.6
Upper Grid Limit	5510.9
Bandwidth Multiplier	1

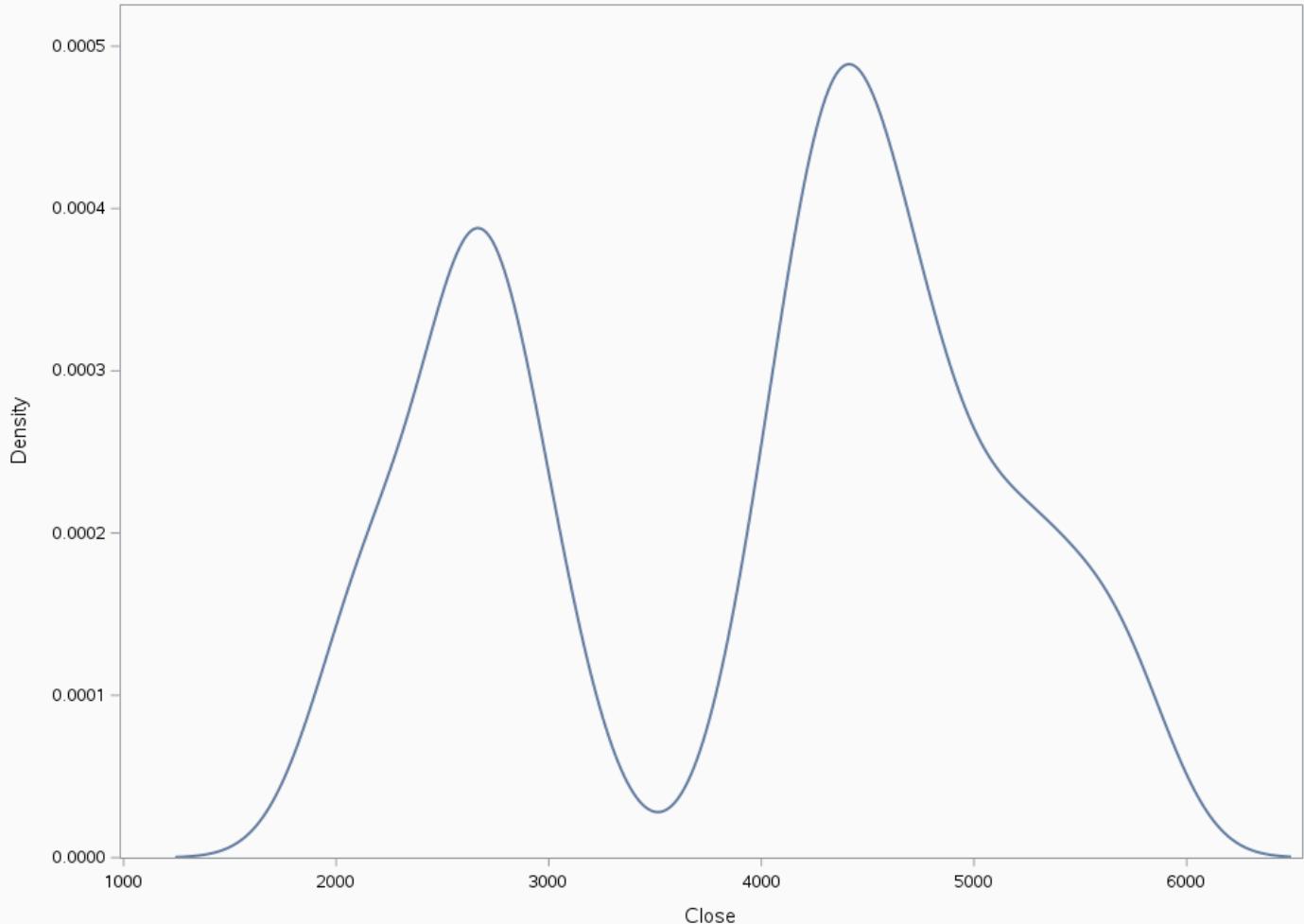
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=DRREDD

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	1242.8
Upper Grid Limit	6491.7
Bandwidth Multiplier	1

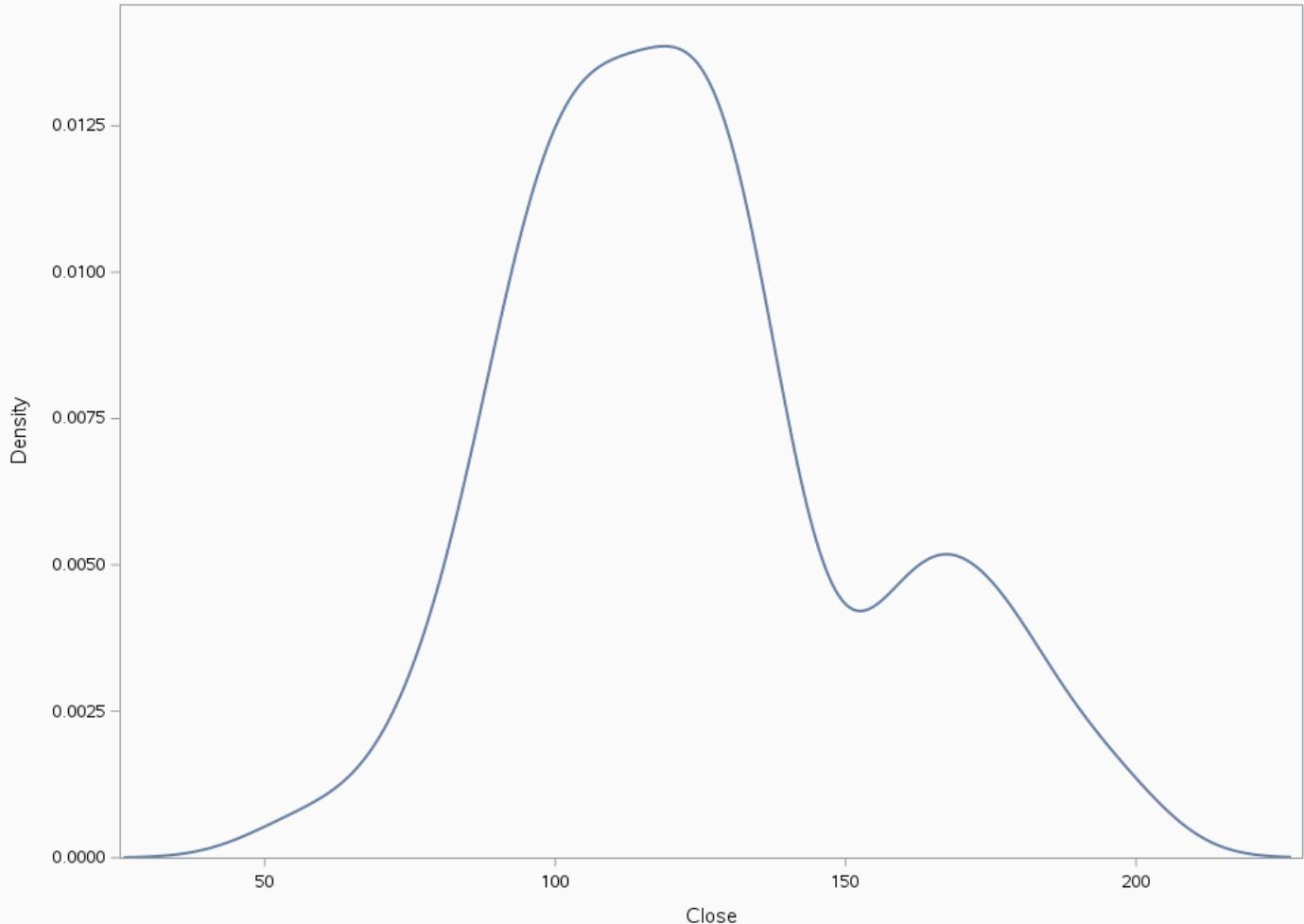
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=EXPEDI

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	25.68
Upper Grid Limit	226.7
Bandwidth Multiplier	1

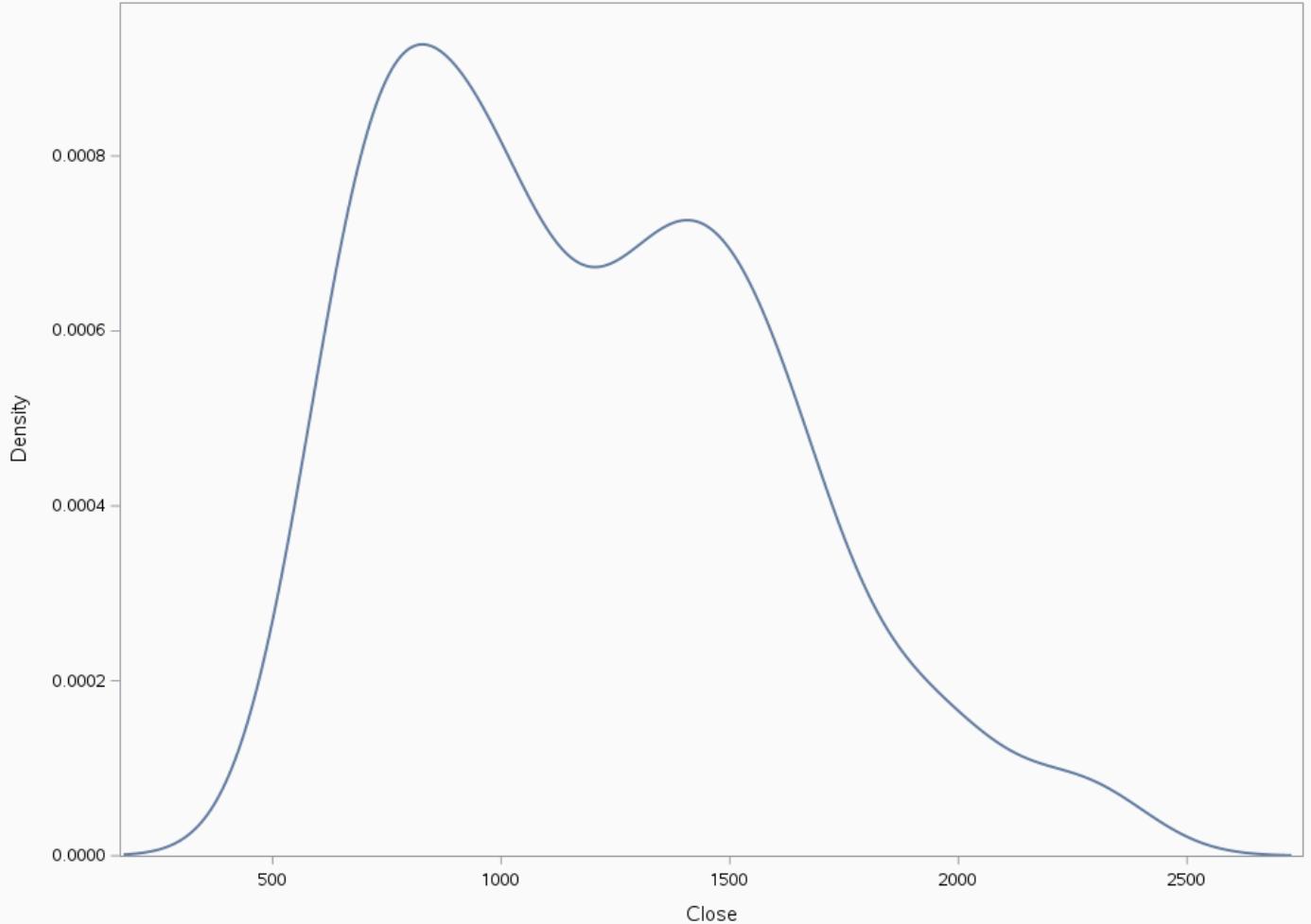
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=GODREJ

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	174.1
Upper Grid Limit	2728.7
Bandwidth Multiplier	1

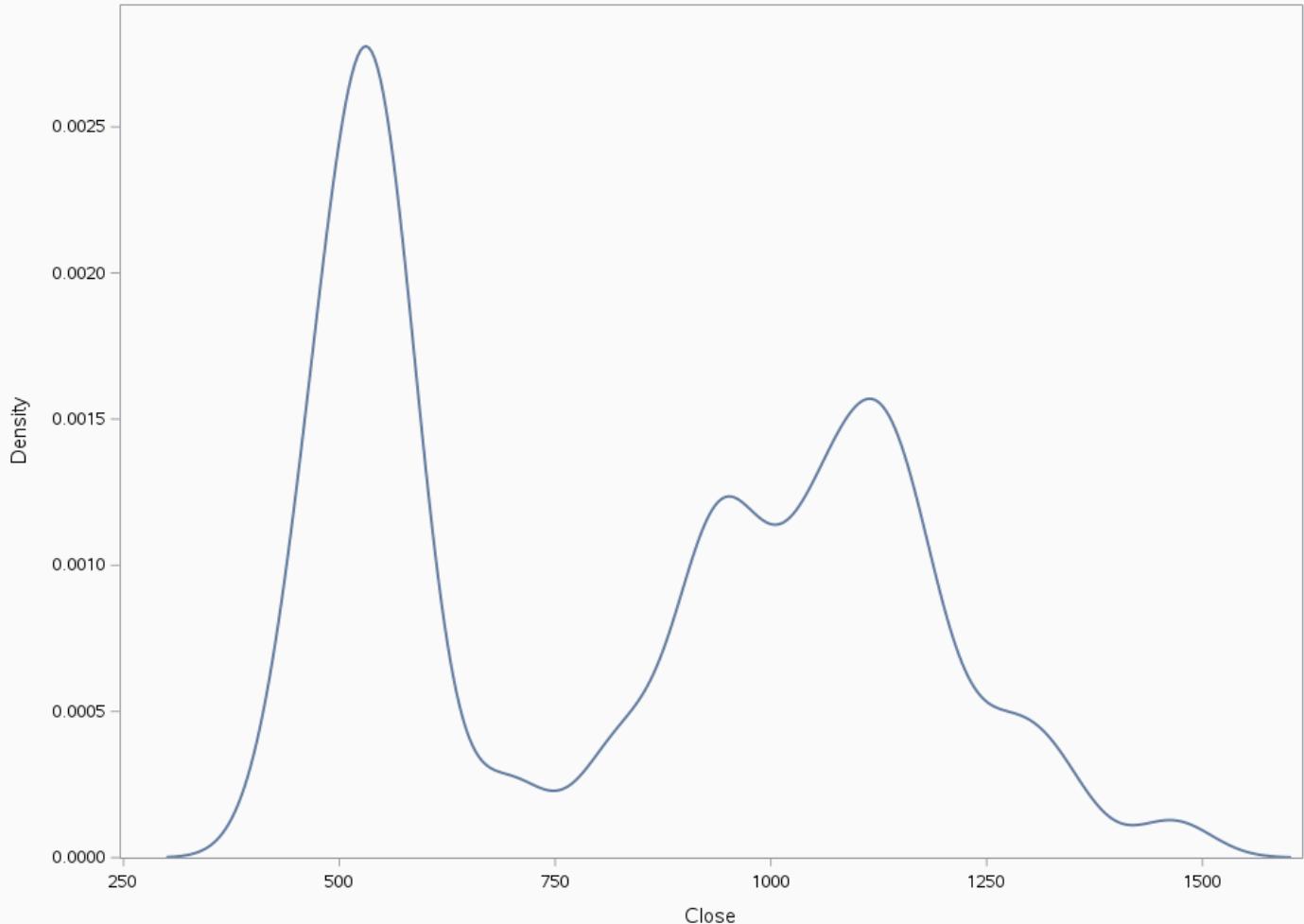
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=HCLTEC

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	299.64
Upper Grid Limit	1602.9
Bandwidth Multiplier	1

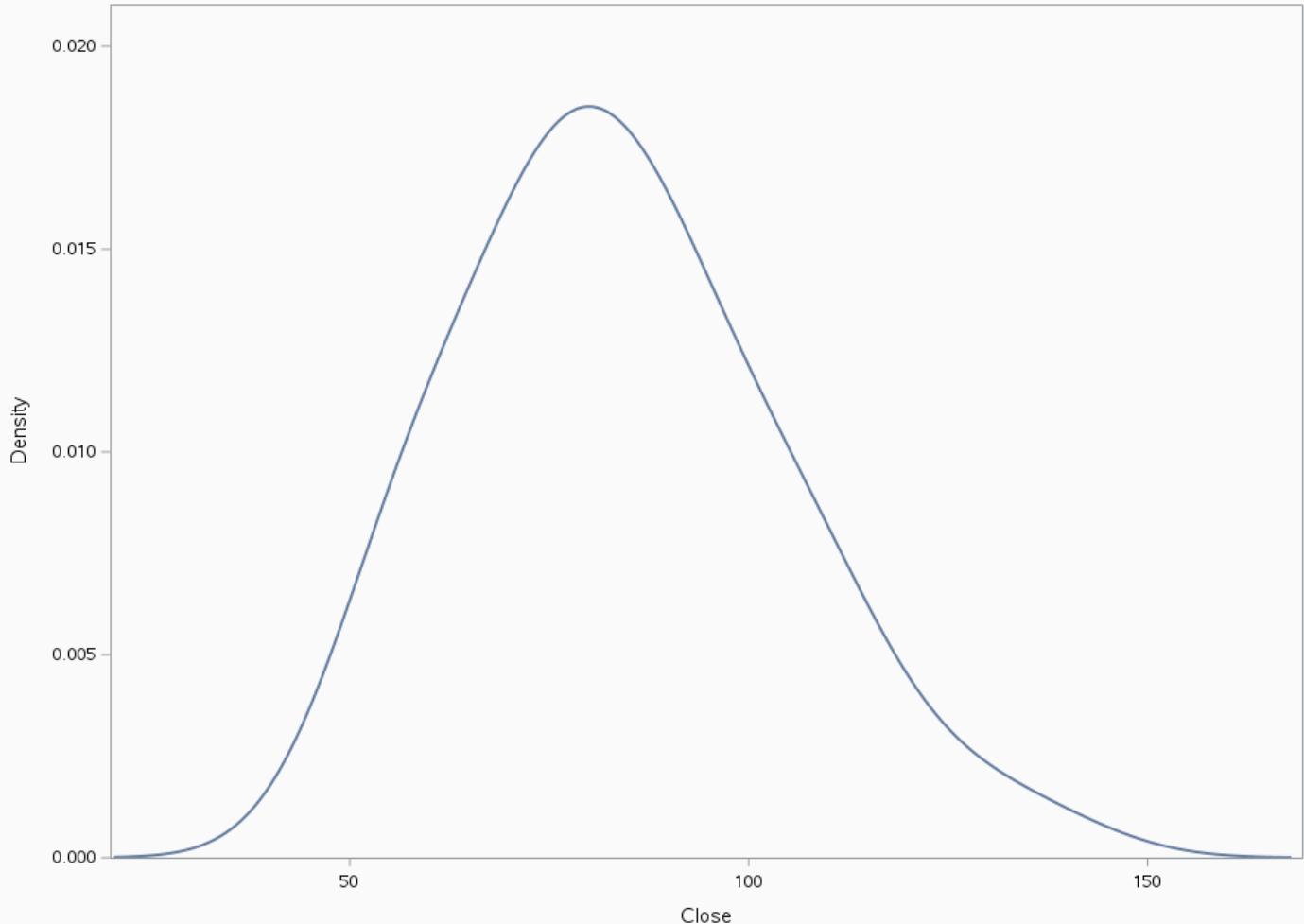
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=INDIAN

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	20.46
Upper Grid Limit	168.01
Bandwidth Multiplier	1

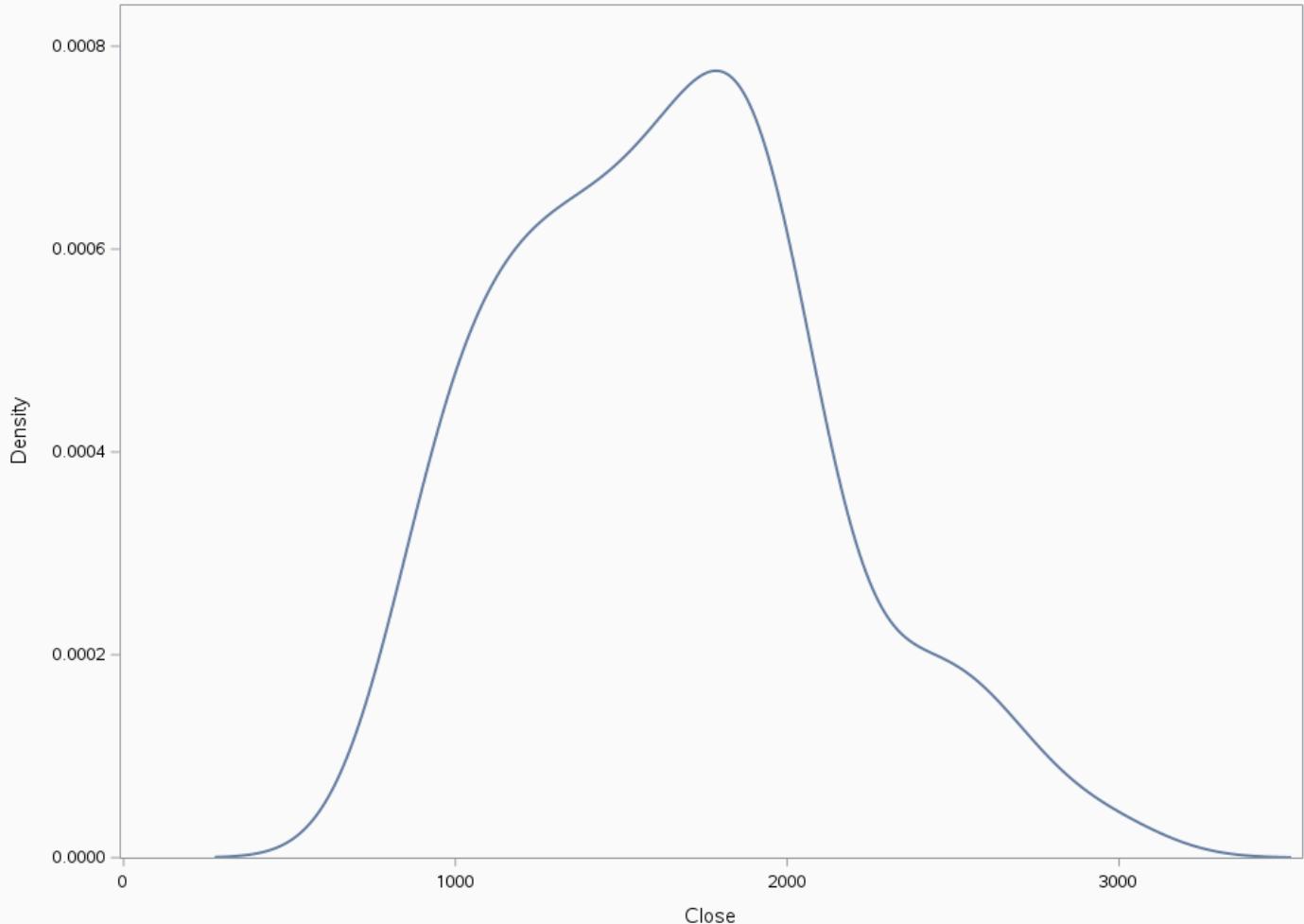
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=INDIGO

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	274.12
Upper Grid Limit	3519.1
Bandwidth Multiplier	1

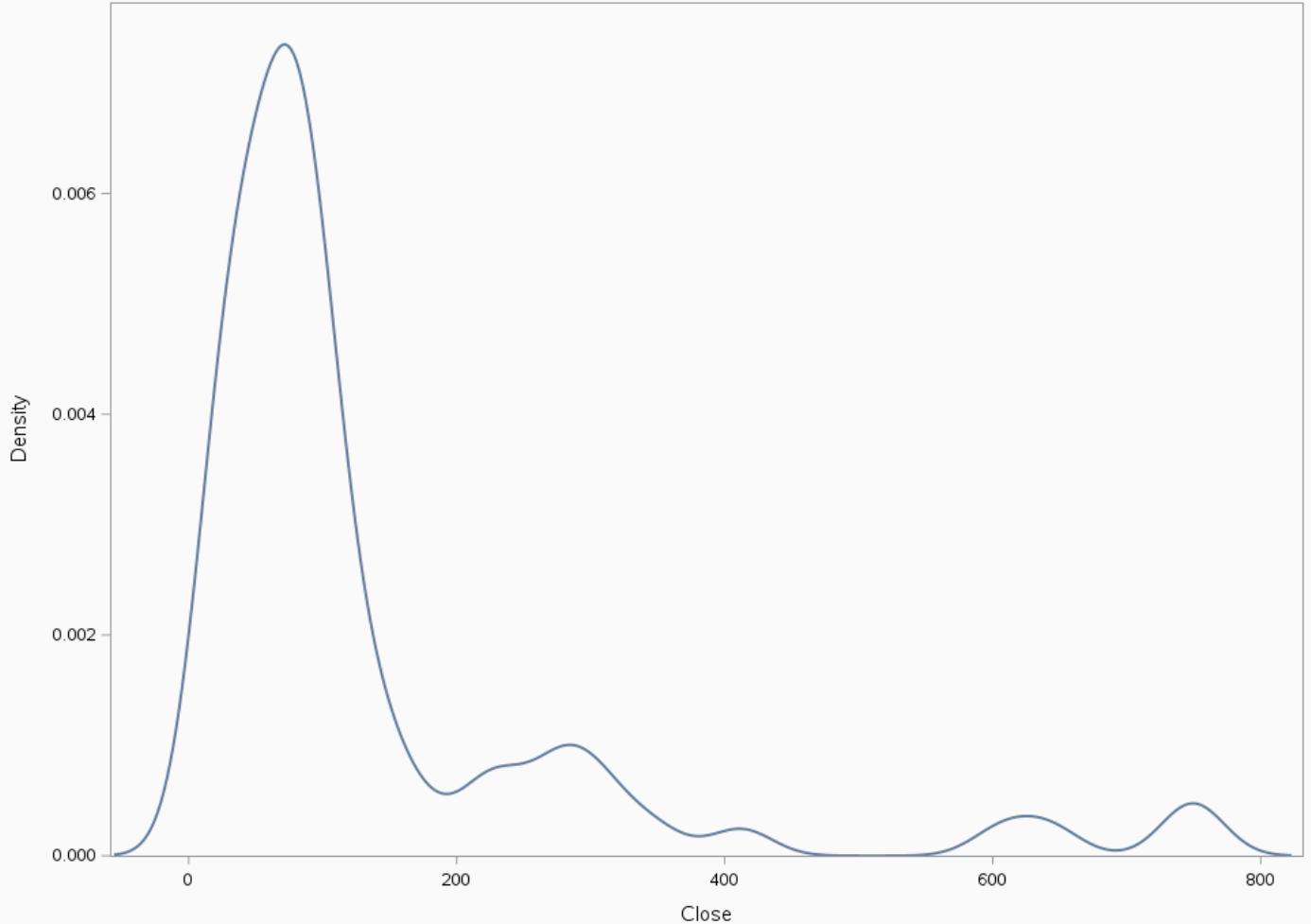
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=JETAIR

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	-55.73
Upper Grid Limit	823.03
Bandwidth Multiplier	1

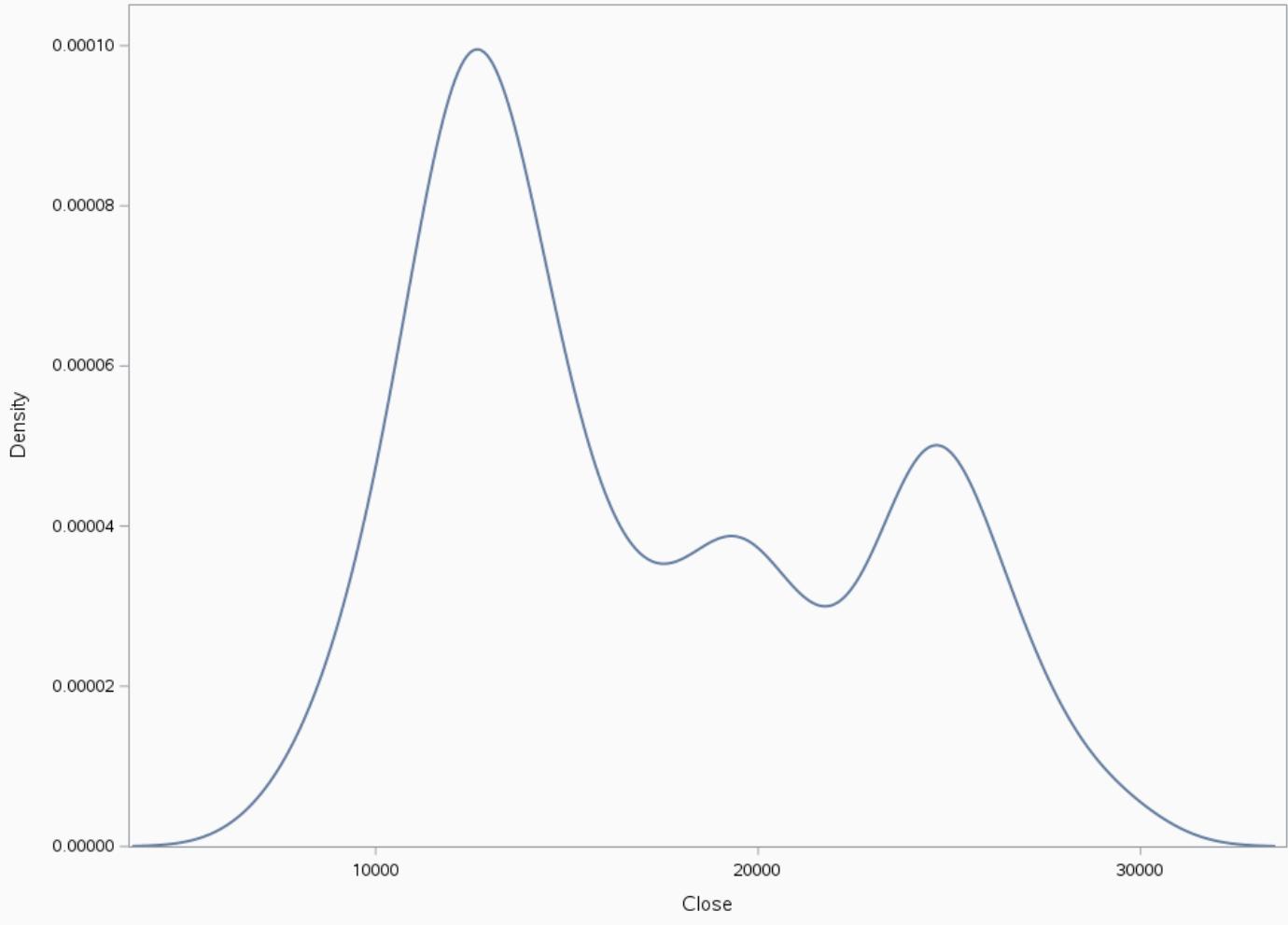
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=META

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	71
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	3635.5
Upper Grid Limit	33521
Bandwidth Multiplier	1

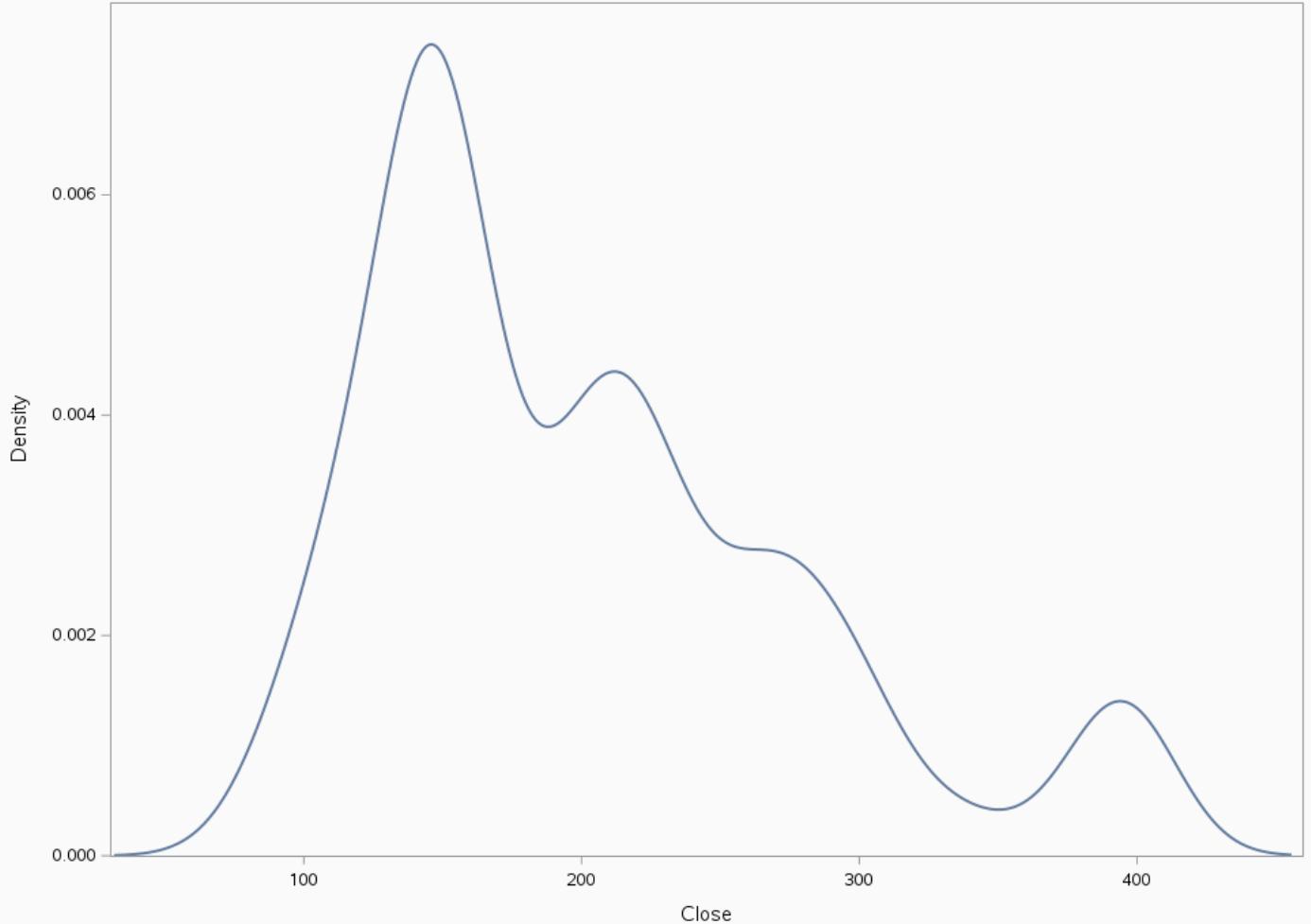
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=MHRIL

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	31.695
Upper Grid Limit	455.64
Bandwidth Multiplier	1

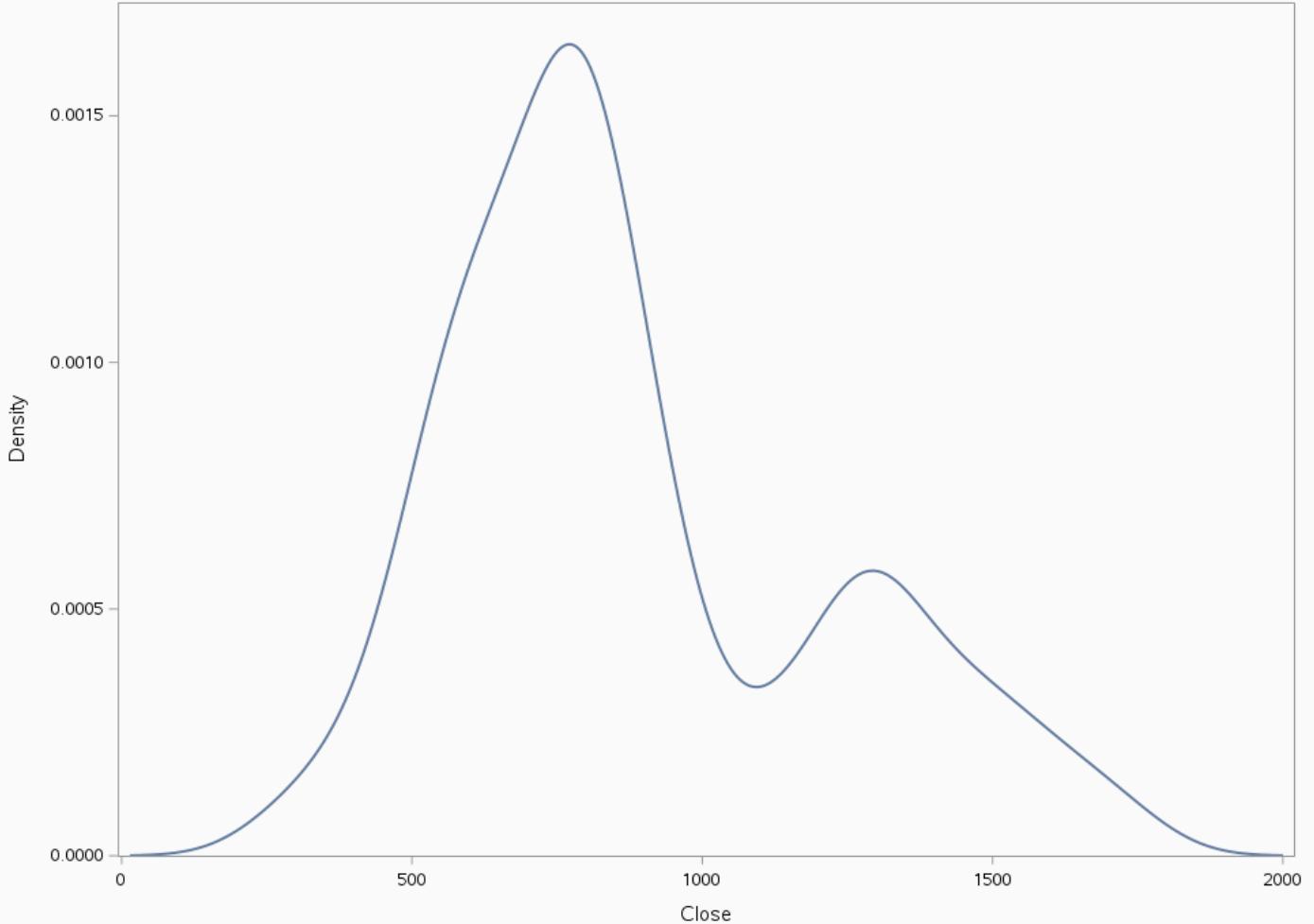
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=MM

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	14.116
Upper Grid Limit	2000.2
Bandwidth Multiplier	1

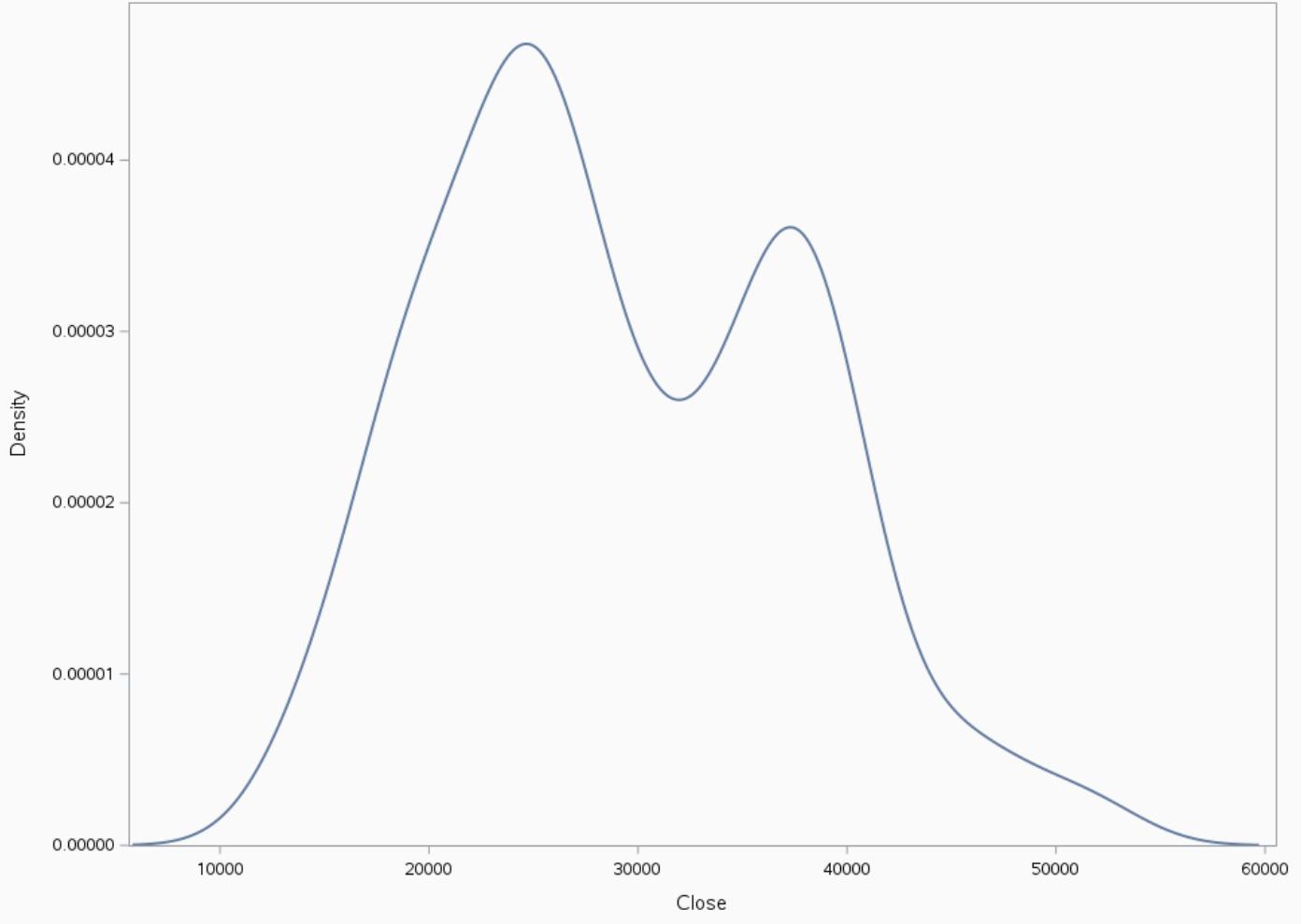
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=NFLX

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	5809.6
Upper Grid Limit	59711
Bandwidth Multiplier	1

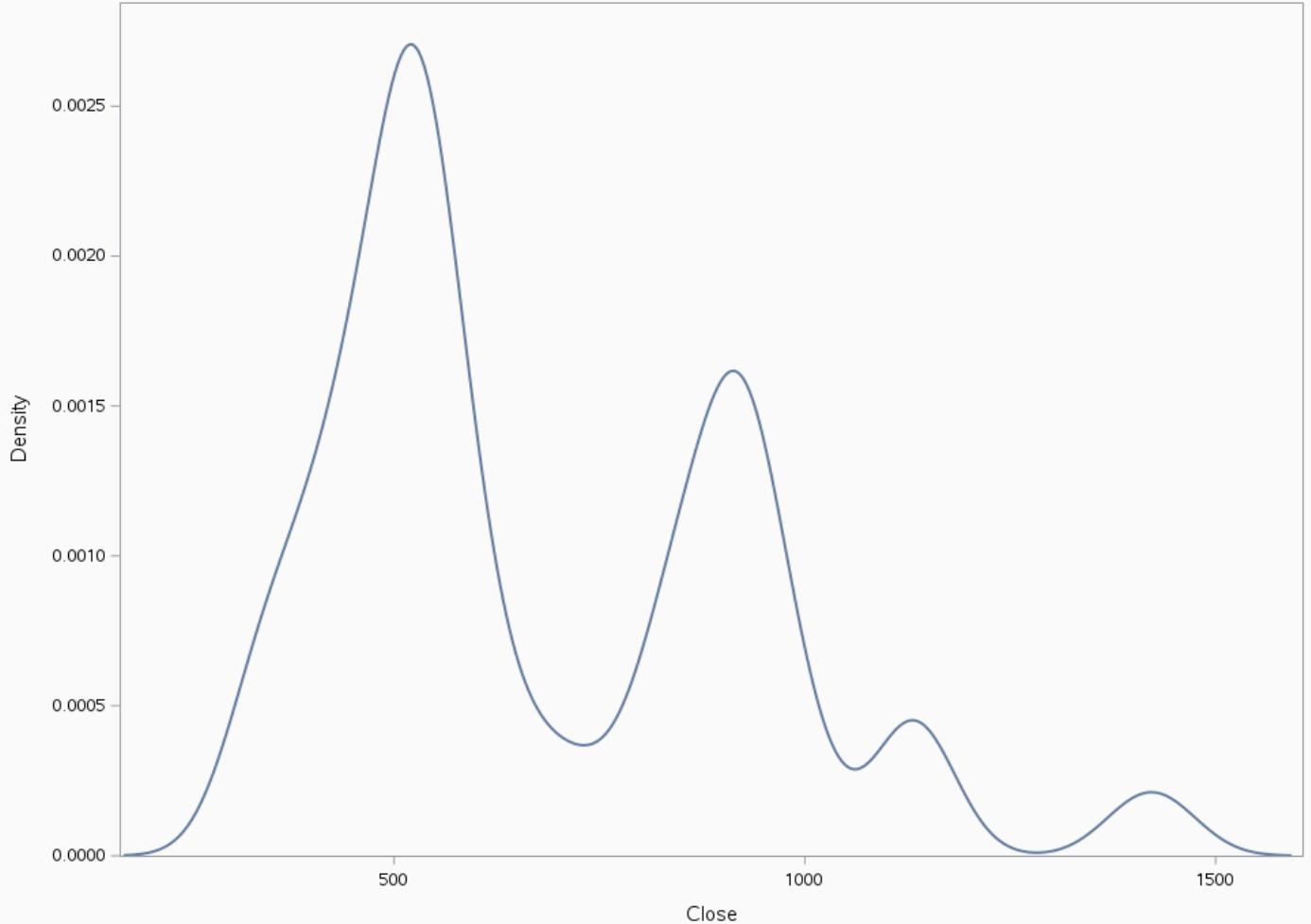
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=OBEROI

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	170.58
Upper Grid Limit	1592.6
Bandwidth Multiplier	1

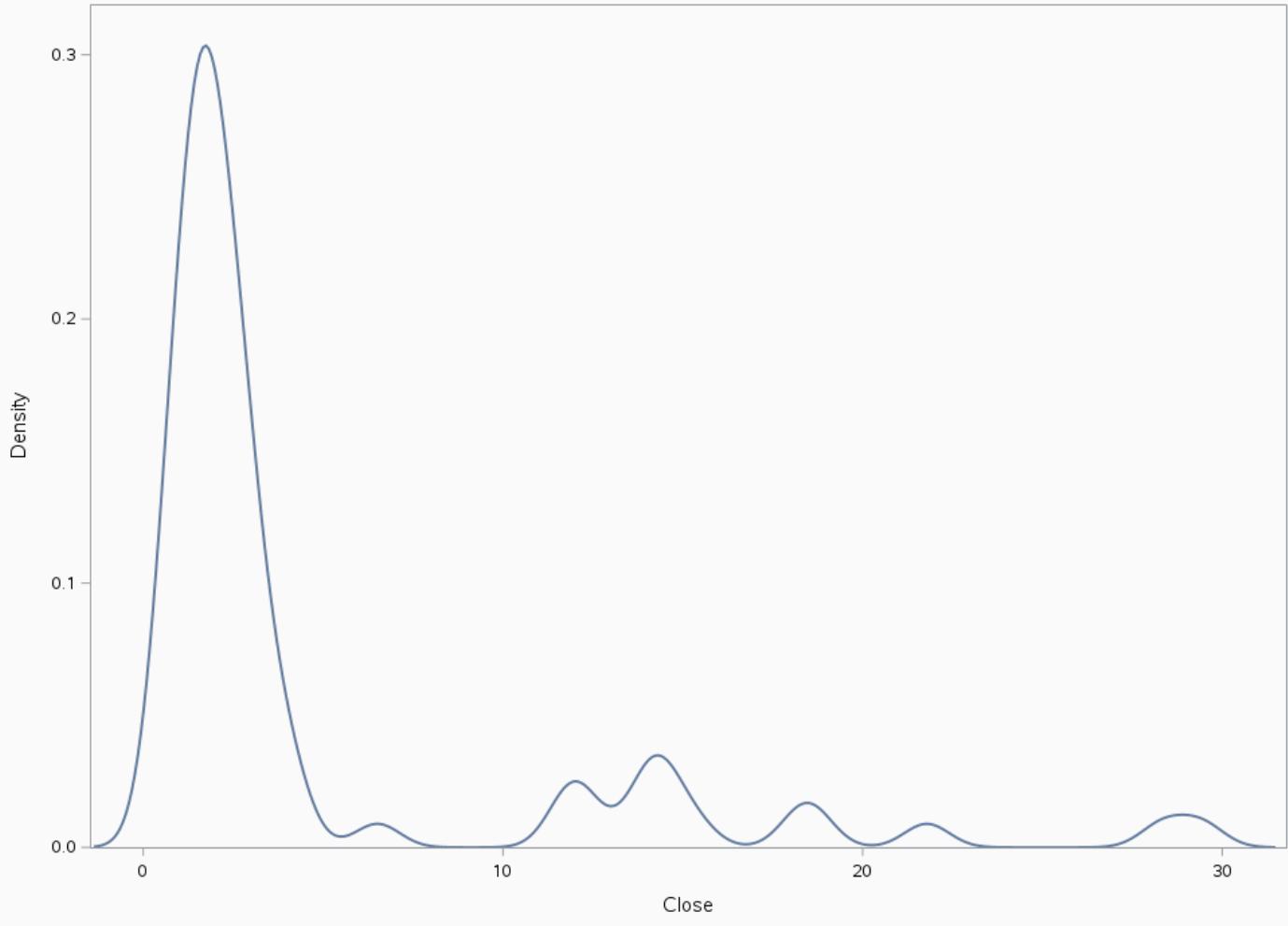
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=RCOMMU

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	-1.375
Upper Grid Limit	31.475
Bandwidth Multiplier	1

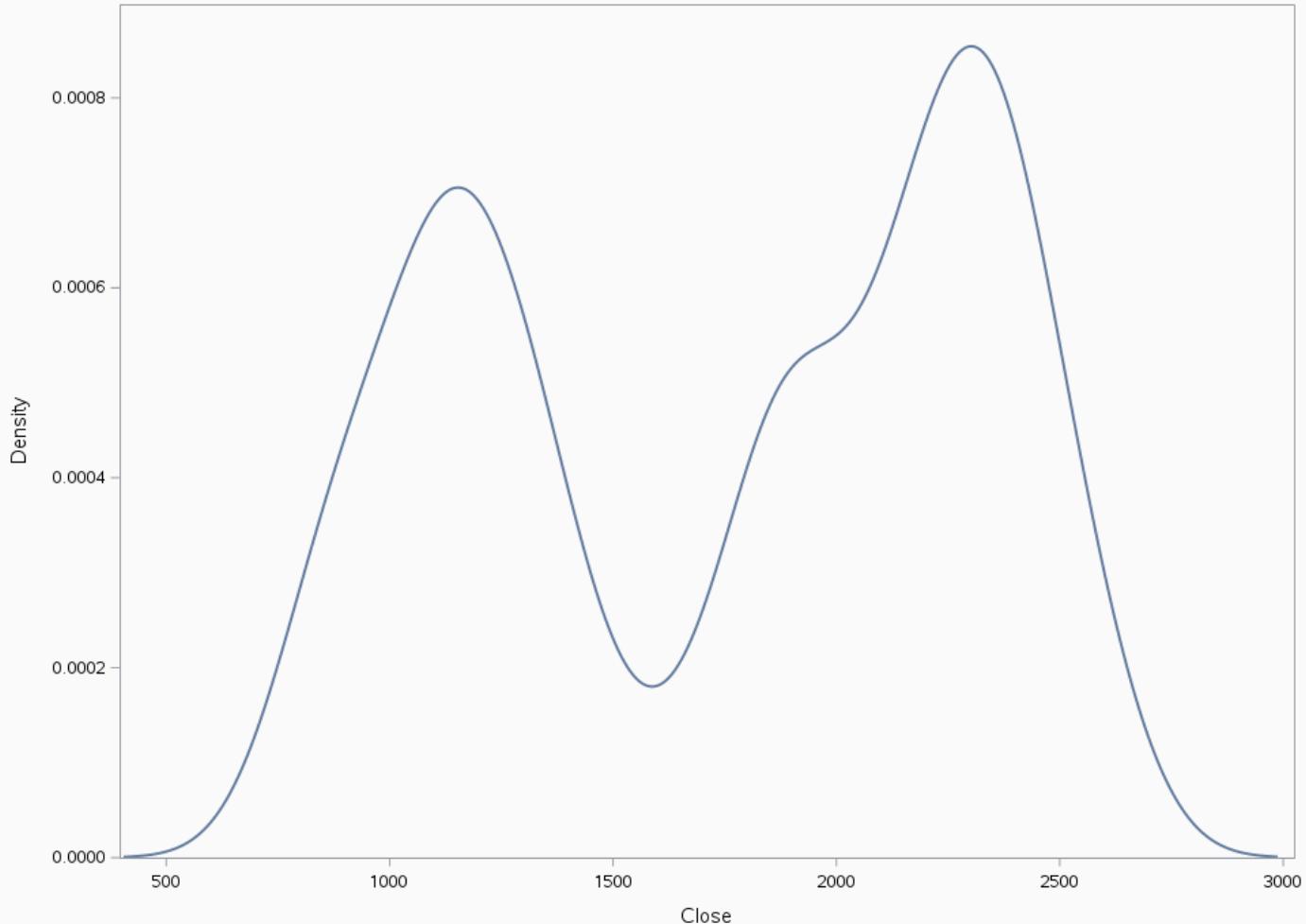
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=RINDUS

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	404.28
Upper Grid Limit	2987.7
Bandwidth Multiplier	1

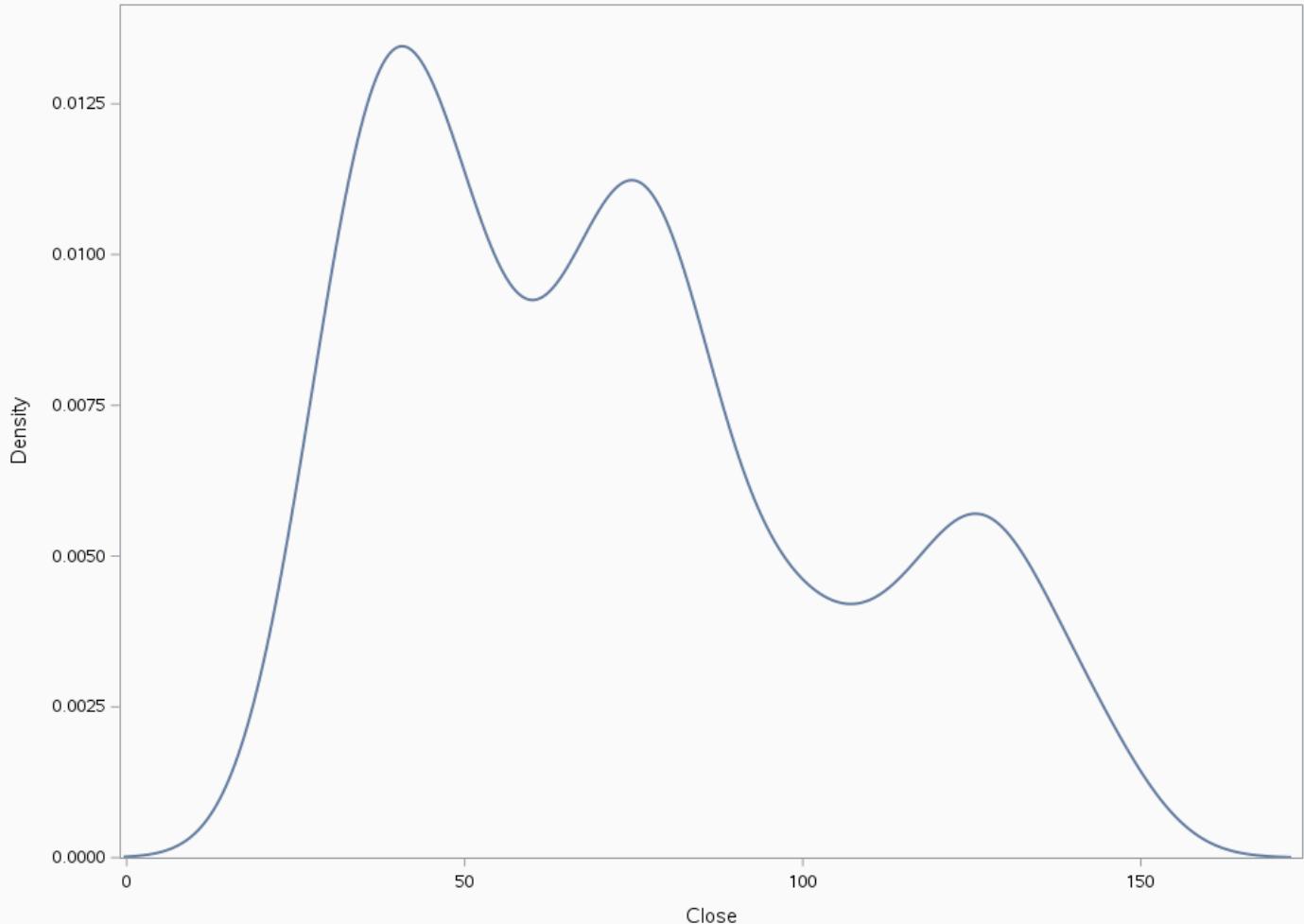
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=SPICEJ

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	-0.446
Upper Grid Limit	172.23
Bandwidth Multiplier	1

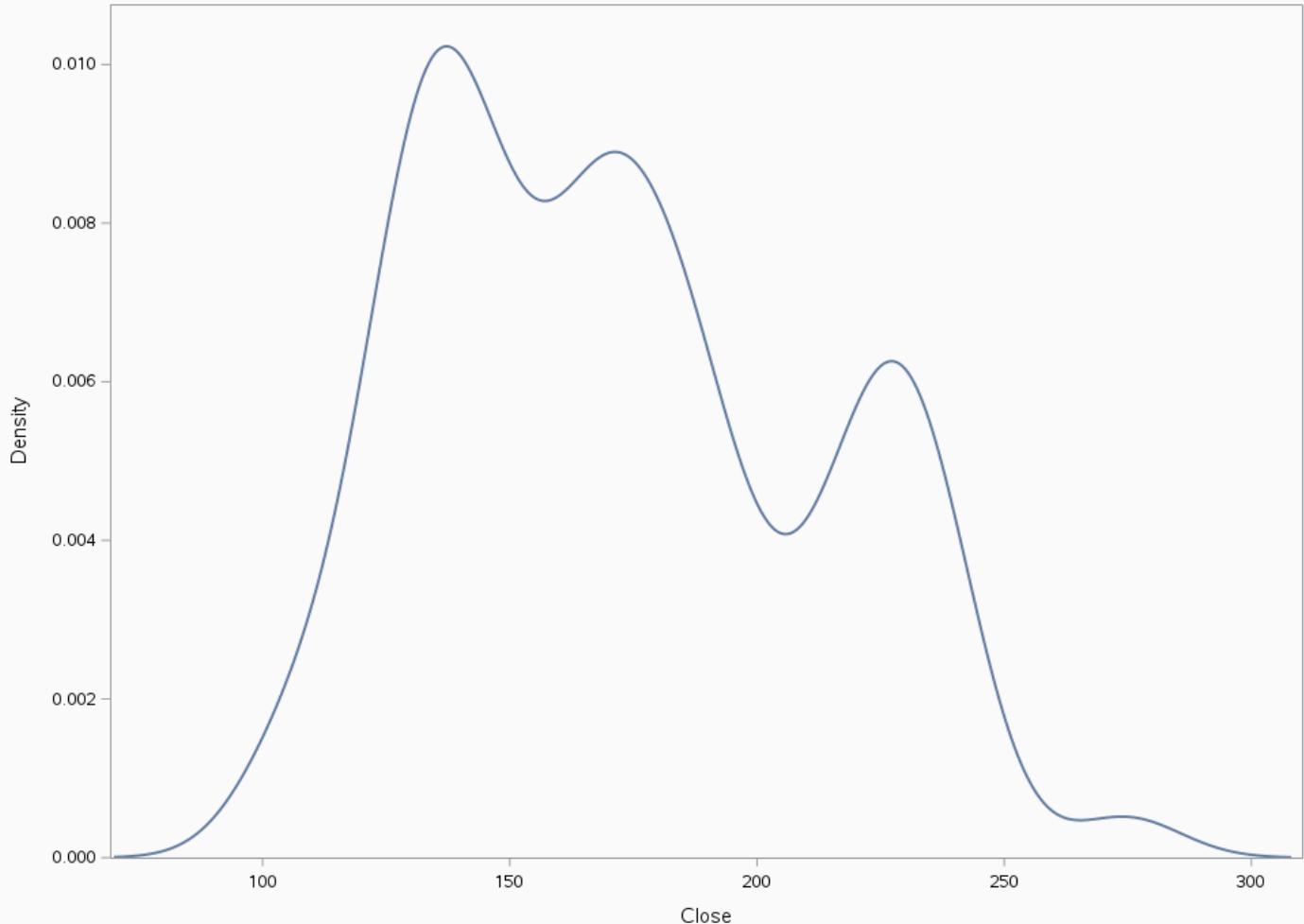
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=TAJGVK

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	69.963
Upper Grid Limit	308.04
Bandwidth Multiplier	1

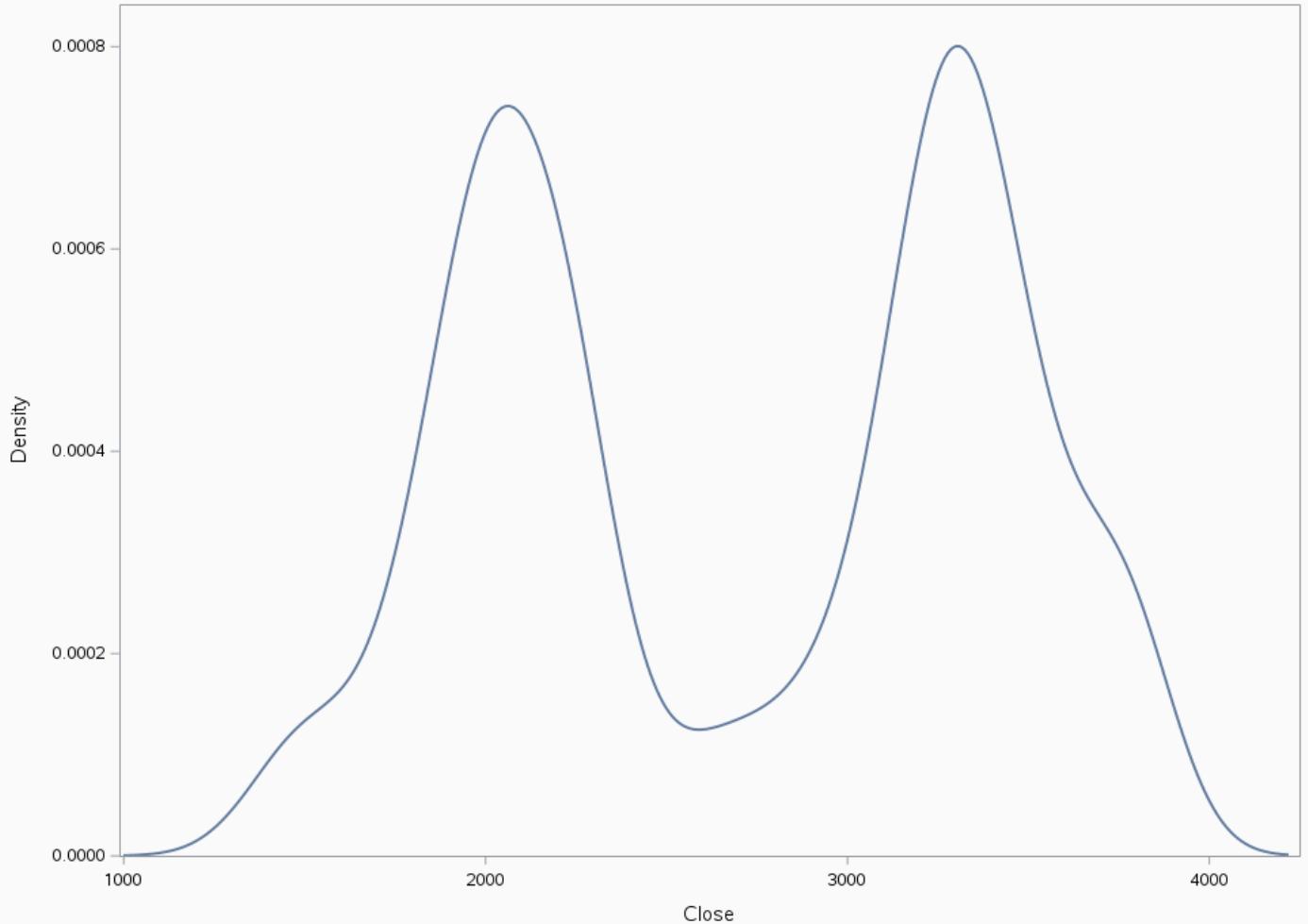
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=TCS

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	998.93
Upper Grid Limit	4219
Bandwidth Multiplier	1

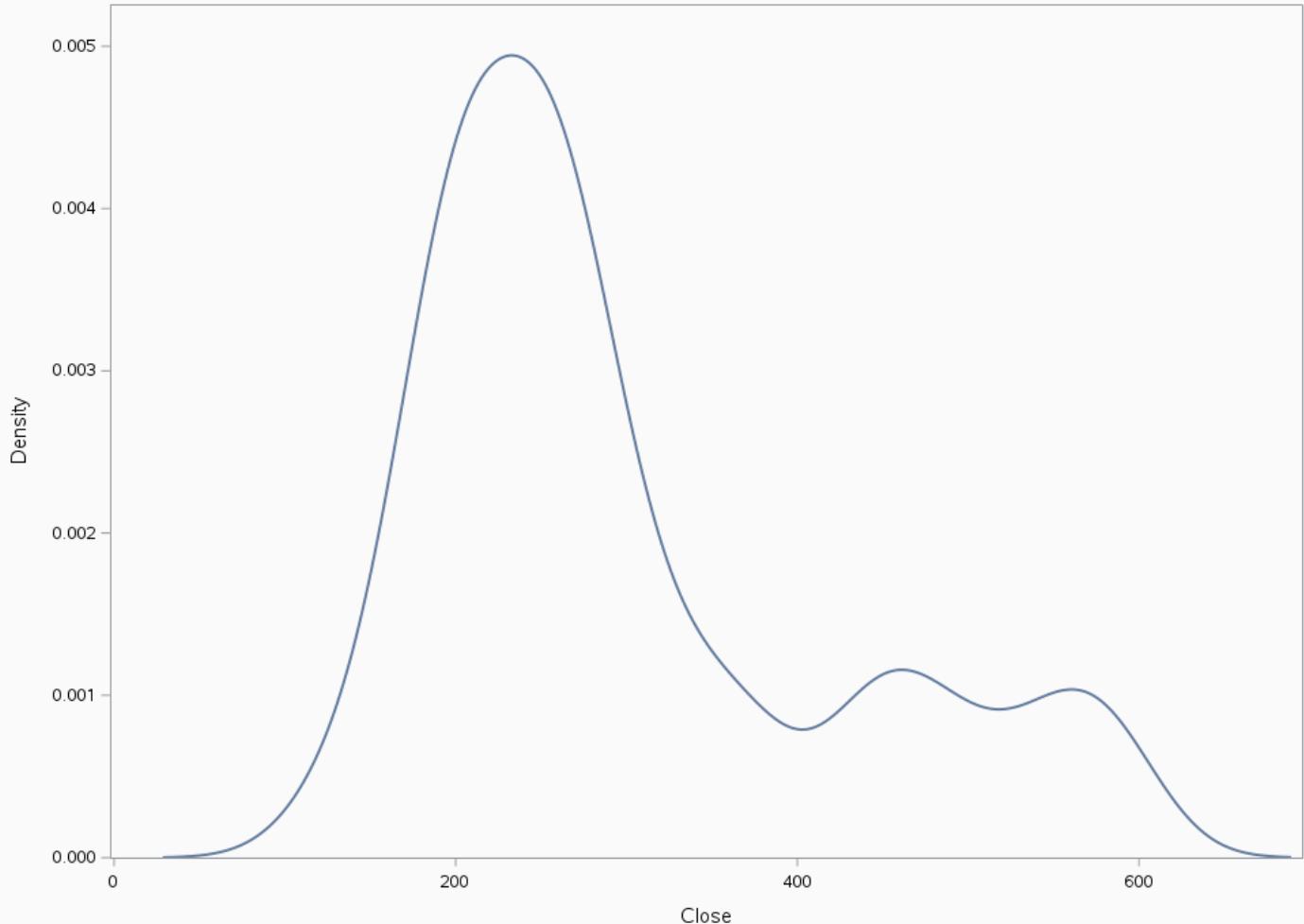
Kernel Density for Close**Historical Closing Price Of The Stock**

The KDE Procedure

Name=ZEEL

Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	72
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

Controls	
	Close
Grid Points	401
Lower Grid Limit	28.532
Upper Grid Limit	689.12
Bandwidth Multiplier	1

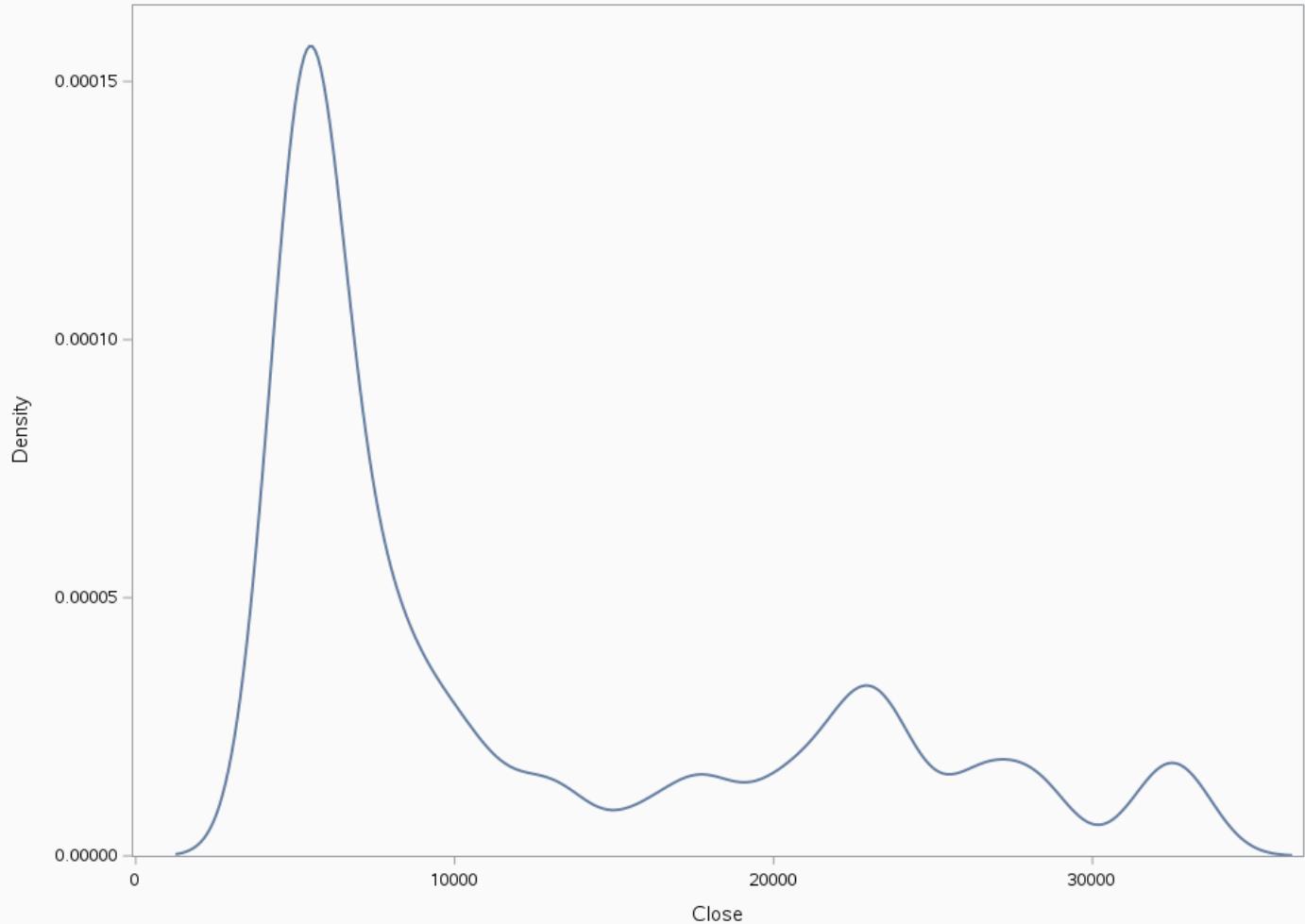
Kernel Density for Close**Historical Closing Price Of The Stock**

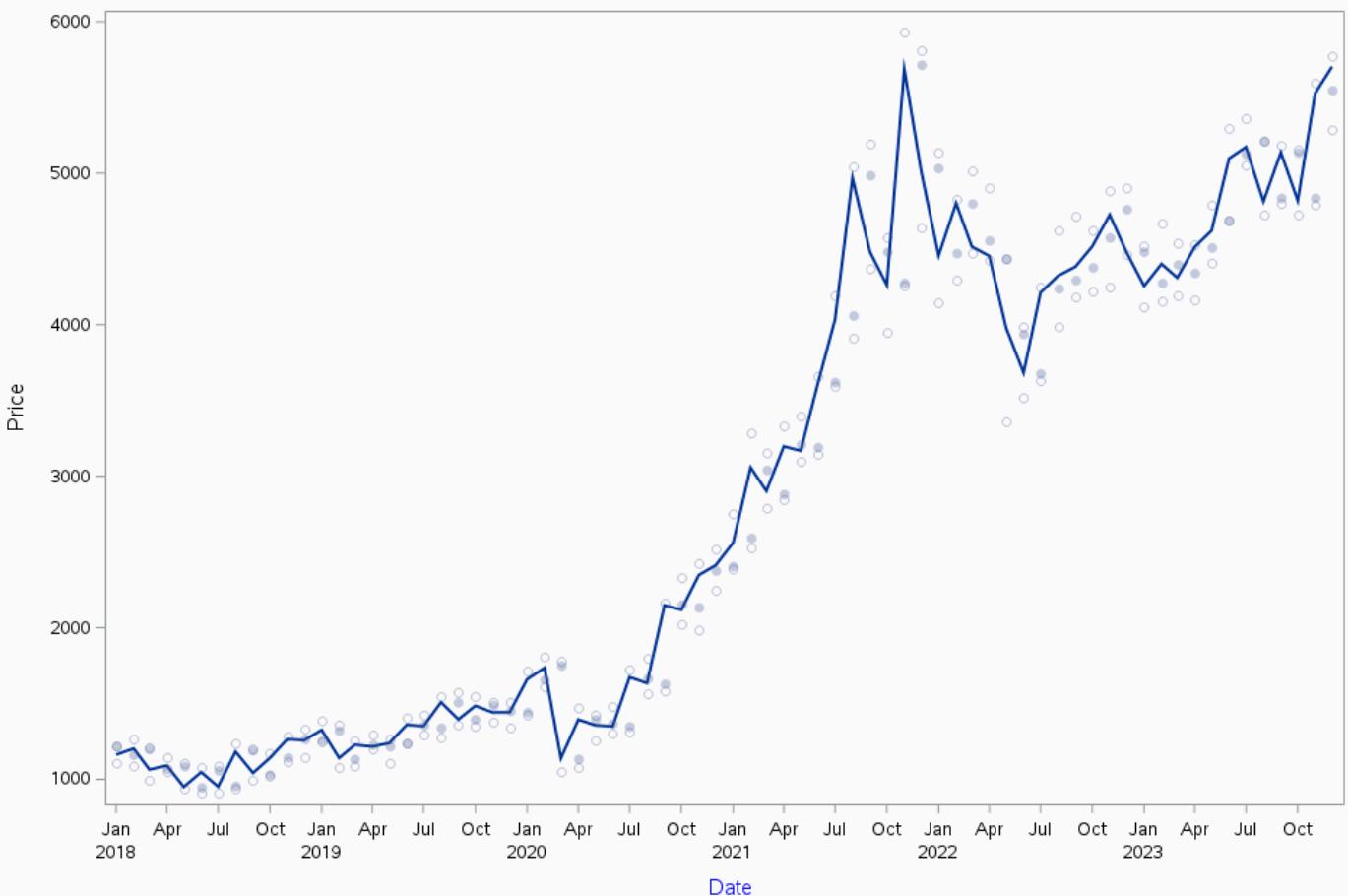
The KDE Procedure

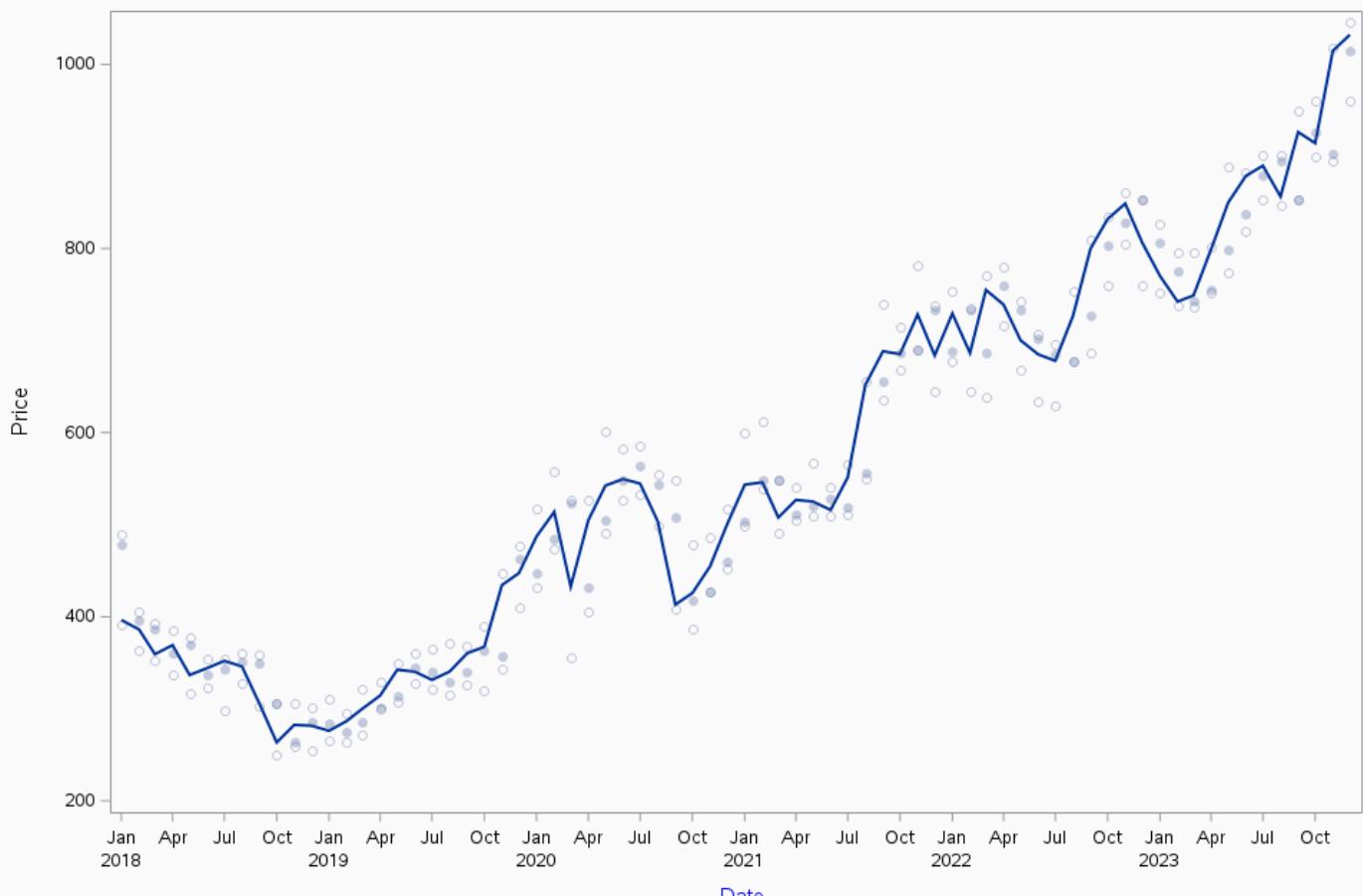
Name=ZOOM

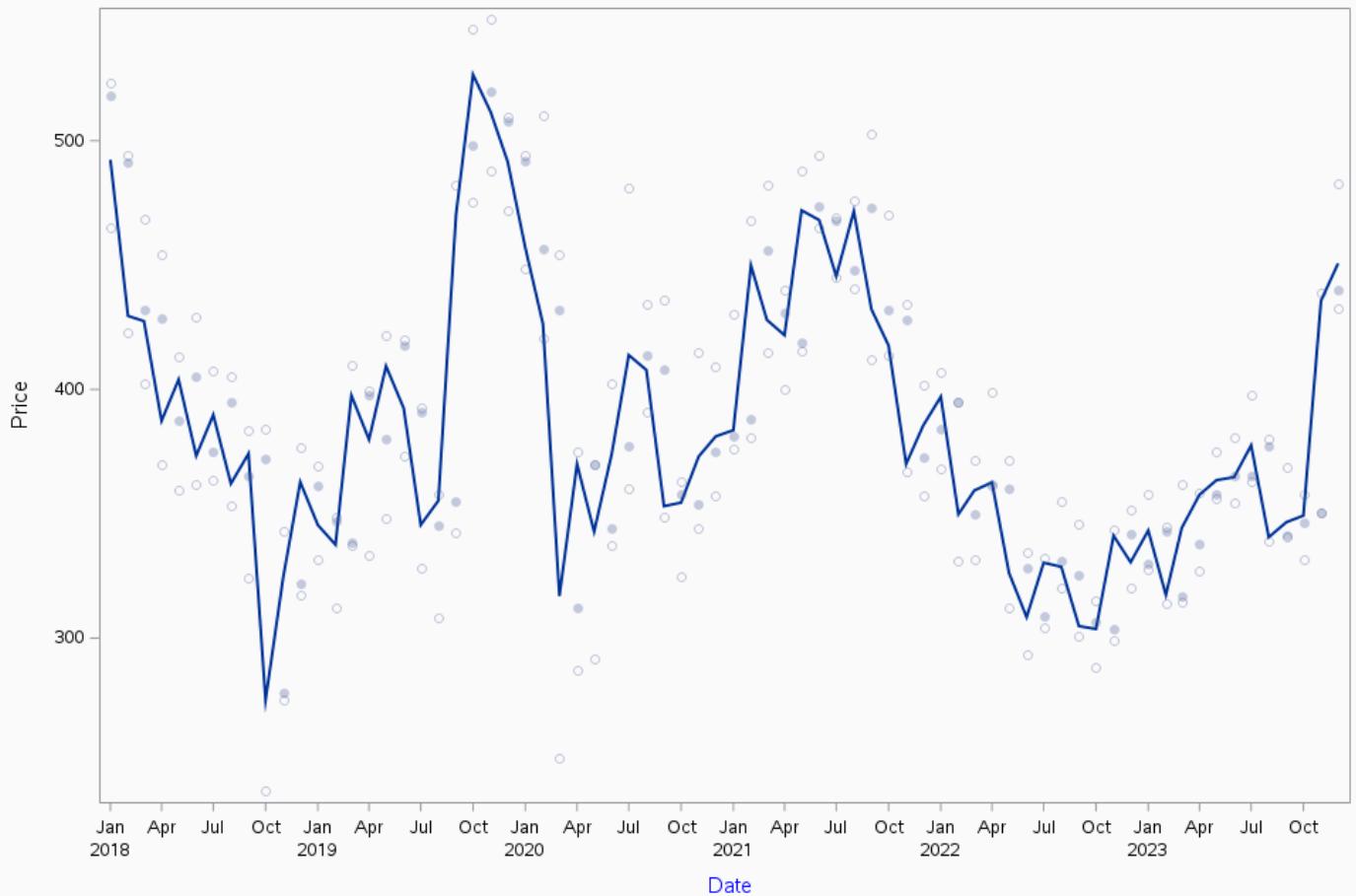
Inputs	
Data Set	WORK.DATAFRAME
Number of Observations Used	55
Variable	Close
Bandwidth Method	Sheather-Jones Plug In

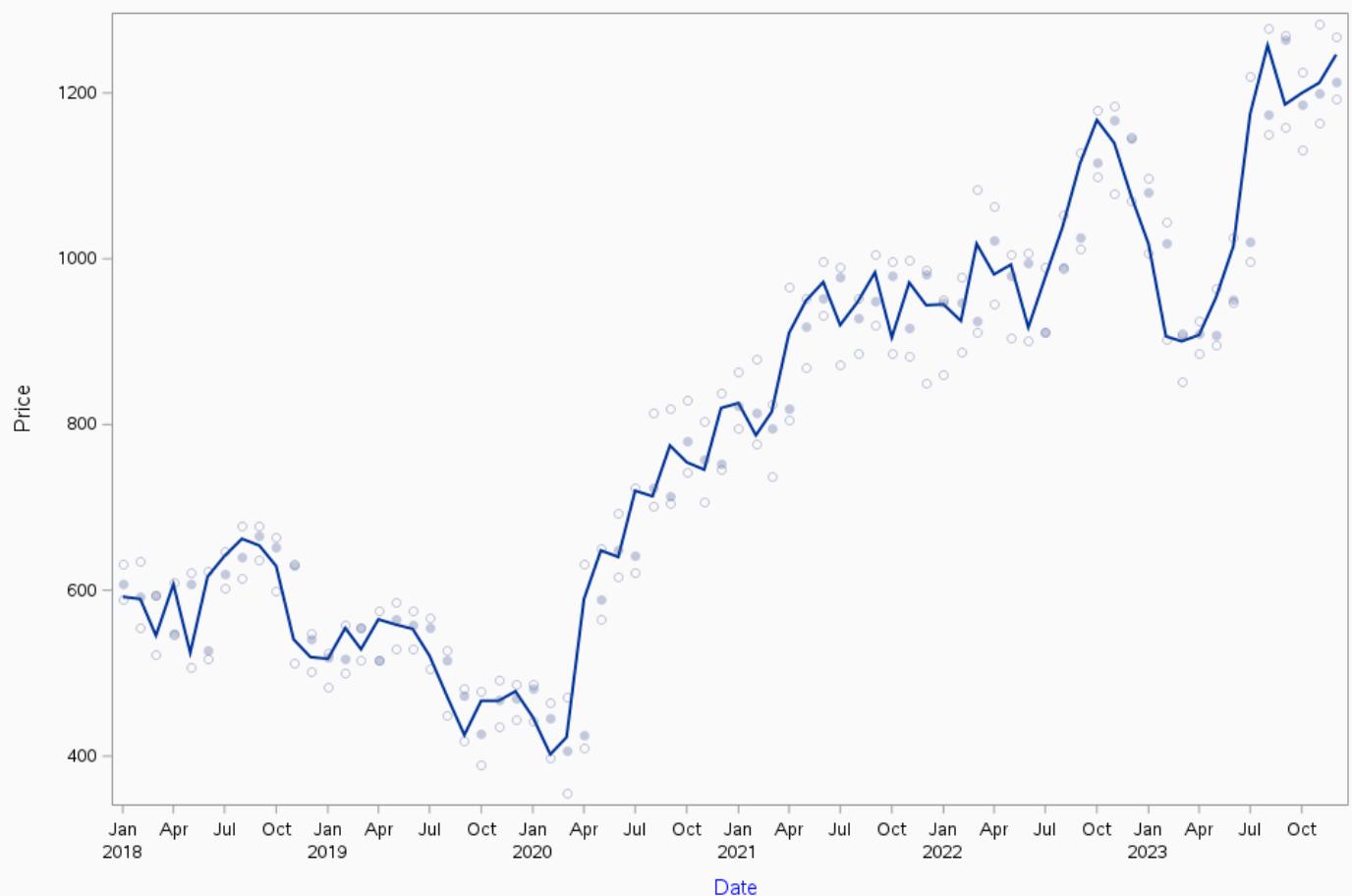
Controls	
	Close
Grid Points	401
Lower Grid Limit	1250.4
Upper Grid Limit	36264
Bandwidth Multiplier	1

Kernel Density for Close

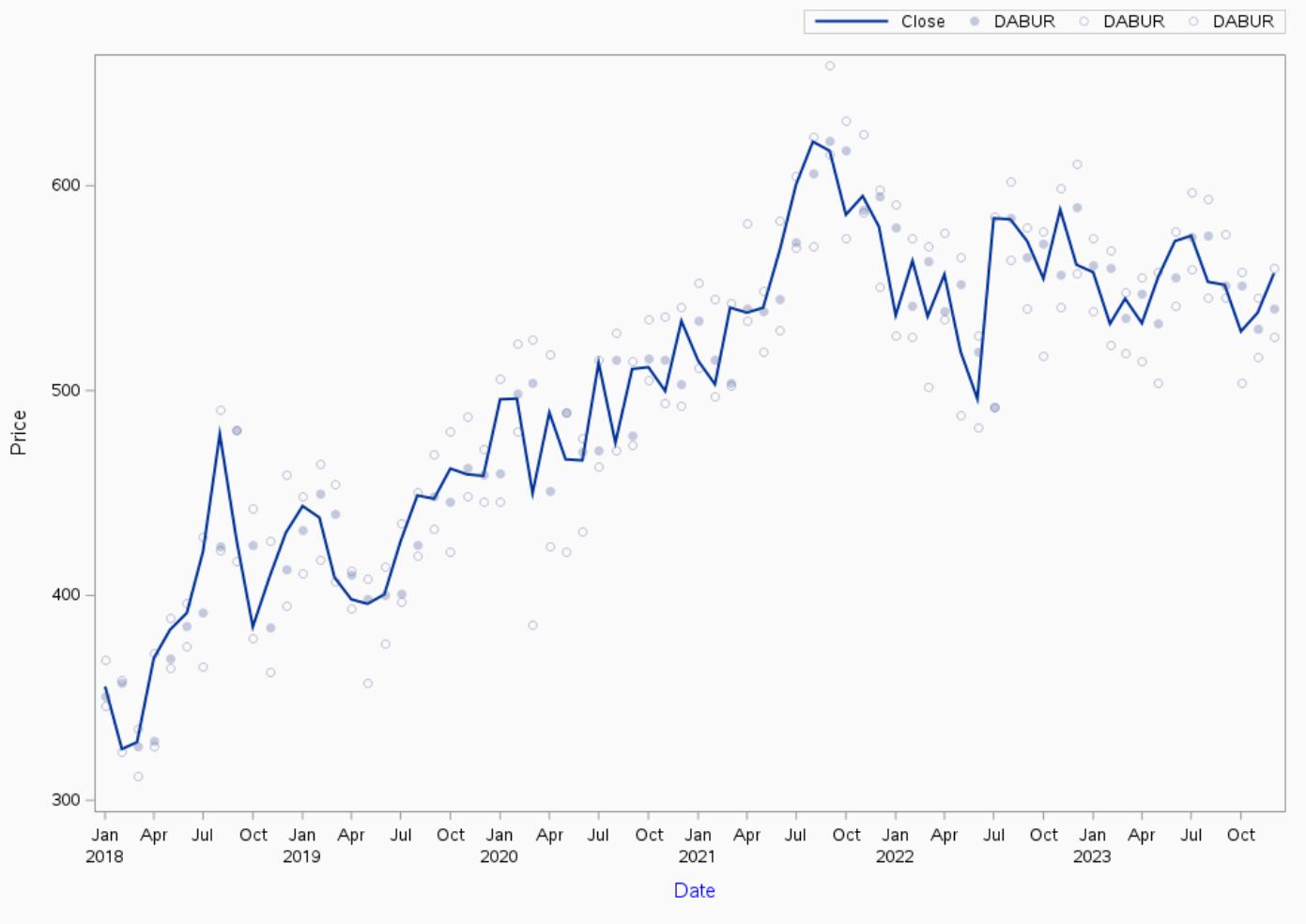
**Historical Closing Price Of The Stock
Name=APOLLO**

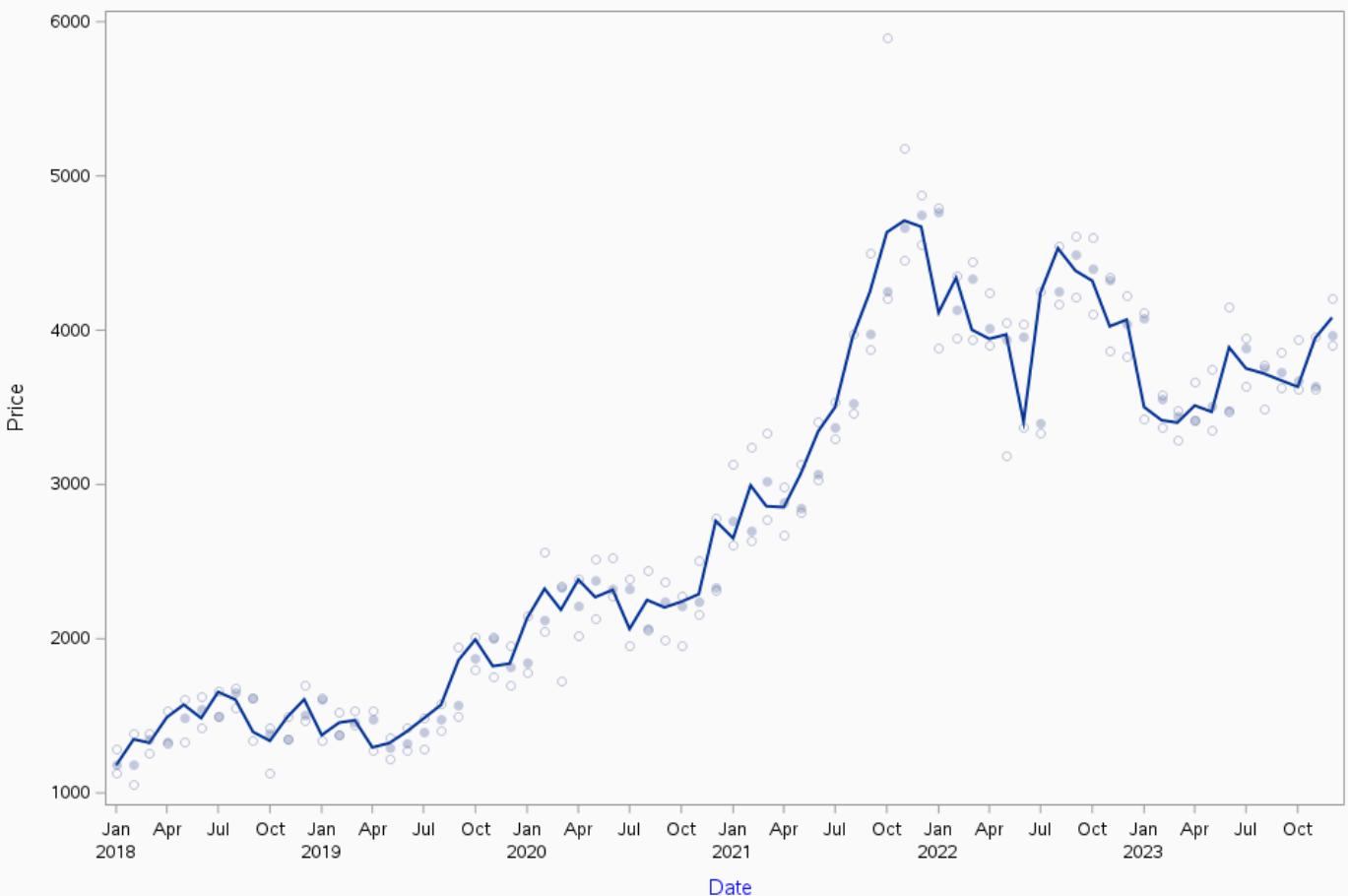
**Historical Closing Price Of The Stock
Name=Airtel**

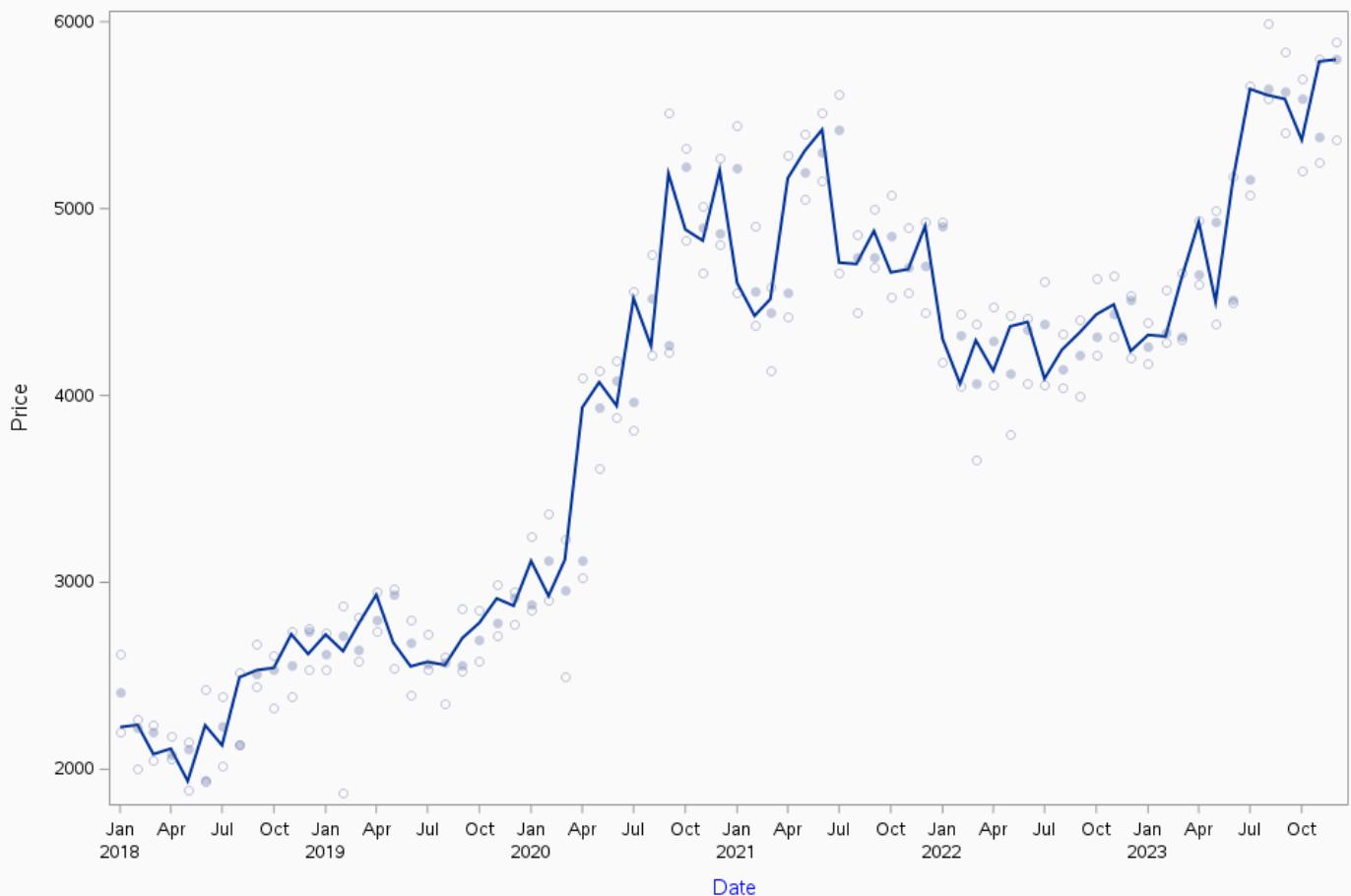
**Historical Closing Price Of The Stock
Name=BPCL**

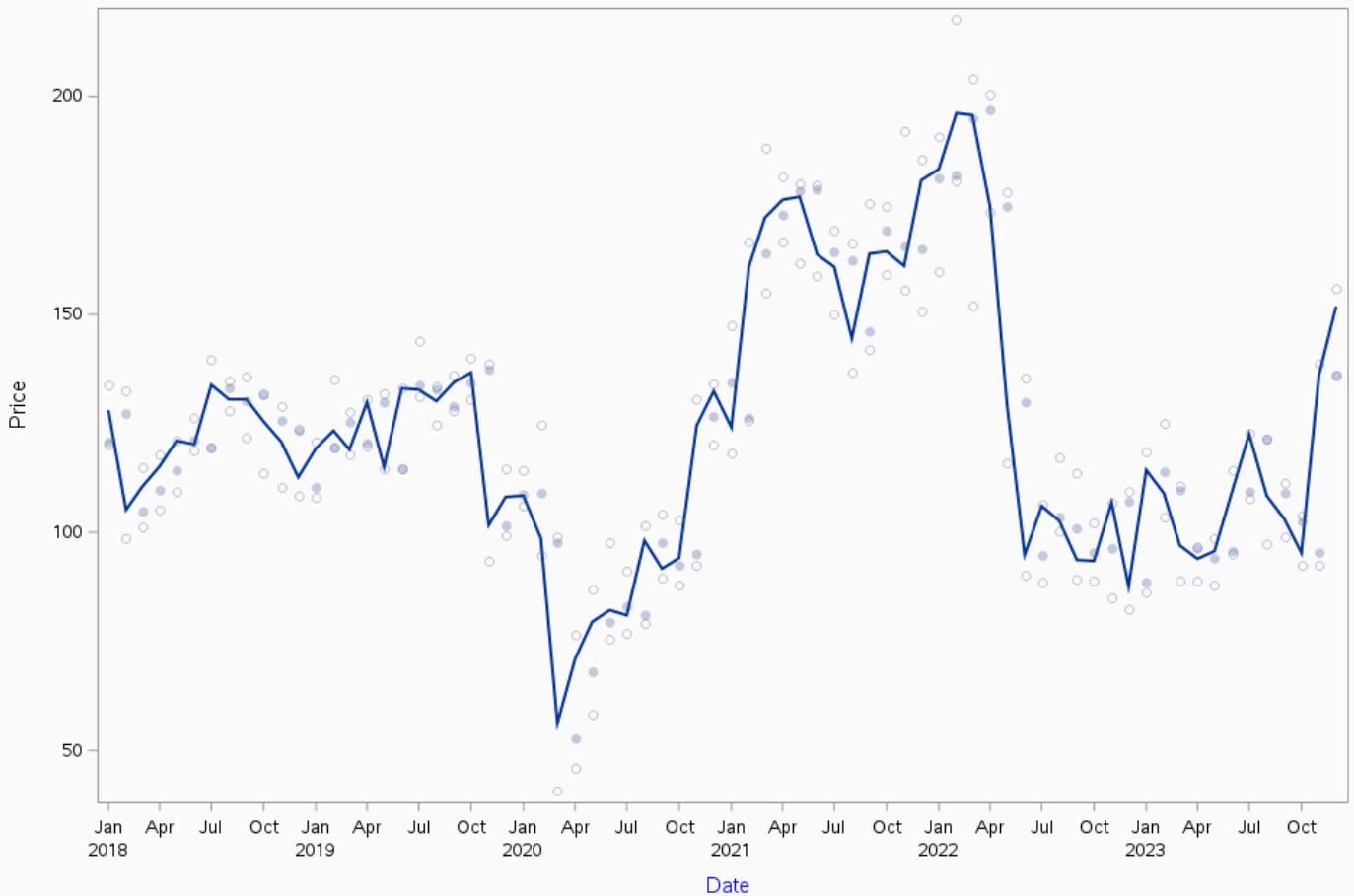
**Historical Closing Price Of The Stock
Name=CIPLA**

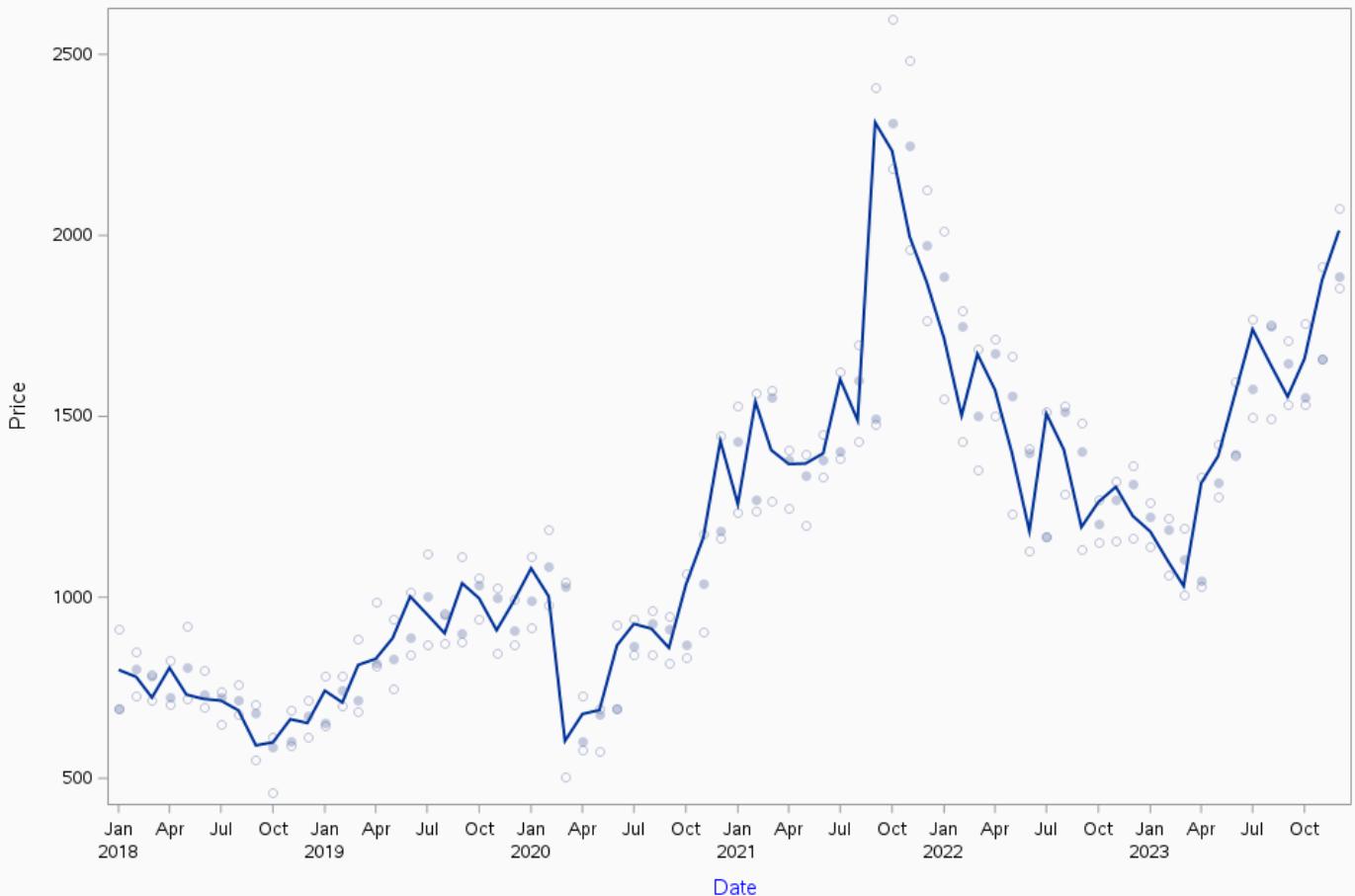
Historical Closing Price Of The Stock Name=DABUR

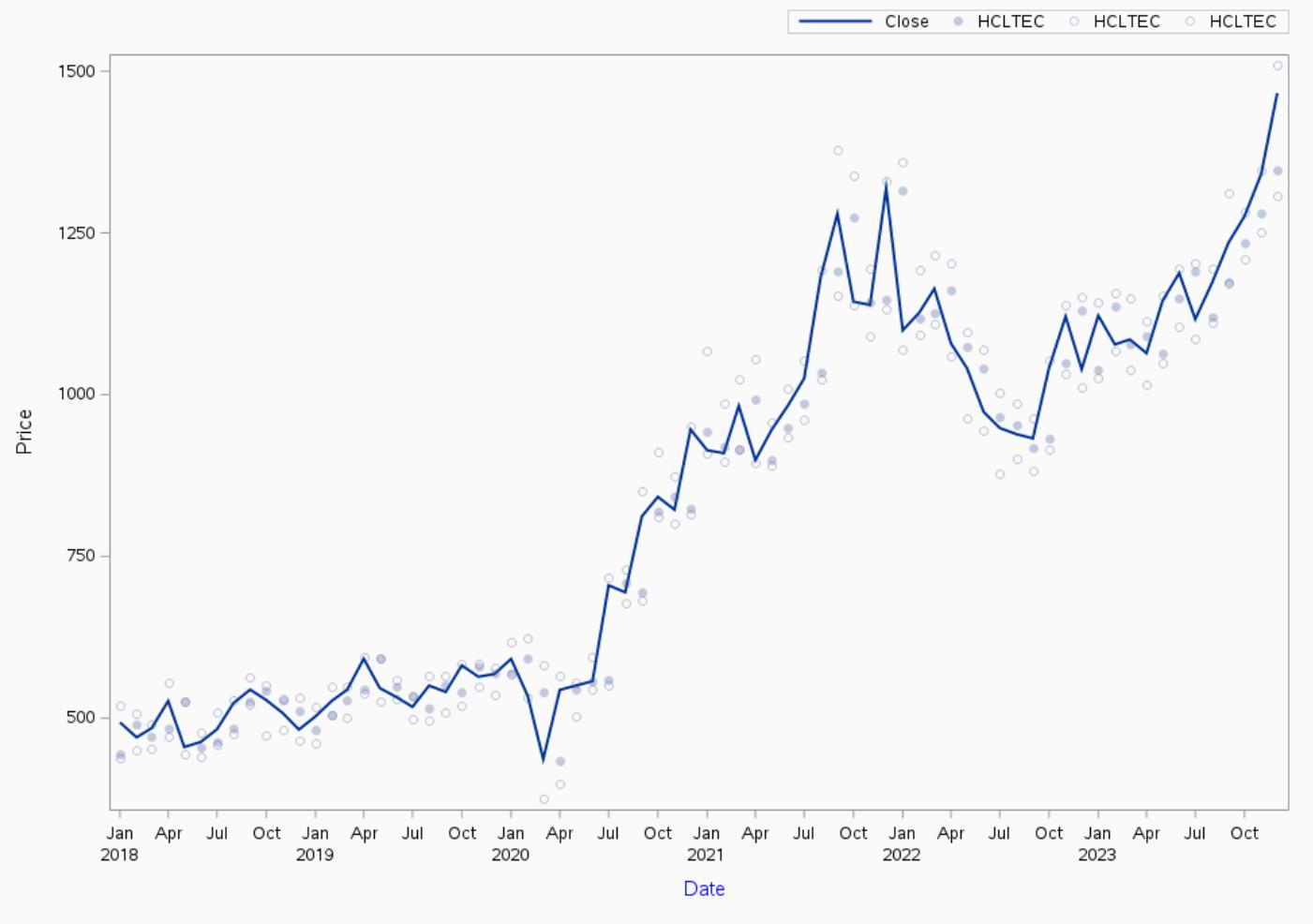


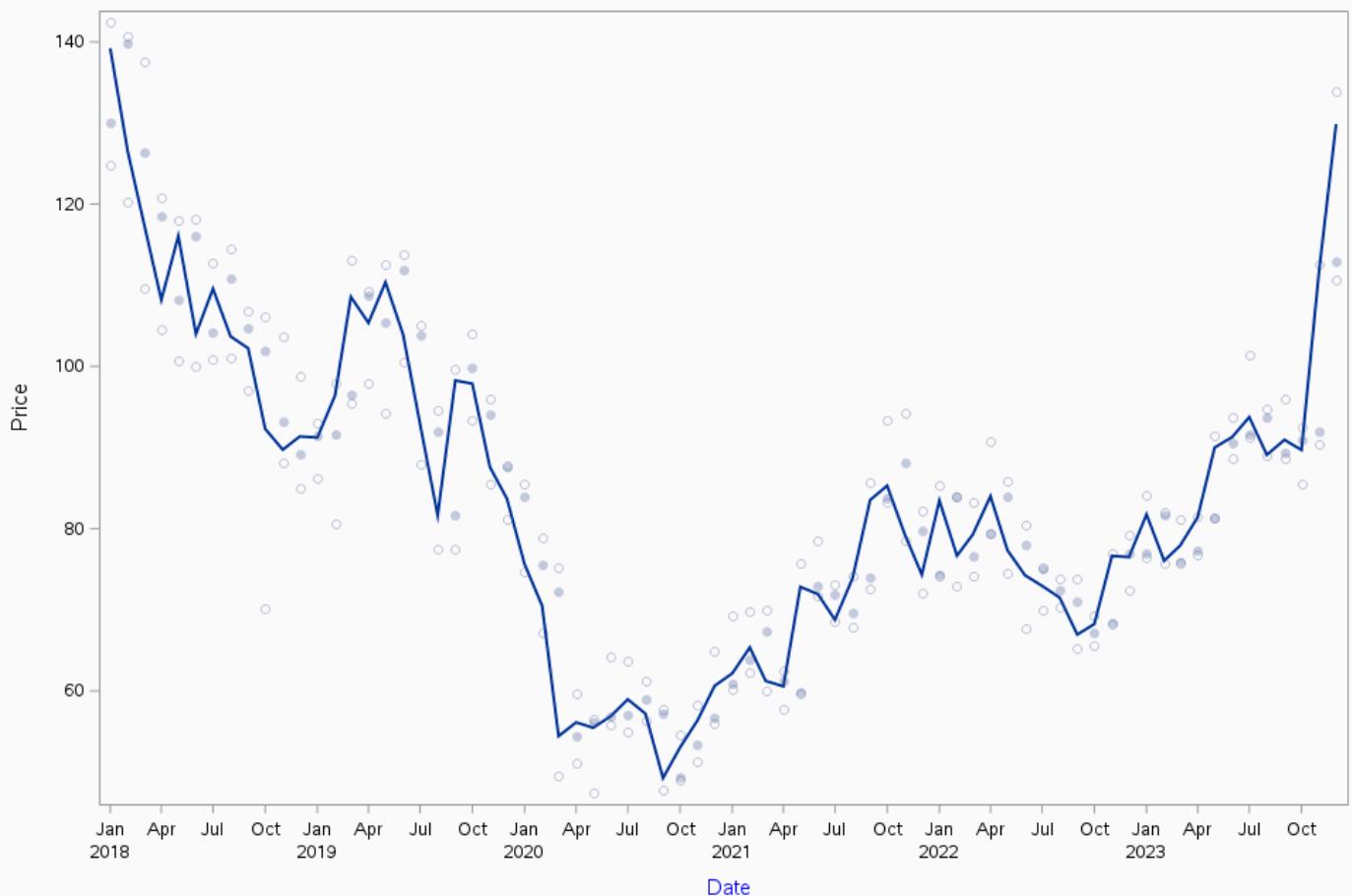
**Historical Closing Price Of The Stock
Name=DMART**

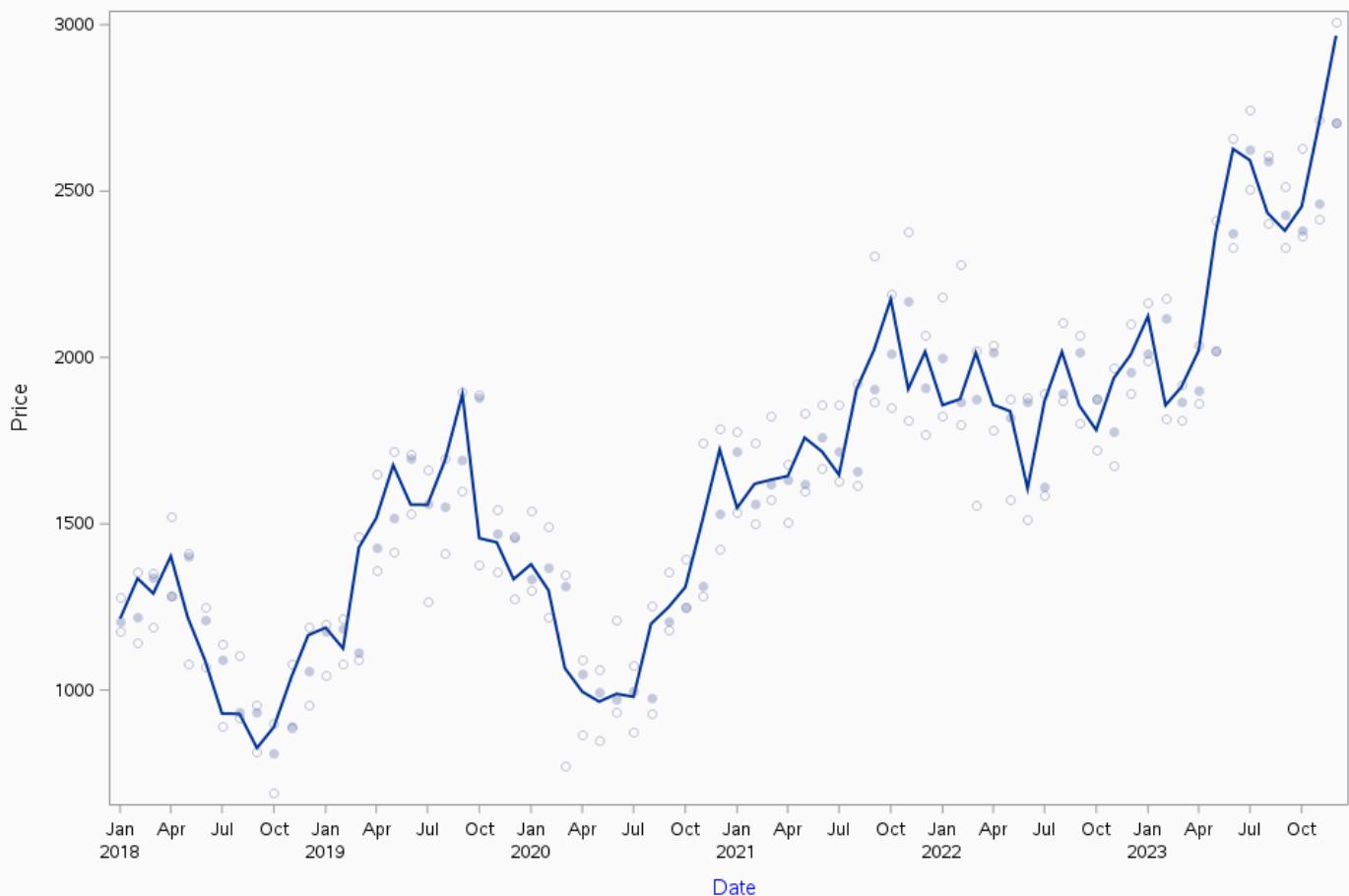
**Historical Closing Price Of The Stock
Name=DRREDD**

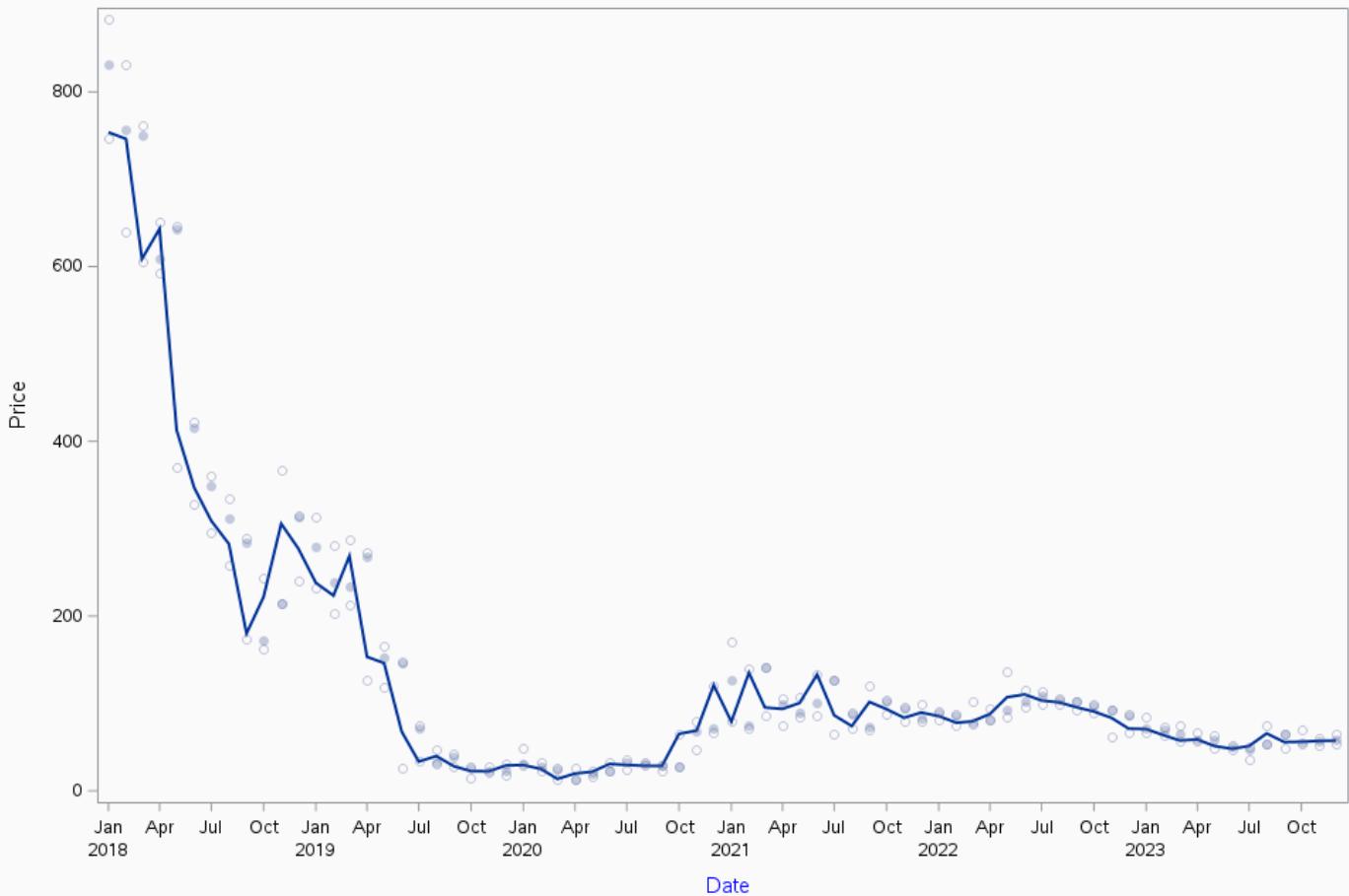
**Historical Closing Price Of The Stock
Name=EXPEDI**

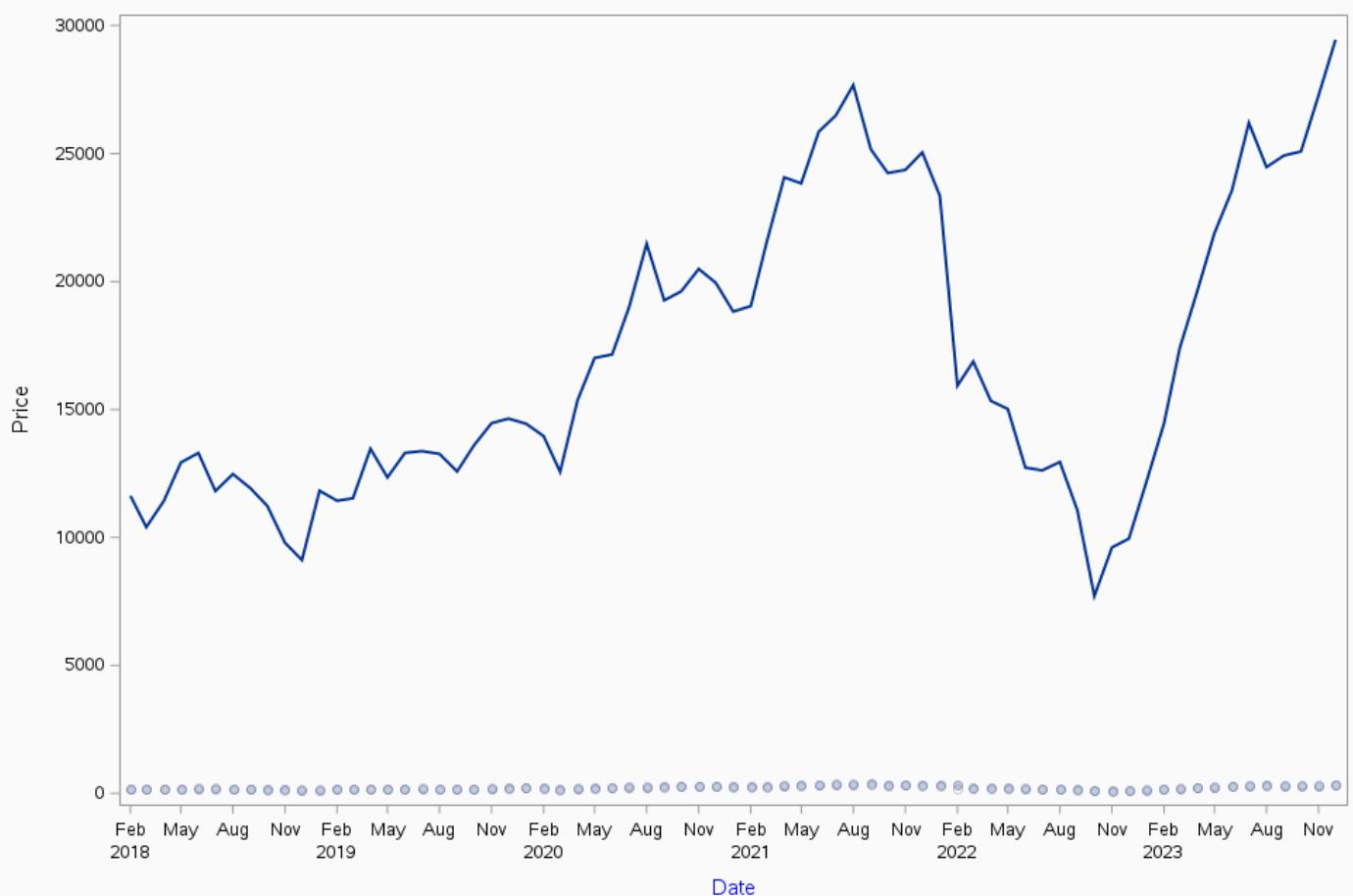
**Historical Closing Price Of The Stock
Name=GODREJ**

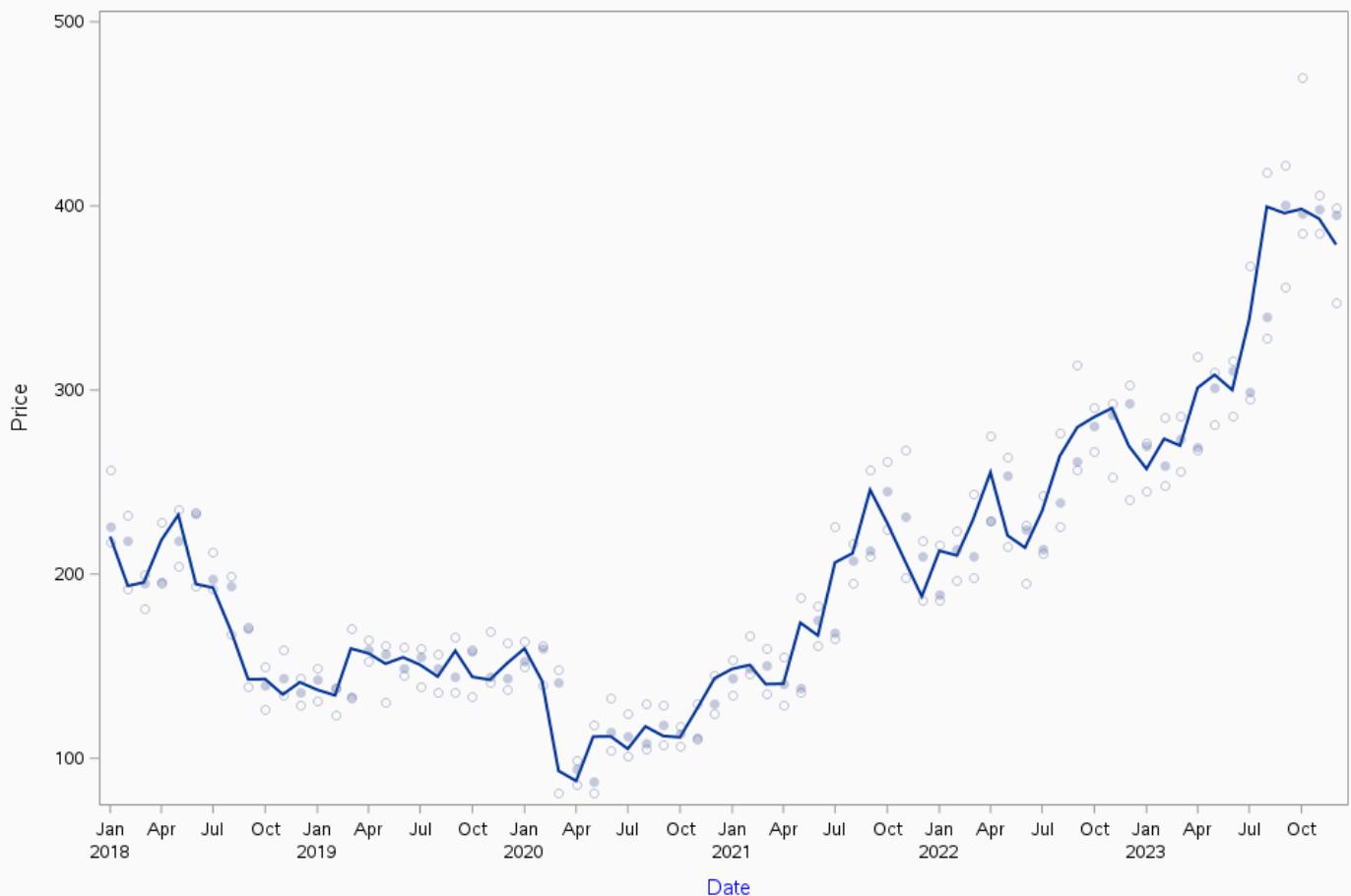
**Historical Closing Price Of The Stock
Name=HCLTEC**

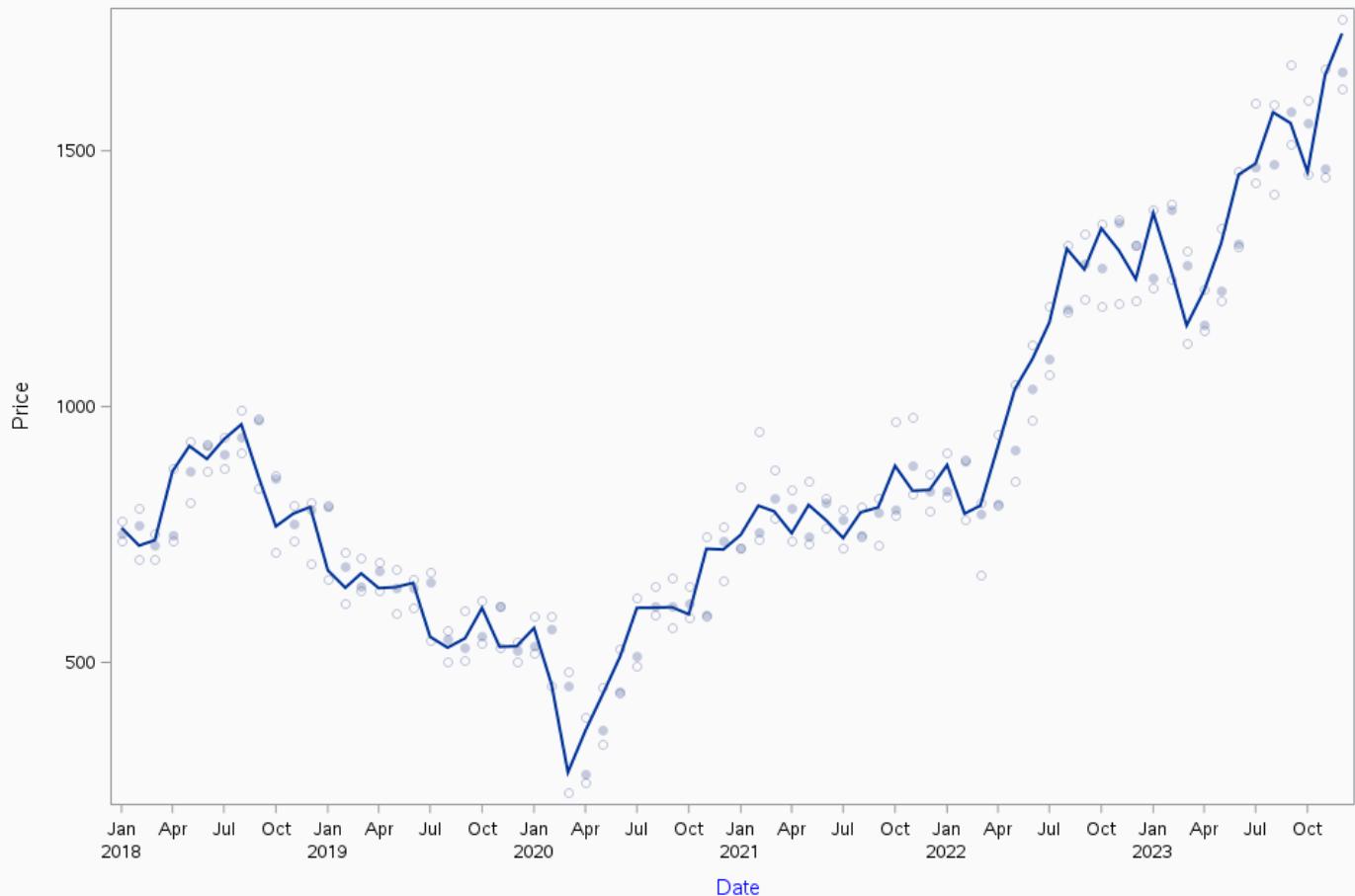
**Historical Closing Price Of The Stock
Name=INDIAN**

**Historical Closing Price Of The Stock
Name=INDIGO**

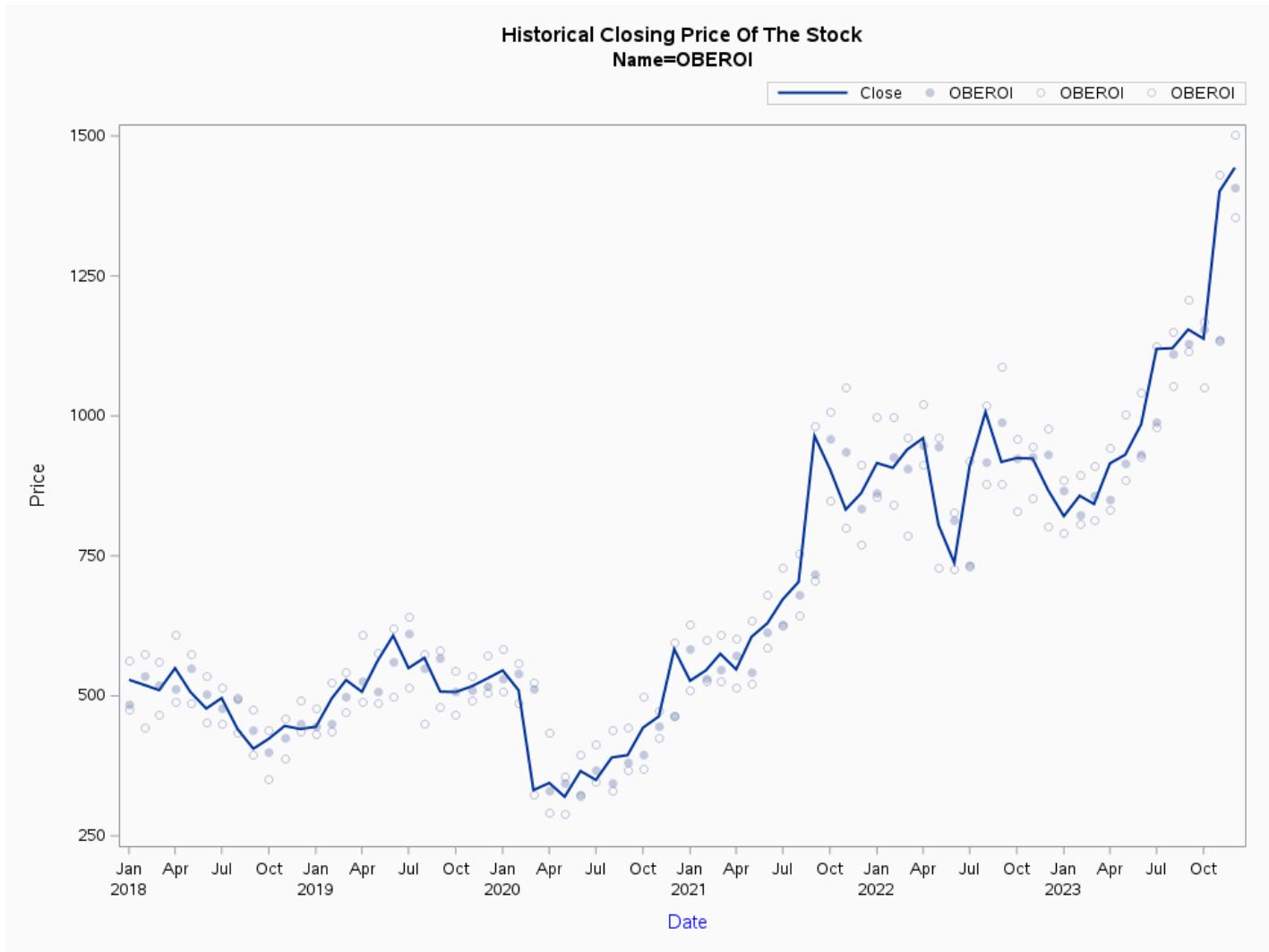
**Historical Closing Price Of The Stock
Name=JETAIR**

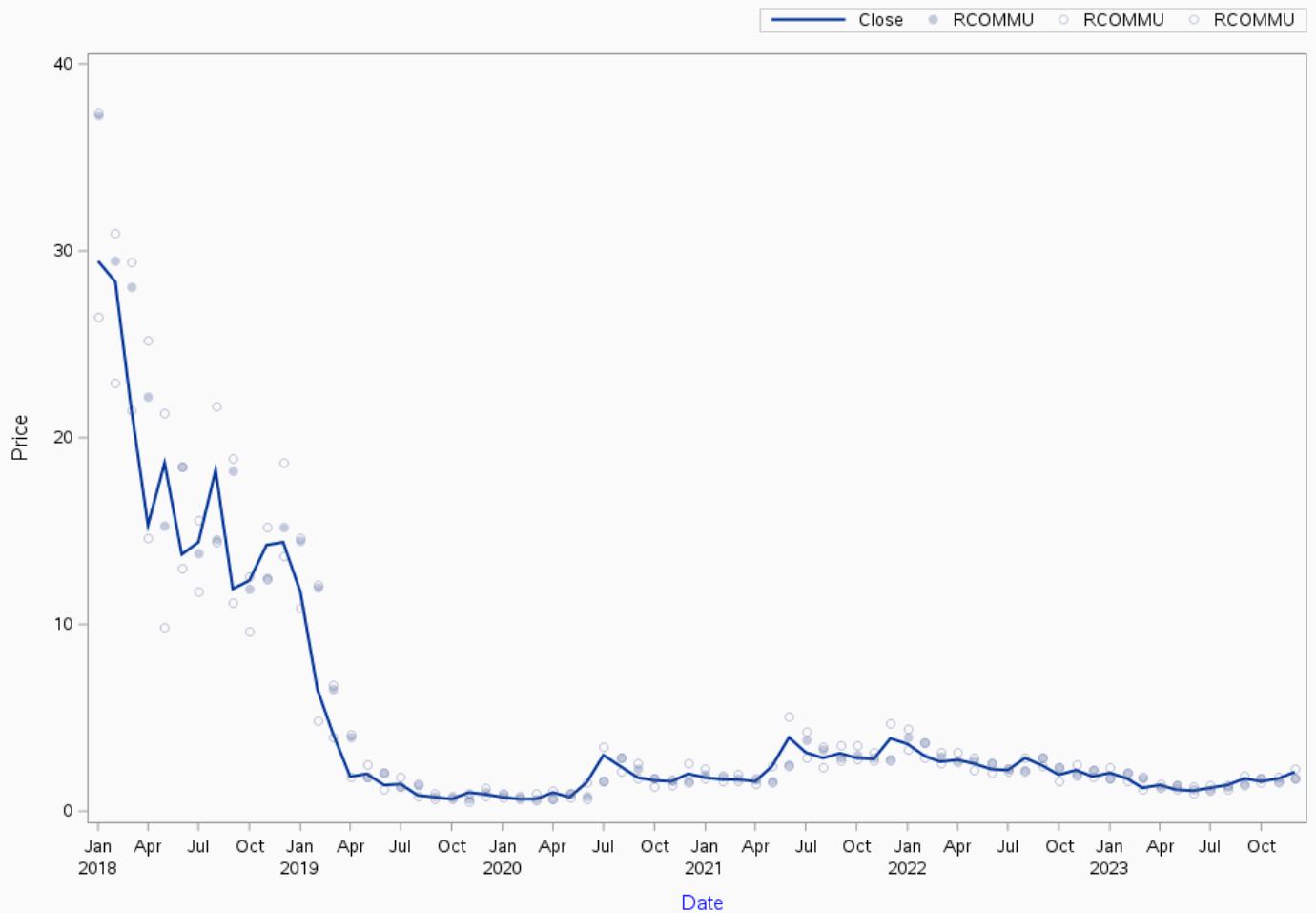
**Historical Closing Price Of The Stock
Name=META**

**Historical Closing Price Of The Stock
Name=MHRIL**

**Historical Closing Price Of The Stock
Name=MM**

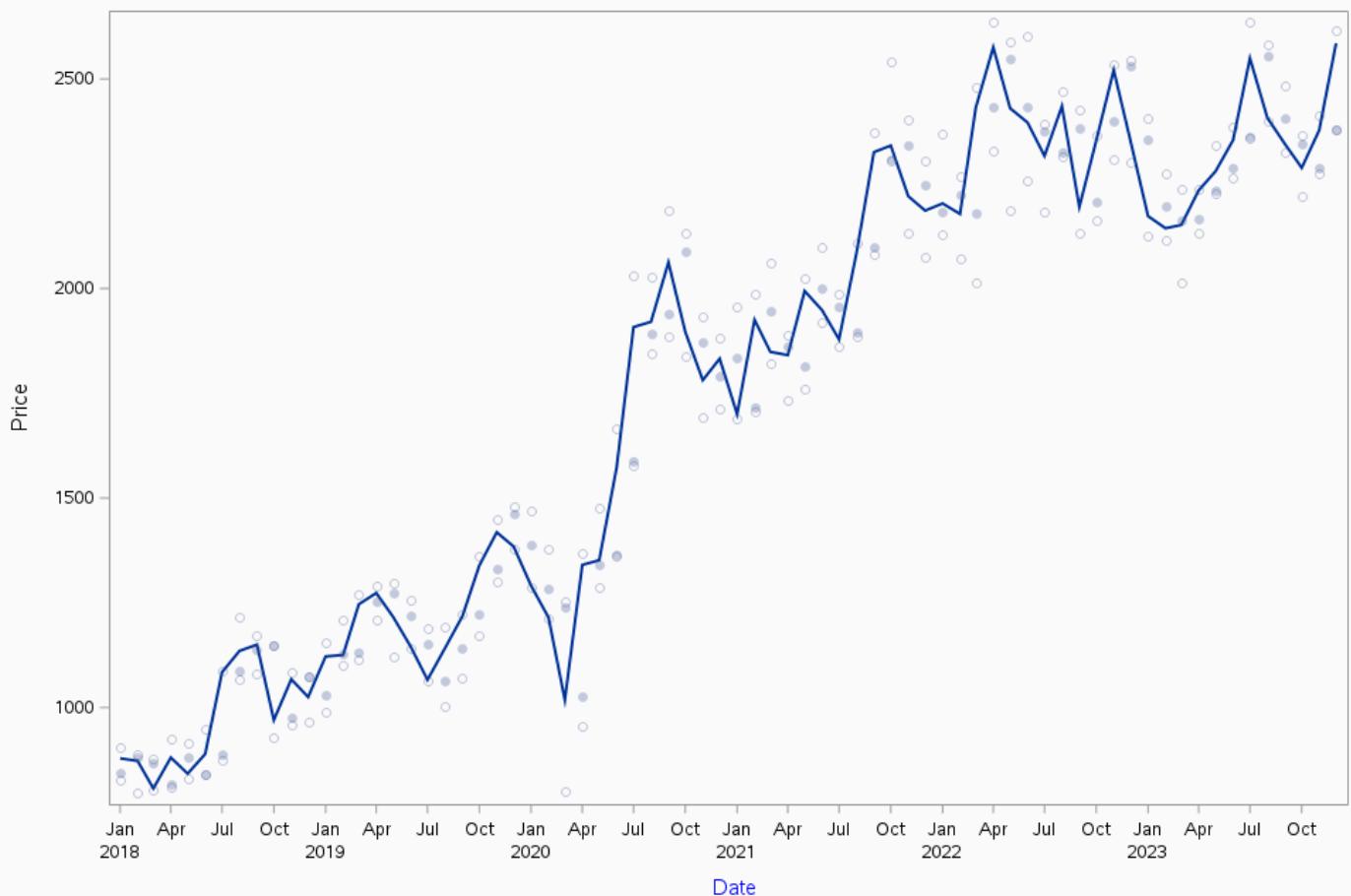
**Historical Closing Price Of The Stock
Name=NFLX**

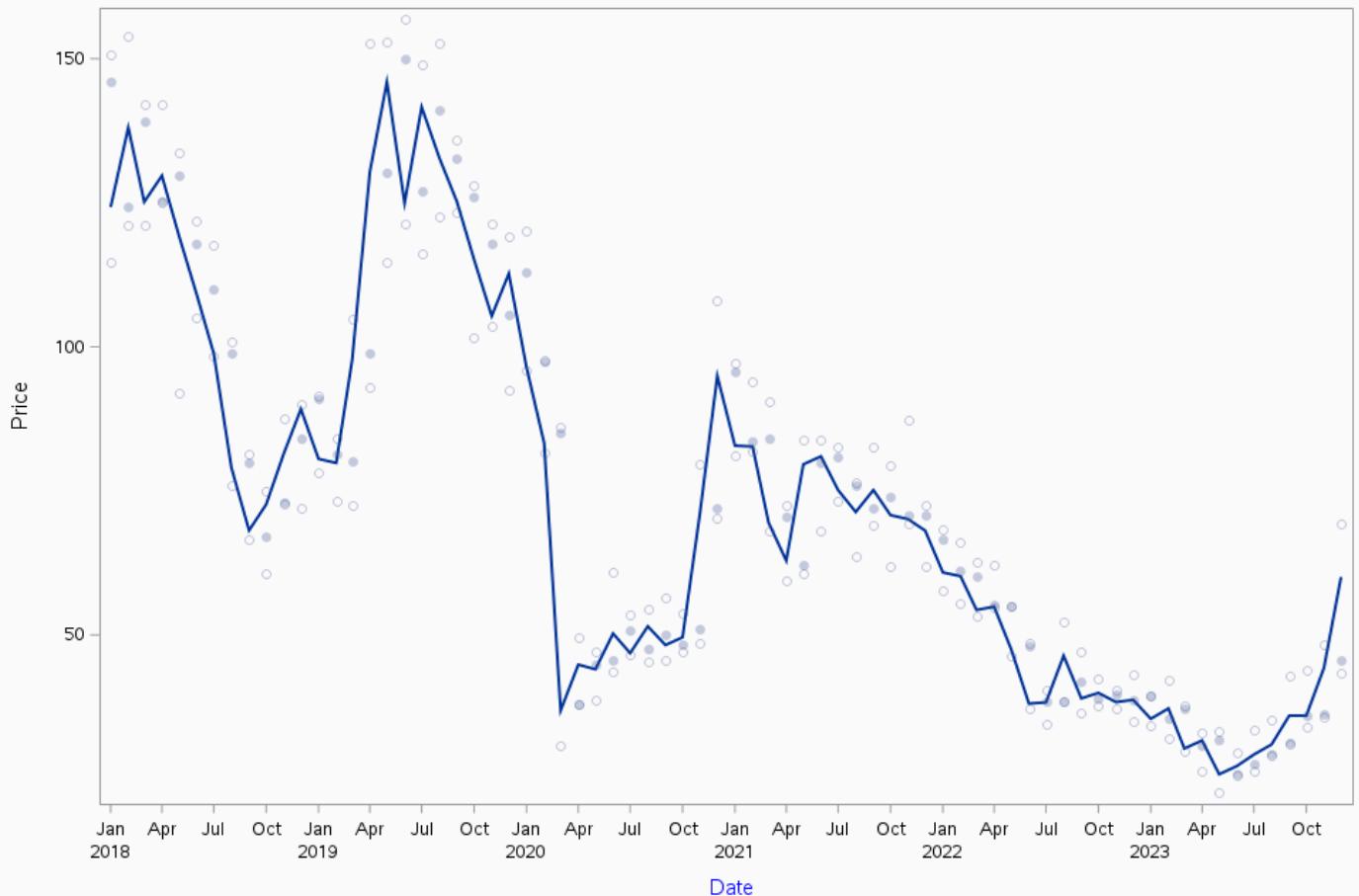


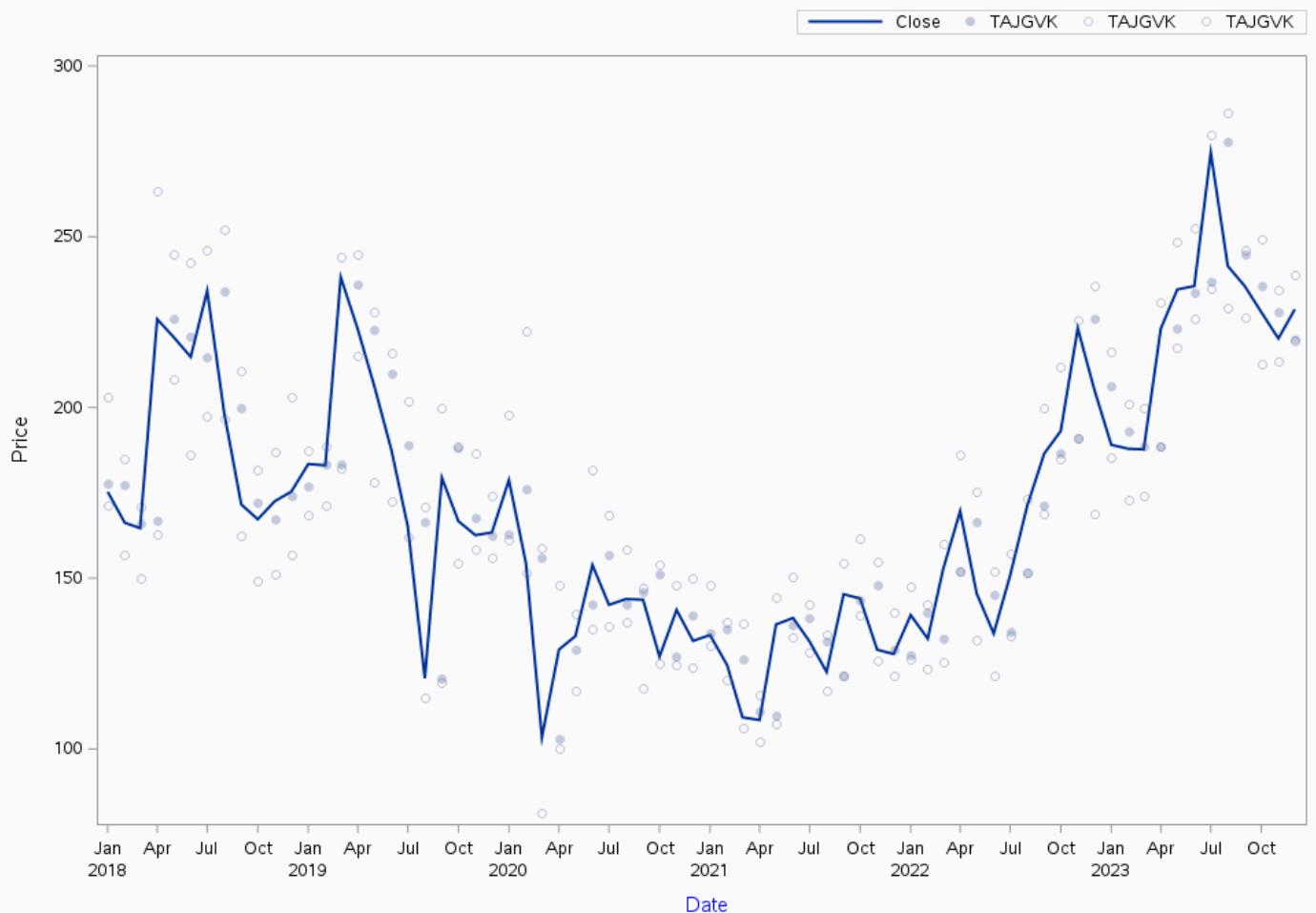
**Historical Closing Price Of The Stock
Name=RCOMMU**

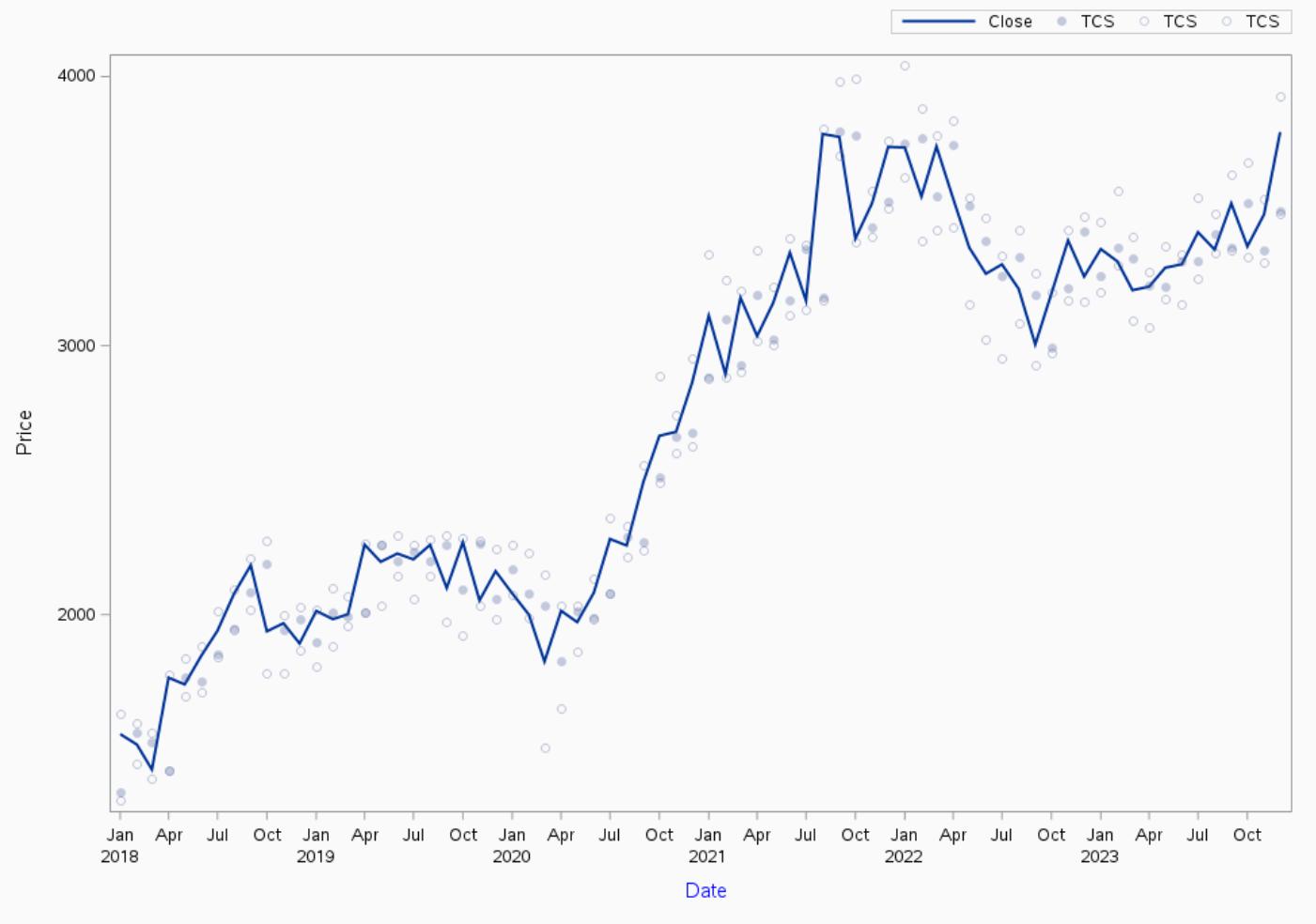
Historical Closing Price Of The Stock Name=RINDUS

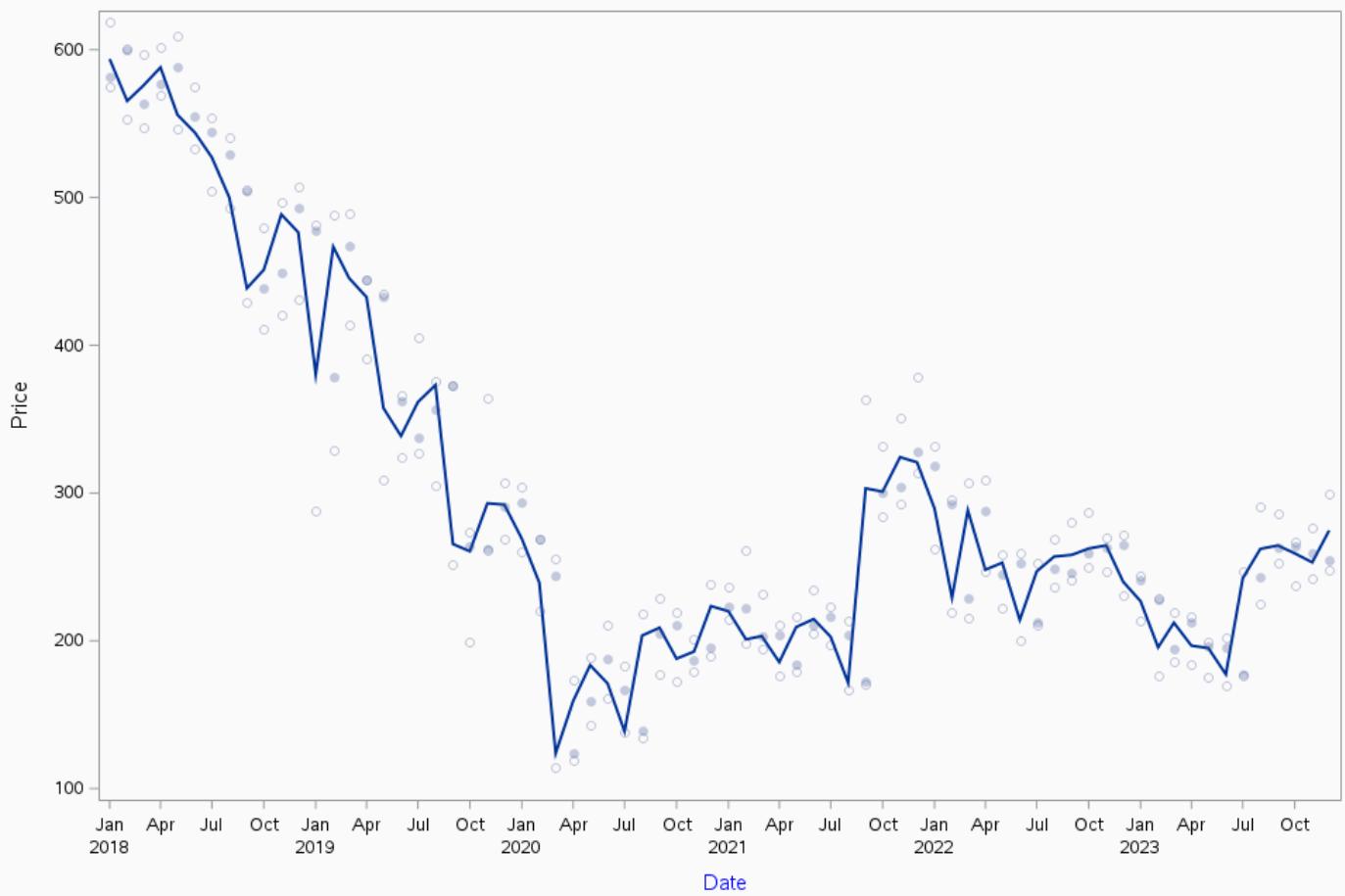
Close RINDUS RINDUS RINDUS



**Historical Closing Price Of The Stock
Name=SPICEJ**

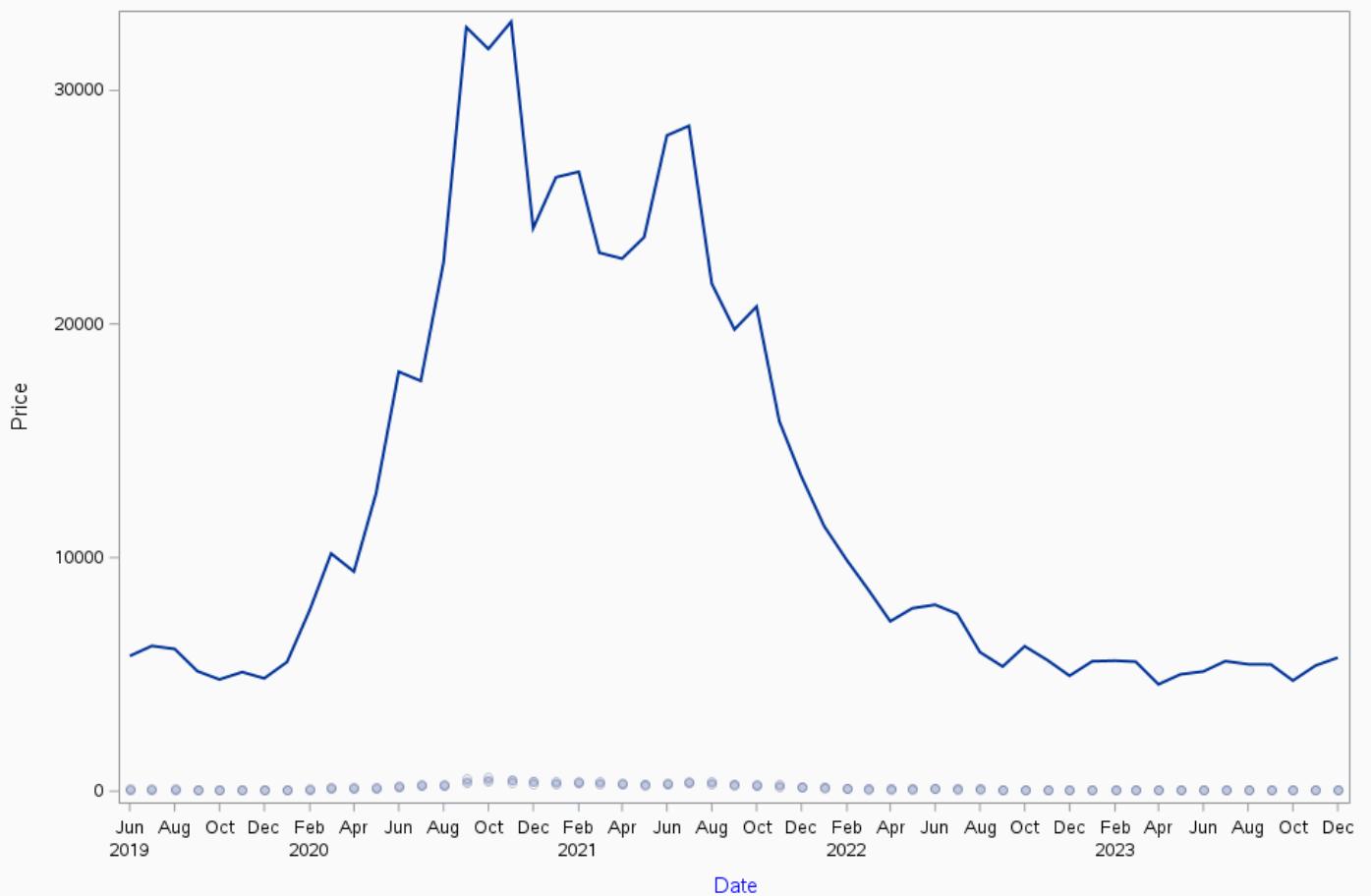
**Historical Closing Price Of The Stock
Name=TAJGVK**

**Historical Closing Price Of The Stock
Name=TCS**

**Historical Closing Price Of The Stock
Name=ZEEL**

Historical Closing Price Of The Stock Name=ZOOM

— Close
 ● ZOOM
 ○ ZOOM
 ○ ZOOM



Historical Closing Price Of The Stock

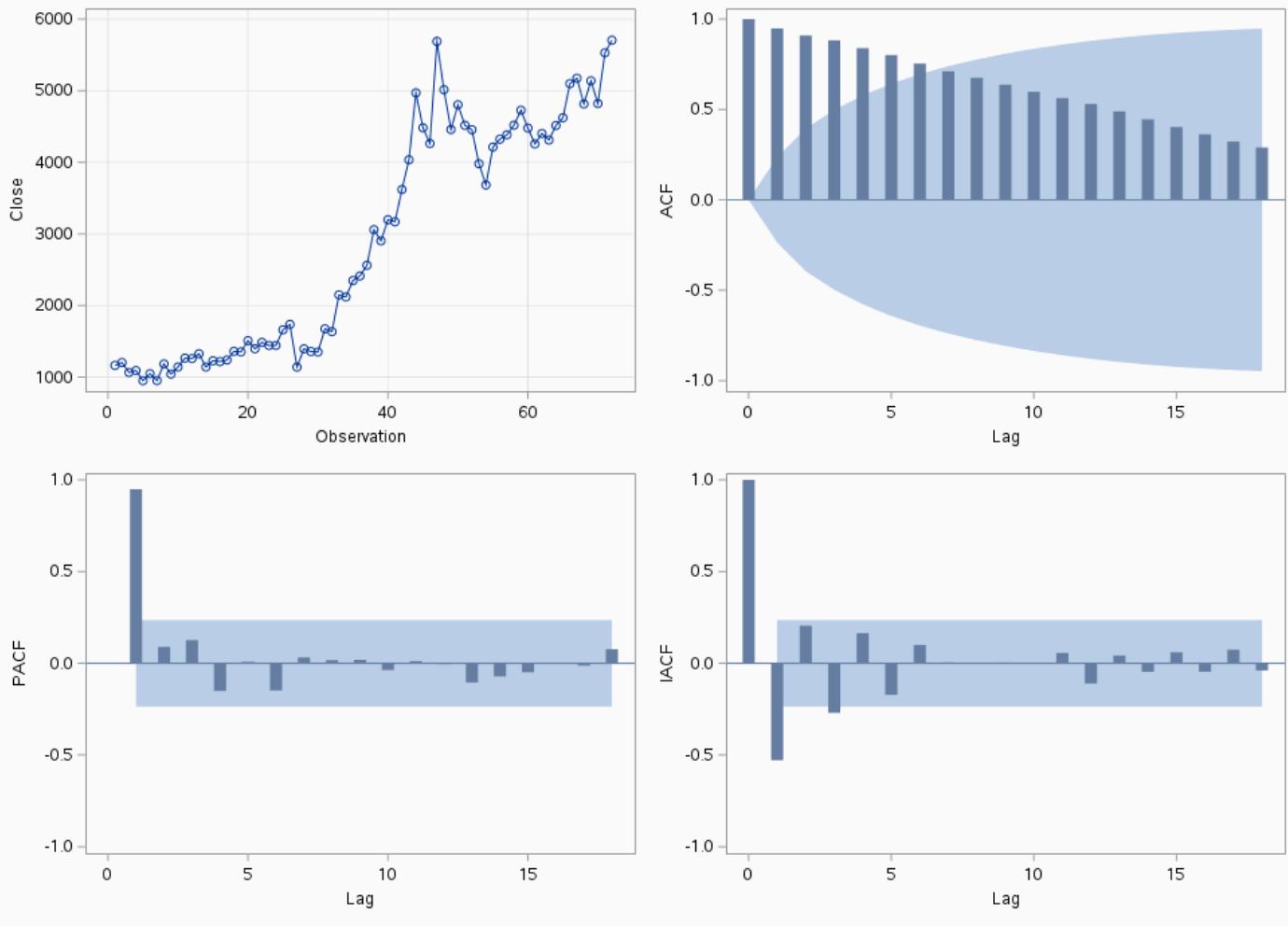
The ARIMA Procedure

Name=APOLLO

Name of Variable = Close	
Mean of Working Series	2893.581
Standard Deviation	1600.759
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	342.64	6	<.0001	0.949	0.909	0.882	0.840	0.801
12	539.62	12	<.0001	0.711	0.675	0.637	0.598	0.563
18	625.49	18	<.0001	0.489	0.445	0.403	0.362	0.323

Augmented Dickey-Fuller Unit Root Tests							
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F
Zero Mean	0	1.0879	0.9217	1.25	0.9456		
	1	1.2006	0.9363	1.72	0.9787		
	2	1.2150	0.9380	2.10	0.9909		
Single Mean	0	-0.5614	0.9202	-0.31	0.9169	1.34	0.7315
	1	0.0053	0.9555	0.00	0.9554	1.95	0.5802
	2	0.1308	0.9614	0.11	0.9645	2.77	0.3739
Trend	0	-12.2915	0.2676	-2.65	0.2597	3.76	0.4342
	1	-9.0559	0.4767	-2.23	0.4672	2.85	0.6122
	2	-6.5729	0.6823	-1.87	0.6611	2.08	0.7625

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

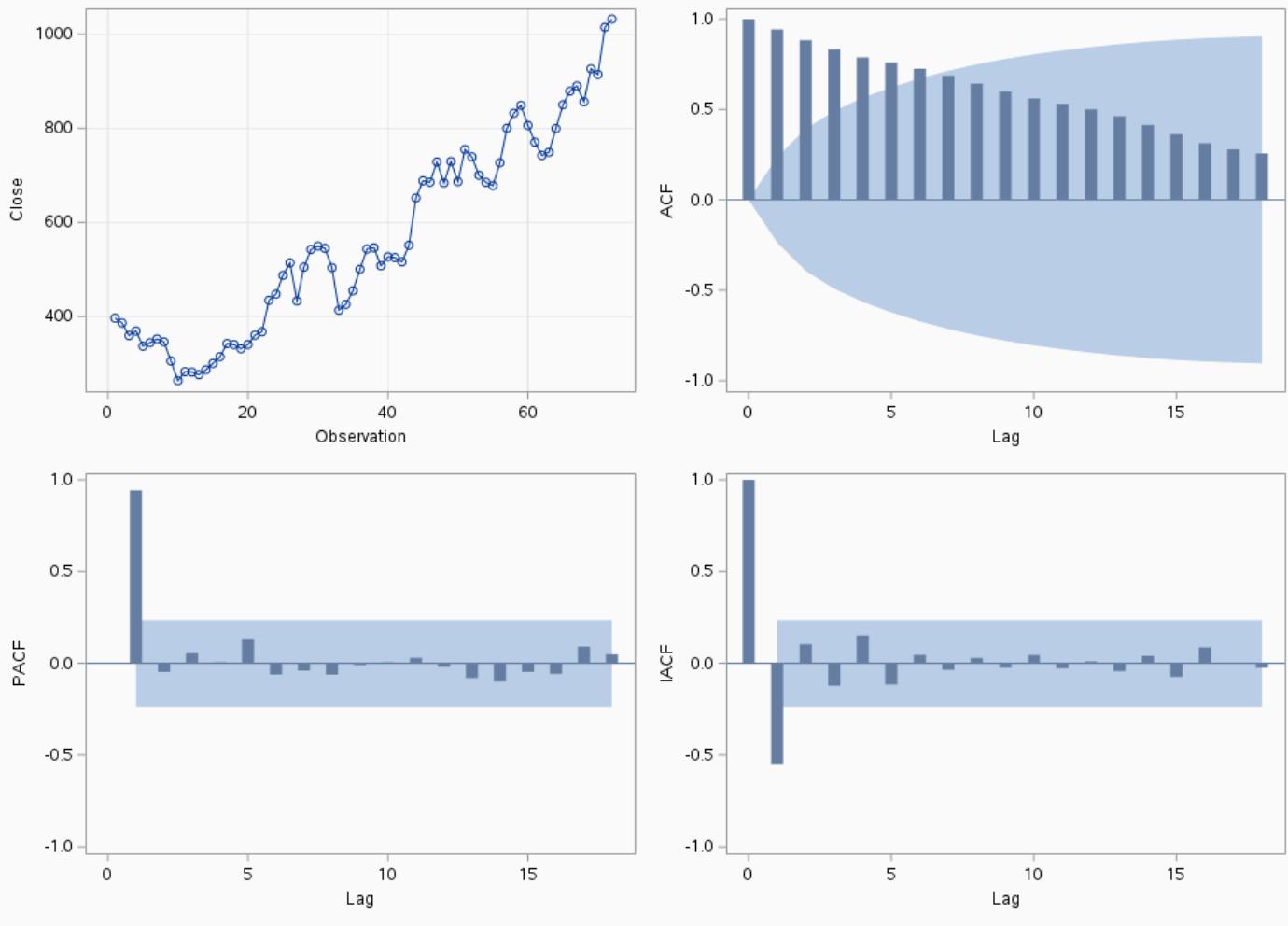
The ARIMA Procedure

Name=Airtel

Name of Variable = Close	
Mean of Working Series	563.8956
Standard Deviation	207.3661
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	316.67	6	<.0001	0.943	0.883	0.834	0.788	0.759
12	493.83	12	<.0001	0.686	0.642	0.599	0.561	0.530
18	564.51	18	<.0001	0.462	0.414	0.363	0.313	0.279

Augmented Dickey-Fuller Unit Root Tests								
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F	
Zero Mean		0	1.1406	0.9289	2.11	0.9913		
		1	1.1314	0.9276	1.90	0.9857		
		2	1.1567	0.9309	1.77	0.9809		
Single Mean		0	1.1392	0.9898	0.71	0.9916	2.20	0.5169
		1	0.9283	0.9862	0.53	0.9866	1.79	0.6187
		2	0.6219	0.9790	0.32	0.9780	1.60	0.6674
Trend		0	-13.7486	0.2003	-2.88	0.1758	5.67	0.0900
		1	-19.0002	0.0629	-3.17	0.0985	6.29	0.0596
		2	-27.4259	0.0074	-3.36	0.0650	6.55	0.0484

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

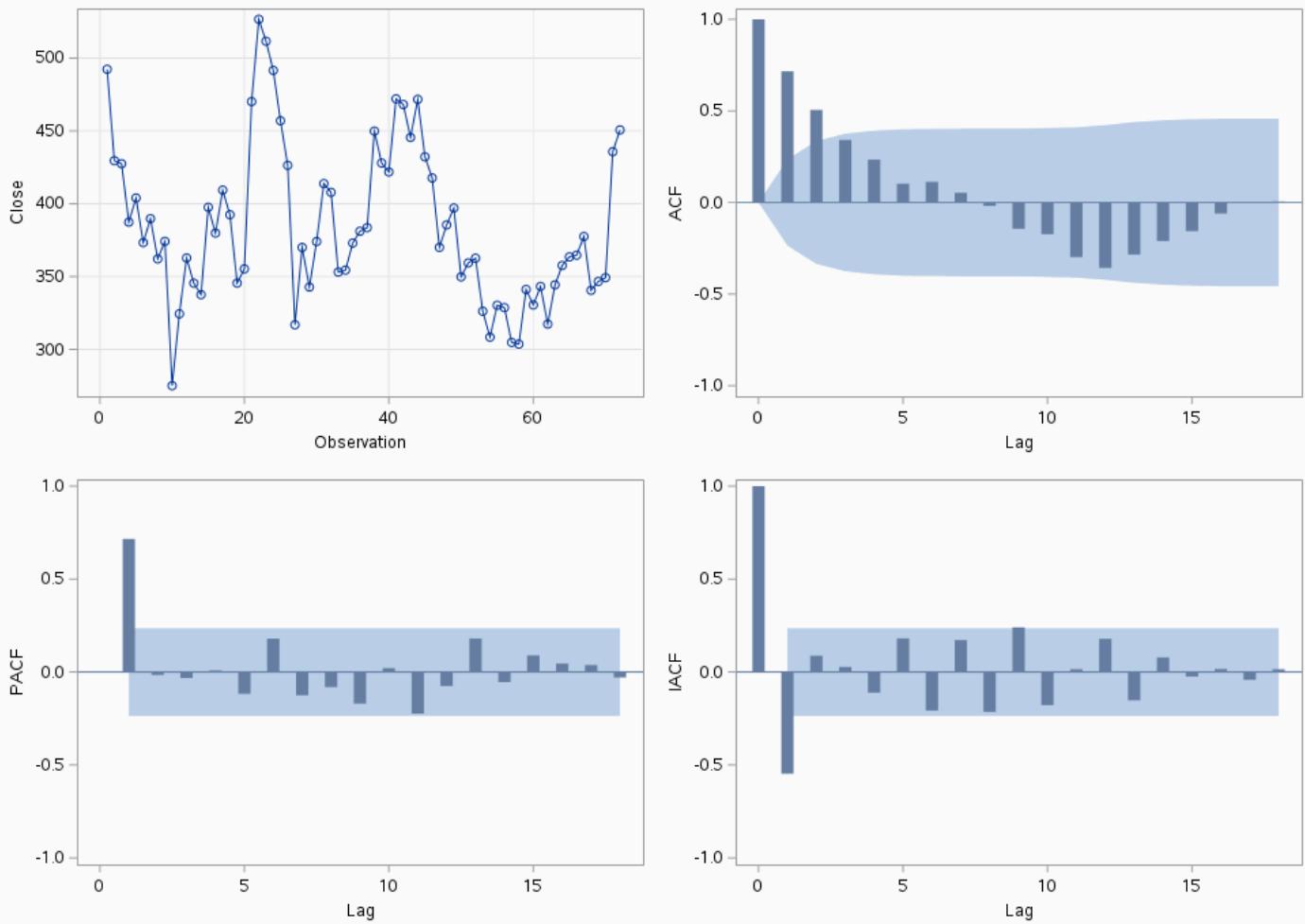
The ARIMA Procedure

Name=BPCL

Name of Variable = Close	
Mean of Working Series	384.9208
Standard Deviation	53.41089
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	73.04	6	<.0001	0.716	0.505	0.341	0.233	0.102
12	96.69	12	<.0001	0.053	-0.019	-0.143	-0.173	-0.298
18	110.65	18	<.0001	-0.284	-0.210	-0.157	-0.060	0.004

Augmented Dickey-Fuller Unit Root Tests								
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F	
Zero Mean	0	-0.4658	0.5749	-0.57	0.4678			
	1	-0.2343	0.6270	-0.31	0.5711			
	2	-0.2107	0.6323	-0.29	0.5785			
Single Mean	0	-19.0746	0.0098	-3.41	0.0138	5.82	0.0197	
	1	-19.1260	0.0096	-3.01	0.0392	4.52	0.0613	
	2	-22.5425	0.0035	-3.01	0.0390	4.53	0.0607	
Trend	0	-18.9783	0.0636	-3.23	0.0872	5.73	0.0875	
	1	-19.5436	0.0554	-2.90	0.1700	4.46	0.2966	
	2	-23.2541	0.0222	-2.90	0.1679	4.48	0.2939	

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

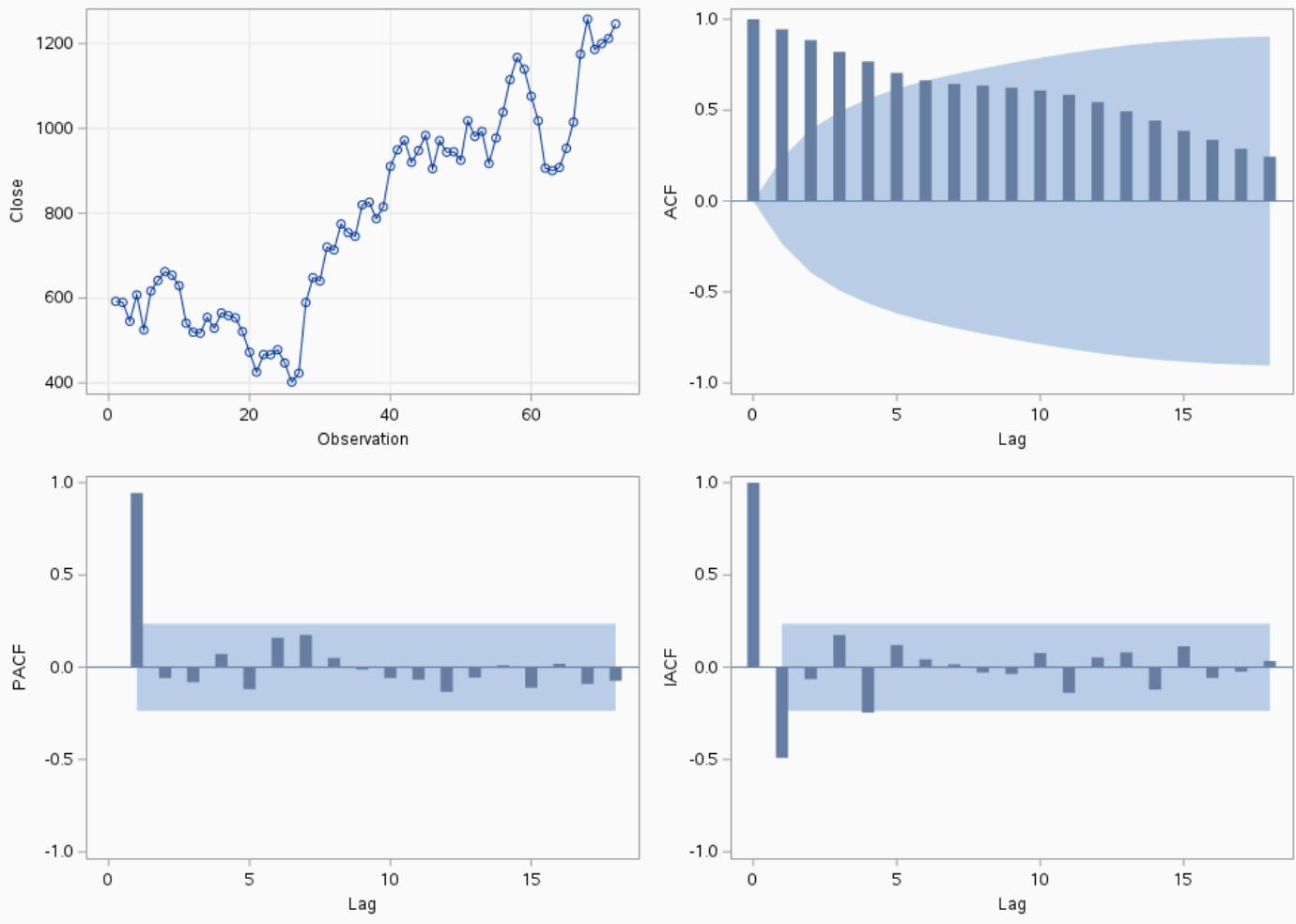
The ARIMA Procedure

Name=CIPLA

Name of Variable = Close	
Mean of Working Series	793.2417
Standard Deviation	240.6419
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	299.72	6	<.0001	0.944	0.885	0.821	0.767	0.705
12	487.89	12	<.0001	0.643	0.635	0.623	0.607	0.584
18	566.42	18	<.0001	0.493	0.442	0.386	0.336	0.287

Augmented Dickey-Fuller Unit Root Tests							
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F
Zero Mean	0	0.7278	0.8567	1.28	0.9481		
	1	0.6956	0.8494	1.08	0.9252		
	2	0.7199	0.8548	1.04	0.9211		
Single Mean	0	-0.4210	0.9303	-0.21	0.9313	0.99	0.8187
	1	-0.9369	0.8890	-0.41	0.9011	0.86	0.8531
	2	-1.5043	0.8316	-0.60	0.8630	0.99	0.8206
Trend	0	-9.4820	0.4448	-2.32	0.4186	3.16	0.5509
	1	-13.0829	0.2286	-2.60	0.2816	3.75	0.4358
	2	-16.4991	0.1108	-2.67	0.2517	3.77	0.4329

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

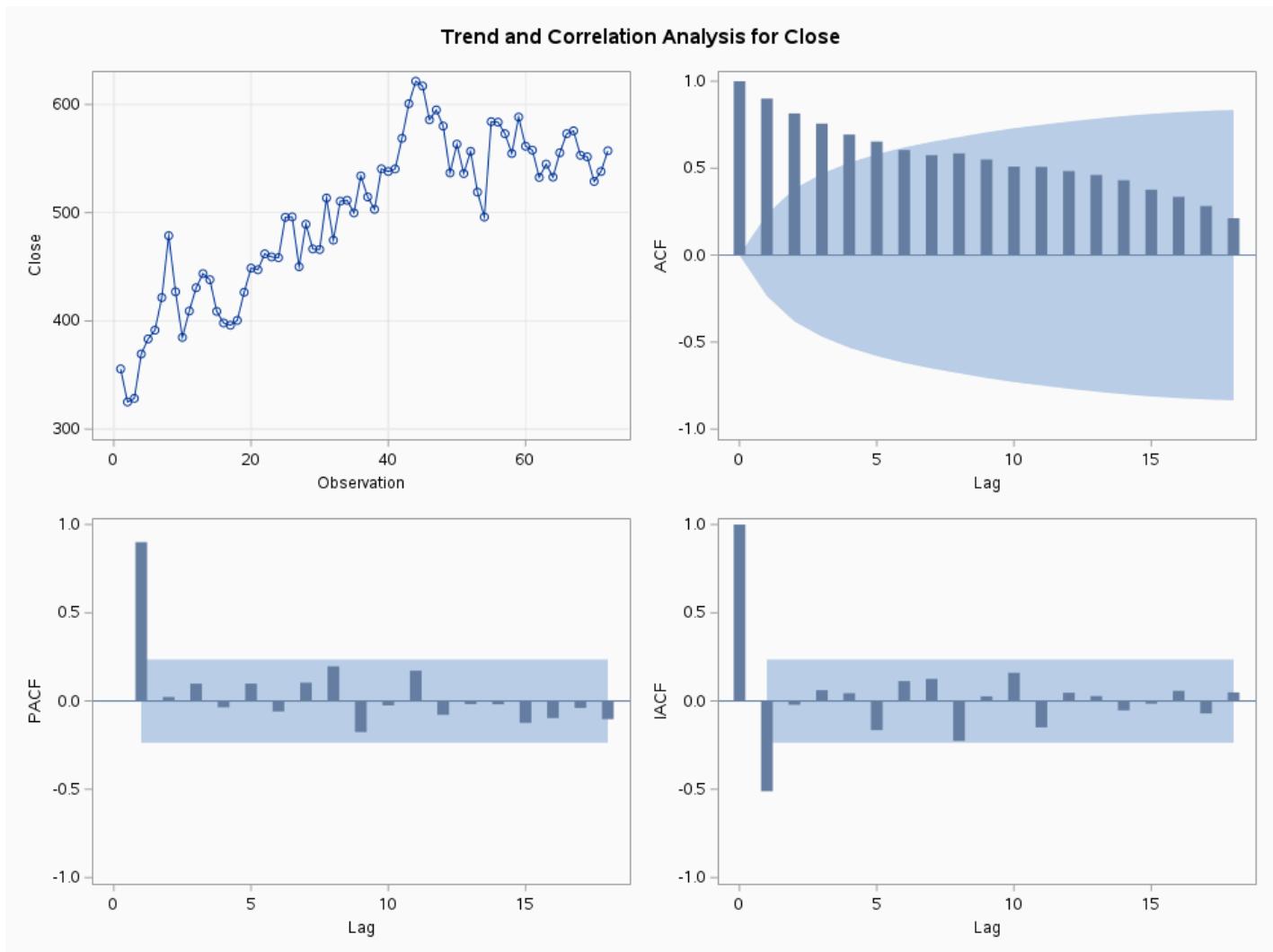
The ARIMA Procedure

Name=DABUR

Name of Variable = Close	
Mean of Working Series	498.0417
Standard Deviation	72.51296
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	256.64	6	<.0001	0.900	0.815	0.756	0.694	0.653
12	403.21	12	<.0001	0.575	0.585	0.550	0.509	0.507
18	475.50	18	<.0001	0.461	0.430	0.376	0.335	0.282

Augmented Dickey-Fuller Unit Root Tests								
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F	
Zero Mean	0	0.2622	0.7421	0.58	0.8385			
	1	0.3210	0.7569	0.85	0.8911			
	2	0.3317	0.7596	1.09	0.9274			
Single Mean	0	-6.4433	0.2999	-2.11	0.2420	2.63	0.4075	
	1	-6.2631	0.3133	-2.36	0.1577	3.52	0.1844	
	2	-5.3251	0.3921	-2.44	0.1350	4.08	0.0870	
Trend	0	-17.8389	0.0827	-3.09	0.1157	5.02	0.1889	
	1	-16.7070	0.1062	-2.89	0.1712	4.83	0.2254	
	2	-12.4670	0.2577	-2.41	0.3687	4.04	0.3792	



Historical Closing Price Of The Stock

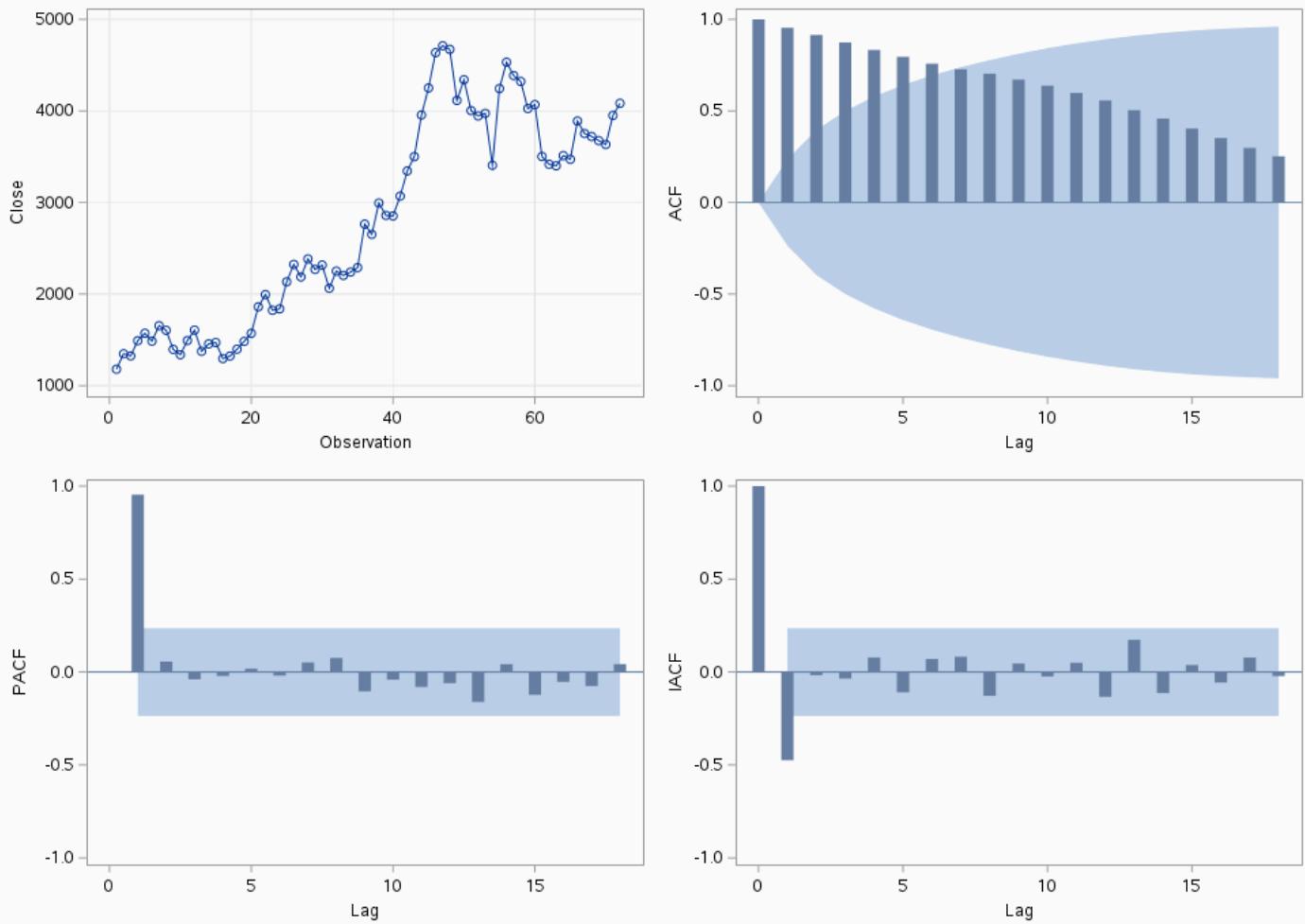
The ARIMA Procedure

Name=DMART

Name of Variable = Close	
Mean of Working Series	2787.051
Standard Deviation	1118.551
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	341.90	6	<.0001	0.954	0.915	0.874	0.833	0.795
12	558.16	12	<.0001	0.727	0.703	0.671	0.638	0.599
18	642.16	18	<.0001	0.504	0.458	0.404	0.352	0.298

Augmented Dickey-Fuller Unit Root Tests							
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F
Zero Mean	0	0.6294	0.8342	0.93	0.9049		
	1	0.6275	0.8337	0.98	0.9126		
	2	0.5884	0.8243	0.80	0.8825		
Single Mean	0	-1.9512	0.7799	-1.09	0.7155	1.65	0.6538
	1	-1.6199	0.8187	-0.95	0.7649	1.51	0.6890
	2	-2.0470	0.7682	-1.04	0.7326	1.38	0.7232
Trend	0	-7.3344	0.6177	-1.88	0.6545	1.81	0.8163
	1	-6.8983	0.6547	-1.76	0.7134	1.57	0.8629
	2	-10.4270	0.3769	-2.07	0.5534	2.16	0.7481

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

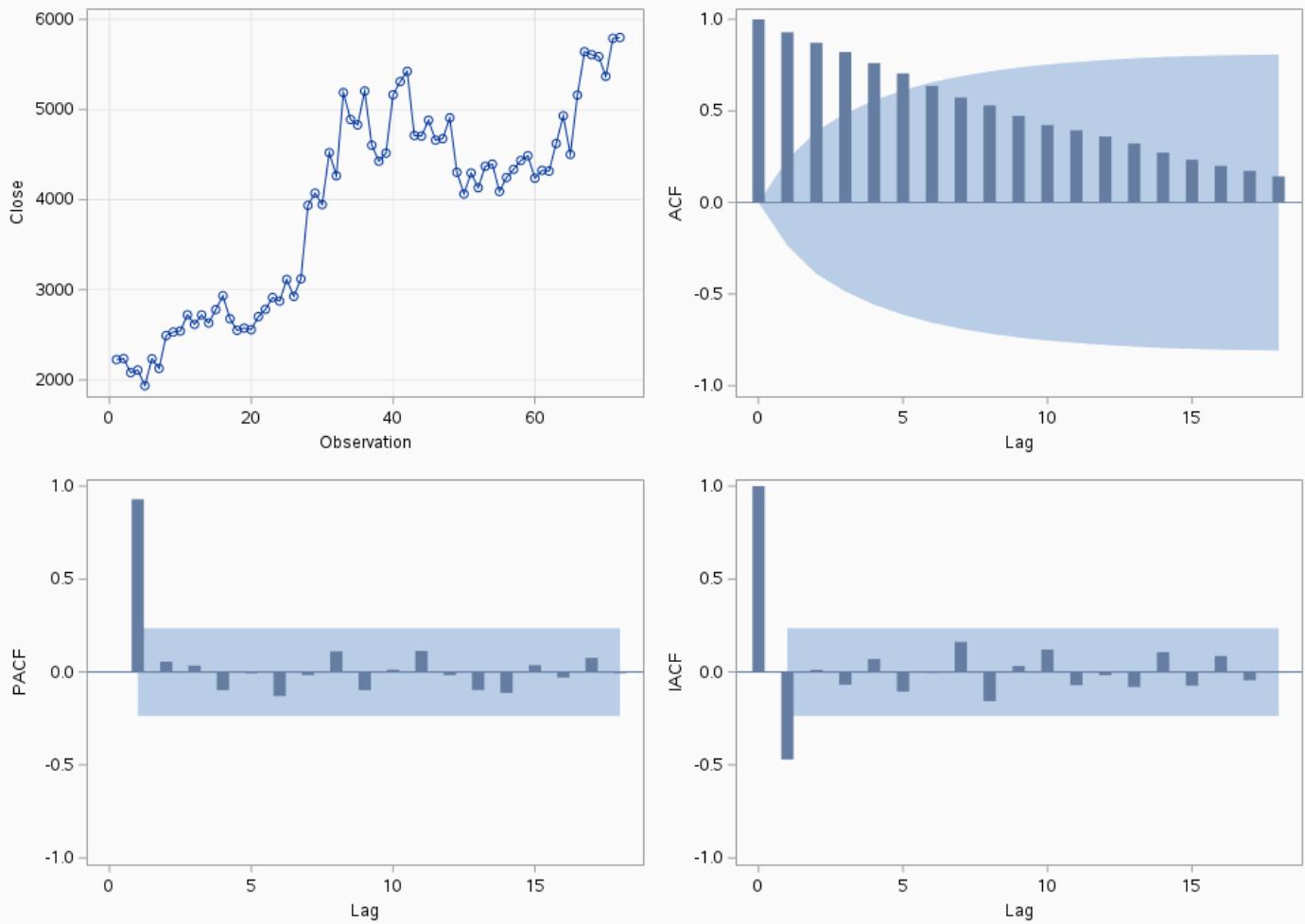
The ARIMA Procedure

Name=DRREDD

Name of Variable = Close	
Mean of Working Series	3910.785
Standard Deviation	1122.543
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	292.39	6	<.0001	0.930	0.872	0.822	0.761	0.705
12	401.96	12	<.0001	0.572	0.530	0.473	0.423	0.394
18	431.87	18	<.0001	0.321	0.272	0.233	0.199	0.173

Augmented Dickey-Fuller Unit Root Tests							
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F
Zero Mean	0	0.6834	0.8467	1.10	0.9277		
	1	0.7408	0.8594	1.43	0.9609		
	2	0.7624	0.8640	1.60	0.9721		
Single Mean	0	-2.2234	0.7467	-0.98	0.7553	1.50	0.6920
	1	-1.4743	0.8349	-0.77	0.8215	1.76	0.6278
	2	-1.4684	0.8355	-0.83	0.8046	2.16	0.5271
Trend	0	-9.8927	0.4150	-2.25	0.4566	2.53	0.6742
	1	-7.2436	0.6251	-1.83	0.6777	1.70	0.8383
	2	-6.3352	0.7026	-1.68	0.7516	1.40	0.8952

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

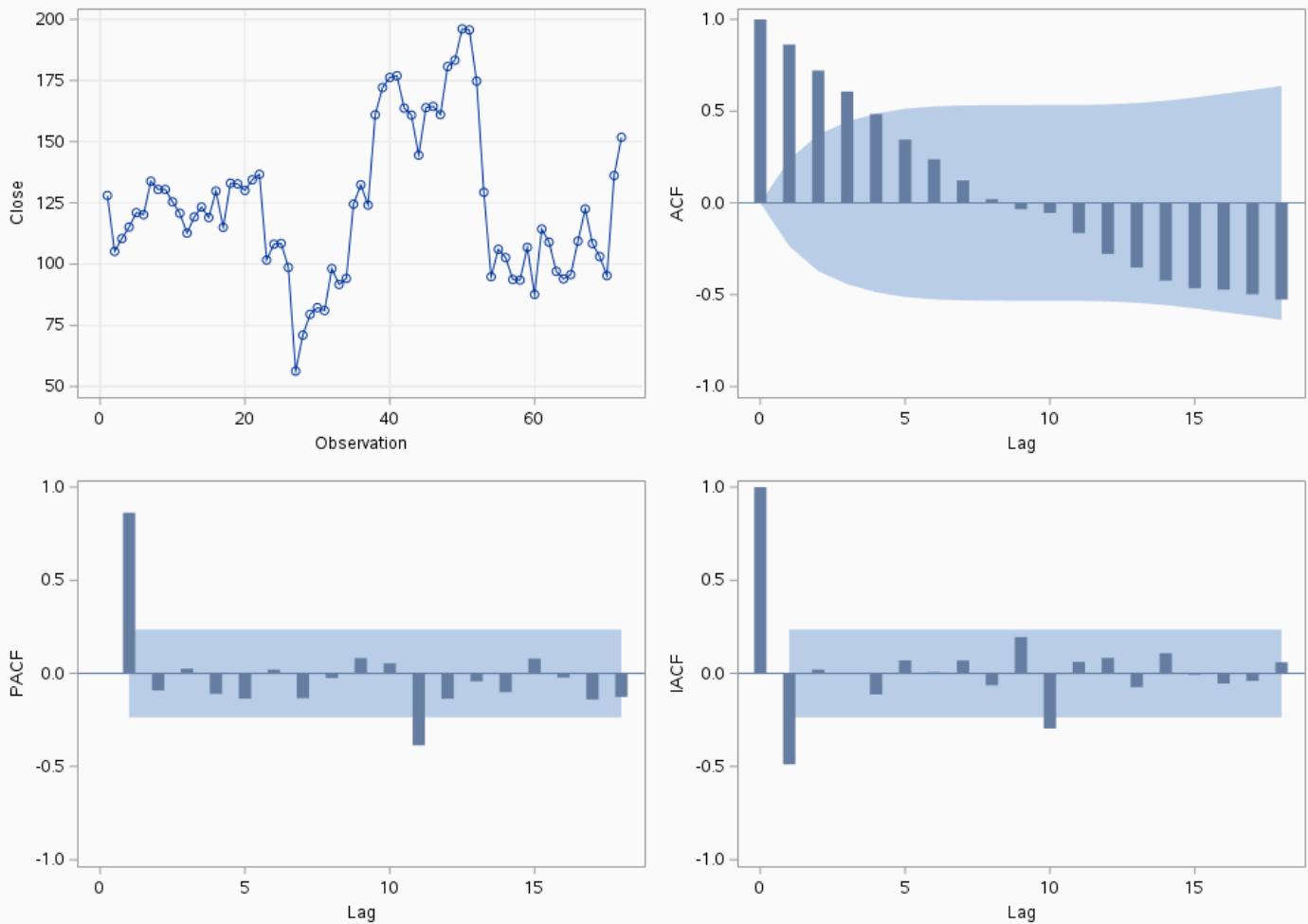
The ARIMA Procedure

Name=EXPEDI

Name of Variable = Close	
Mean of Working Series	123.6828
Standard Deviation	30.32767
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	156.24	6	<.0001	0.863	0.721	0.607	0.484	0.345 0.237
12	167.04	12	<.0001	0.123	0.021	-0.034	-0.055	-0.164 -0.277
18	287.48	18	<.0001	-0.352	-0.424	-0.465	-0.472	-0.498 -0.526

Augmented Dickey-Fuller Unit Root Tests							
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F
Zero Mean	0	-0.3319	0.6049	-0.32	0.5674		
	1	-0.1903	0.6370	-0.17	0.6204		
	2	-0.2211	0.6299	-0.21	0.6080		
Single Mean	0	-8.9882	0.1577	-2.11	0.2425	2.24	0.5072
	1	-11.1886	0.0885	-2.28	0.1803	2.67	0.3985
	2	-11.9081	0.0728	-2.23	0.1978	2.53	0.4337
Trend	0	-9.0610	0.4767	-2.11	0.5308	2.32	0.7153
	1	-11.2132	0.3275	-2.27	0.4436	2.59	0.6642
	2	-11.9978	0.2822	-2.22	0.4696	2.49	0.6835

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

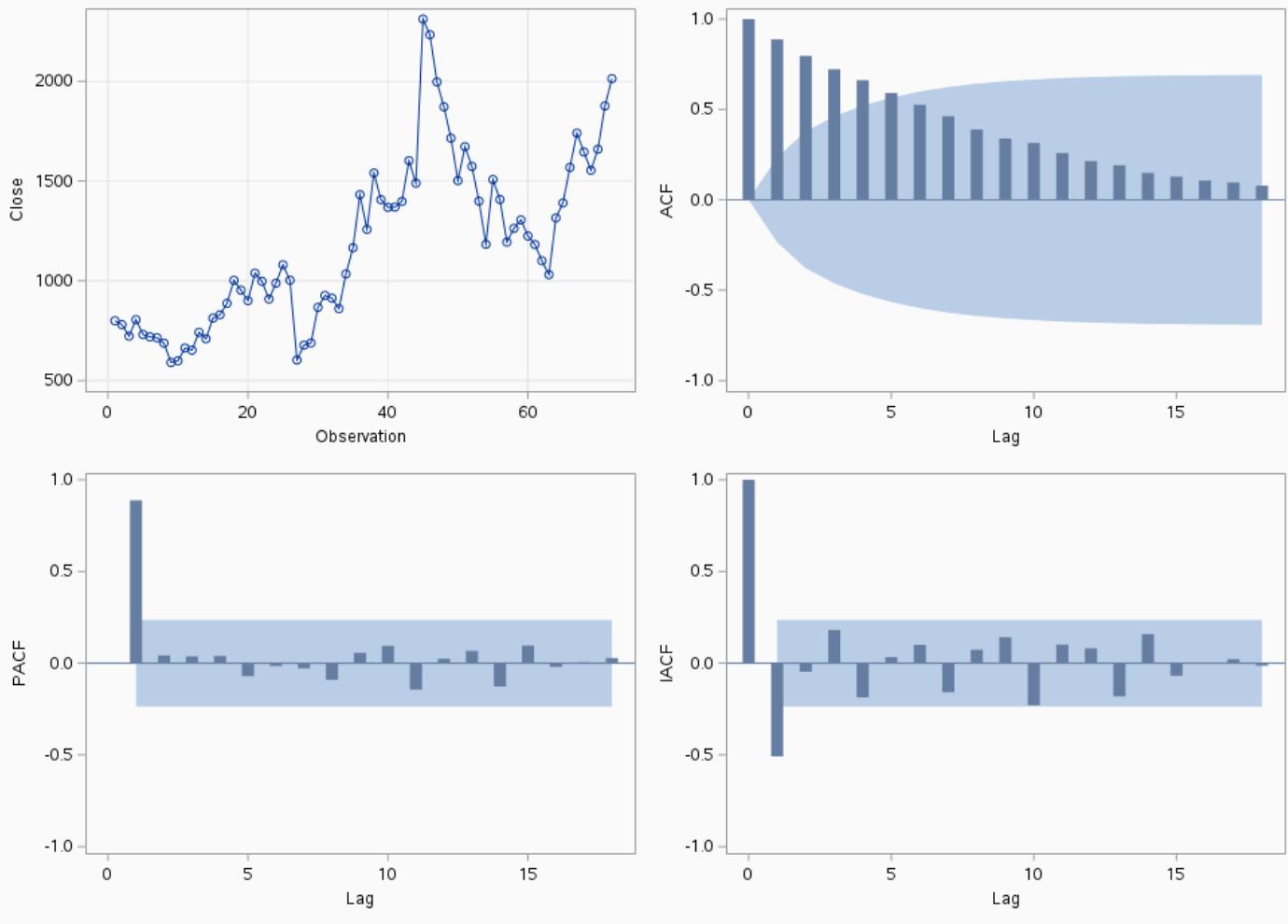
The ARIMA Procedure

Name=GODREJ

Name of Variable = Close	
Mean of Working Series	1185.542
Standard Deviation	418.0329
Number of Observations	72

Autocorrelation Check for White Noise									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	232.00	6	<.0001	0.887	0.796	0.722	0.662	0.591	0.525
12	290.20	12	<.0001	0.462	0.389	0.339	0.314	0.259	0.214
18	299.63	18	<.0001	0.191	0.149	0.128	0.107	0.096	0.078

Augmented Dickey-Fuller Unit Root Tests								
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F	
Zero Mean	0	0.4576	0.7918	0.40	0.7963			
	1	0.5583	0.8170	0.53	0.8272			
	2	0.6104	0.8296	0.60	0.8430			
Single Mean	0	-4.2864	0.4973	-1.24	0.6519	1.14	0.7817	
	1	-3.7136	0.5623	-1.10	0.7102	1.05	0.8052	
	2	-3.7117	0.5624	-1.10	0.7130	1.10	0.7912	
Trend	0	-12.8294	0.2409	-2.55	0.3023	3.42	0.5008	
	1	-12.4901	0.2570	-2.38	0.3885	2.98	0.5870	
	2	-13.1691	0.2242	-2.30	0.4256	2.77	0.6282	

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

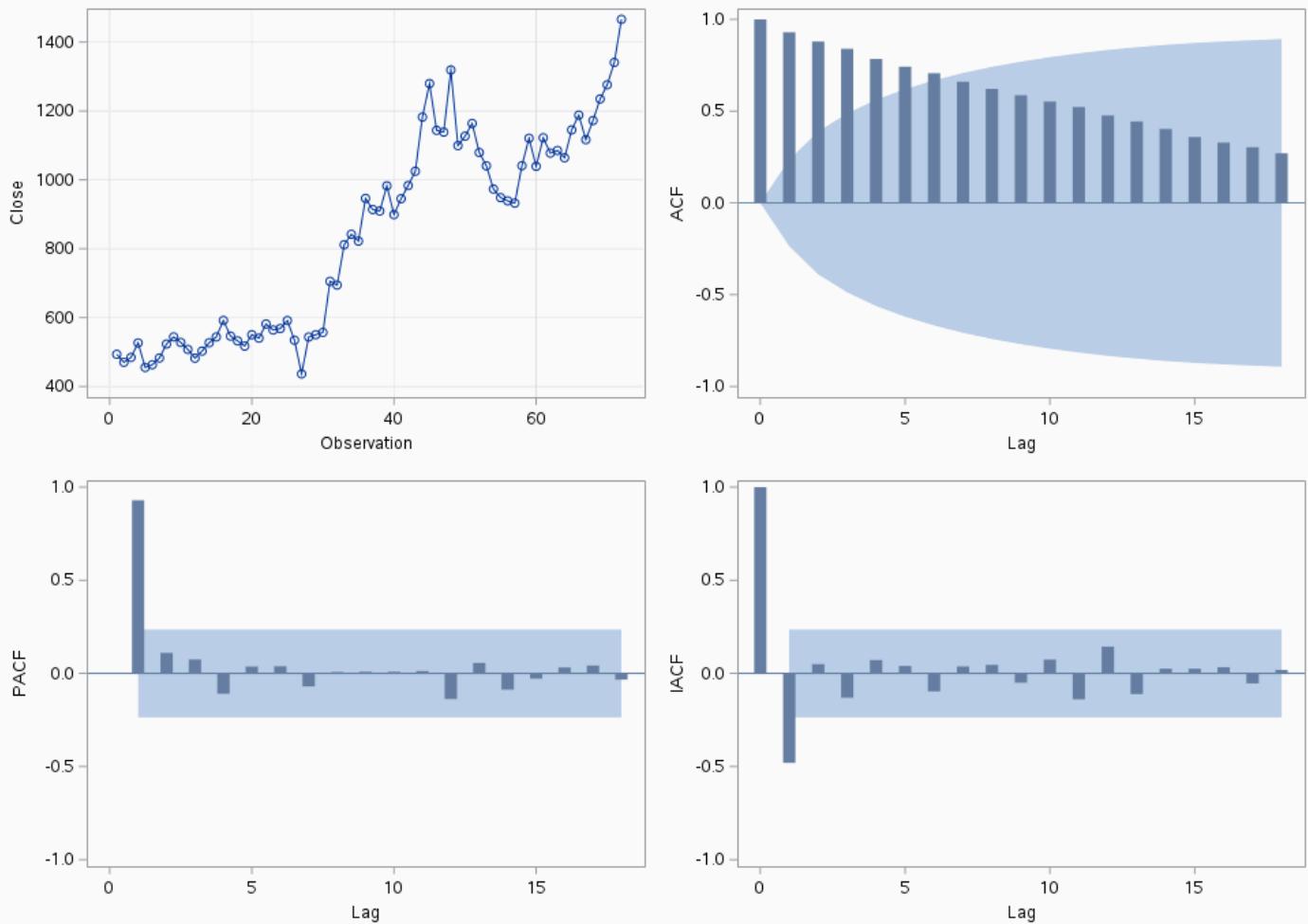
The ARIMA Procedure

Name=HCLTEC

Name of Variable = Close	
Mean of Working Series	834.3549
Standard Deviation	291.0068
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	310.52	6	<.0001	0.930	0.879	0.840	0.785	0.742
12	477.55	12	<.0001	0.660	0.621	0.587	0.552	0.522
18	548.65	18	<.0001	0.444	0.403	0.359	0.328	0.303

Augmented Dickey-Fuller Unit Root Tests							
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F
Zero Mean	0	1.0264	0.9126	1.54	0.9690		
	1	1.0643	0.9183	1.92	0.9862		
	2	1.0506	0.9162	2.16	0.9923		
Single Mean	0	-0.2661	0.9404	-0.13	0.9415	1.40	0.7157
	1	0.1392	0.9618	0.08	0.9621	1.99	0.5696
	2	0.3783	0.9714	0.25	0.9740	2.43	0.4595
Trend	0	-11.6893	0.3002	-2.39	0.3802	3.28	0.5292
	1	-8.7068	0.5040	-1.94	0.6235	2.31	0.7180
	2	-6.9301	0.6516	-1.69	0.7469	1.92	0.7946

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

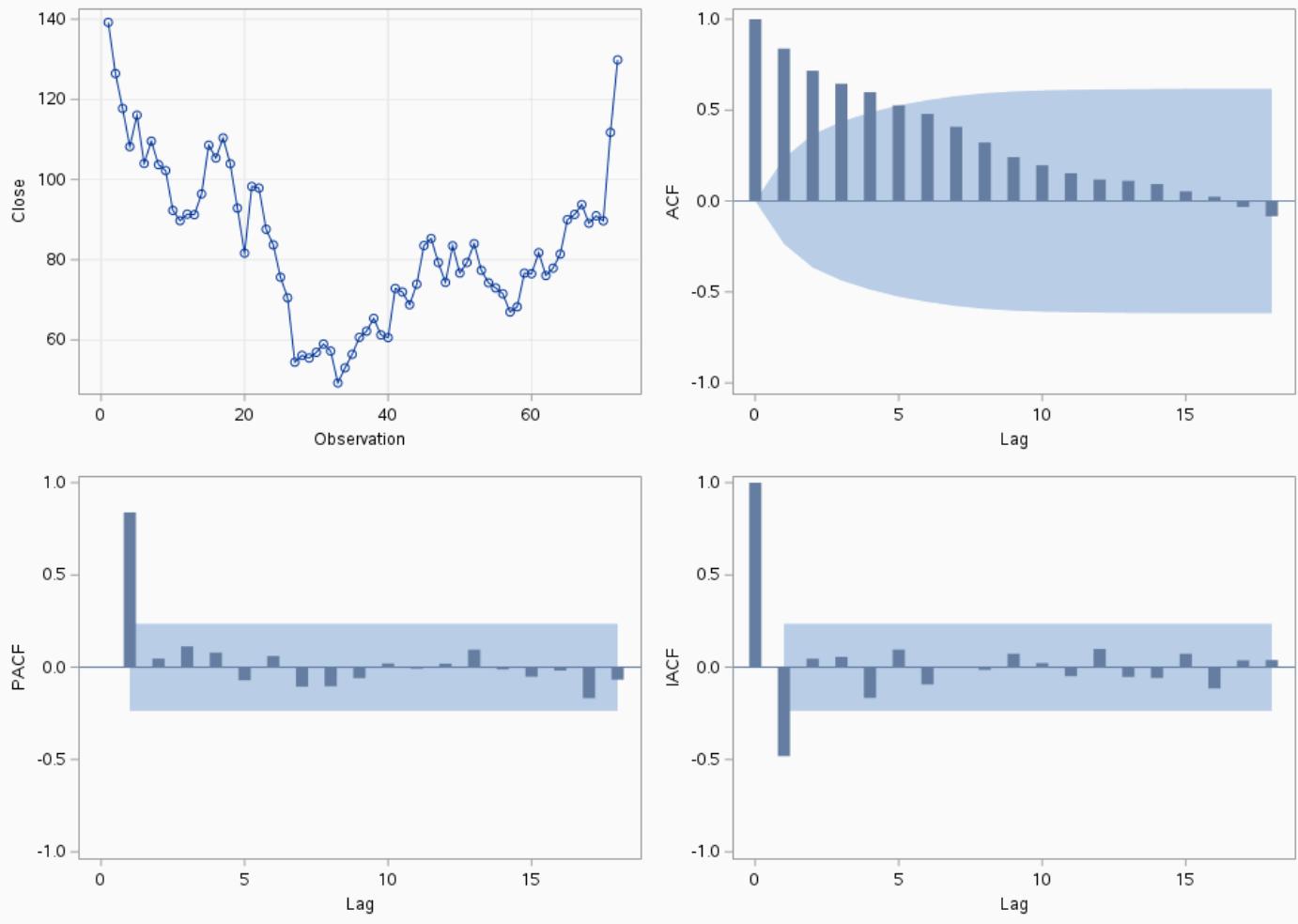
The ARIMA Procedure

Name=INDIAN

Name of Variable = Close	
Mean of Working Series	83.79792
Standard Deviation	19.60724
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	192.70	6	<.0001	0.838	0.717	0.645	0.599	0.526
12	226.51	12	<.0001	0.408	0.322	0.241	0.196	0.153
18	229.53	18	<.0001	0.111	0.093	0.054	0.024	-0.032

Augmented Dickey-Fuller Unit Root Tests							
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F
Zero Mean	0	-0.4314	0.5825	-0.60	0.4546		
	1	-0.1843	0.6383	-0.23	0.6020		
	2	-0.0177	0.6759	-0.02	0.6728		
Single Mean	0	-6.5649	0.2911	-2.06	0.2602	2.14	0.5317
	1	-6.2396	0.3151	-1.61	0.4745	1.30	0.7430
	2	-5.5355	0.3730	-1.32	0.6139	0.91	0.8397
Trend	0	-3.2321	0.9231	-0.96	0.9433	5.11	0.1703
	1	-2.5182	0.9524	-0.67	0.9714	3.38	0.5088
	2	-1.7070	0.9750	-0.46	0.9833	2.87	0.6078

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

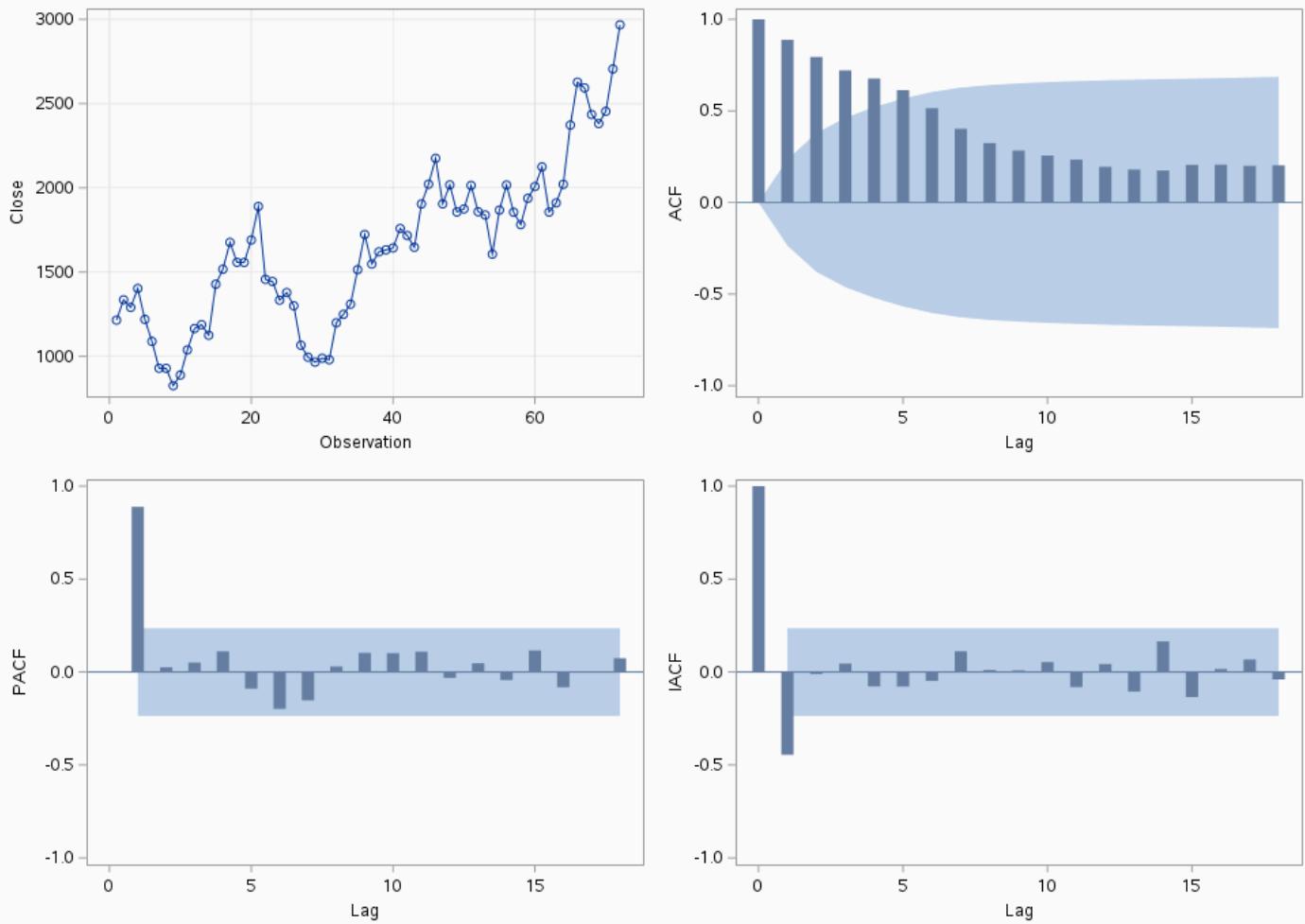
The ARIMA Procedure

Name=INDIGO

Name of Variable = Close	
Mean of Working Series	1644.647
Standard Deviation	478.2798
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	234.64	6	<.0001	0.888	0.794	0.721	0.677	0.614
12	277.20	12	<.0001	0.402	0.324	0.283	0.257	0.233
18	298.83	18	<.0001	0.180	0.175	0.205	0.206	0.200

Augmented Dickey-Fuller Unit Root Tests								
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F	
Zero Mean	0	0.9793	0.9051	1.26	0.9459			
	1	0.9072	0.8925	1.10	0.9281			
	2	0.9314	0.8968	1.15	0.9348			
Single Mean	0	-0.2754	0.9398	-0.09	0.9454	0.88	0.8468	
	1	-0.4109	0.9309	-0.13	0.9415	0.69	0.8948	
	2	-0.3669	0.9338	-0.11	0.9431	0.75	0.8799	
Trend	0	-10.4518	0.3762	-2.04	0.5694	2.83	0.6157	
	1	-14.5594	0.1690	-2.37	0.3905	3.73	0.4403	
	2	-16.3398	0.1148	-2.34	0.4084	3.56	0.4738	

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

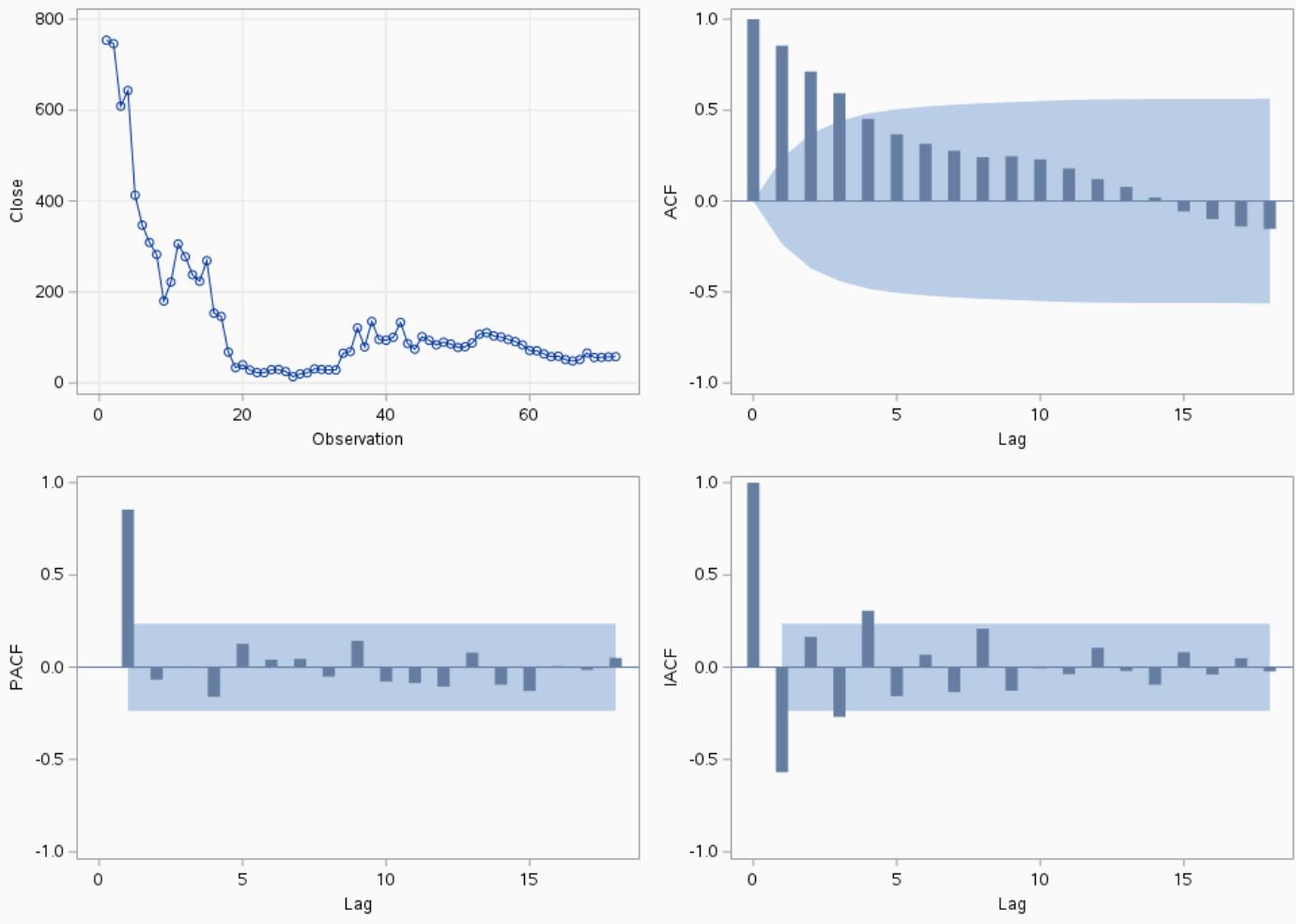
The ARIMA Procedure

Name=JETAIR

Name of Variable = Close	
Mean of Working Series	136.0896
Standard Deviation	158.8378
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	155.20	6	<.0001	0.855	0.712	0.593	0.451	0.367
12	180.04	12	<.0001	0.277	0.242	0.246	0.229	0.179
18	186.06	18	<.0001	0.077	0.019	-0.057	-0.099	-0.140

Augmented Dickey-Fuller Unit Root Tests								
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F	
Zero Mean	0	-7.9615	0.0476	-5.22	<.0001			
	1	-8.7150	0.0376	-6.48	<.0001			
	2	-8.2000	0.0441	-4.33	<.0001			
Single Mean	0	-10.0936	0.1183	-5.09	0.0001	15.34	0.0010	
	1	-11.3999	0.0836	-6.72	0.0001	25.63	0.0010	
	2	-11.3819	0.0839	-4.82	0.0002	12.44	0.0010	
Trend	0	-10.1640	0.3956	-4.09	0.0102	12.74	0.0010	
	1	-11.2523	0.3251	-5.57	0.0001	22.27	0.0010	
	2	-11.3945	0.3162	-4.31	0.0054	11.44	0.0010	

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

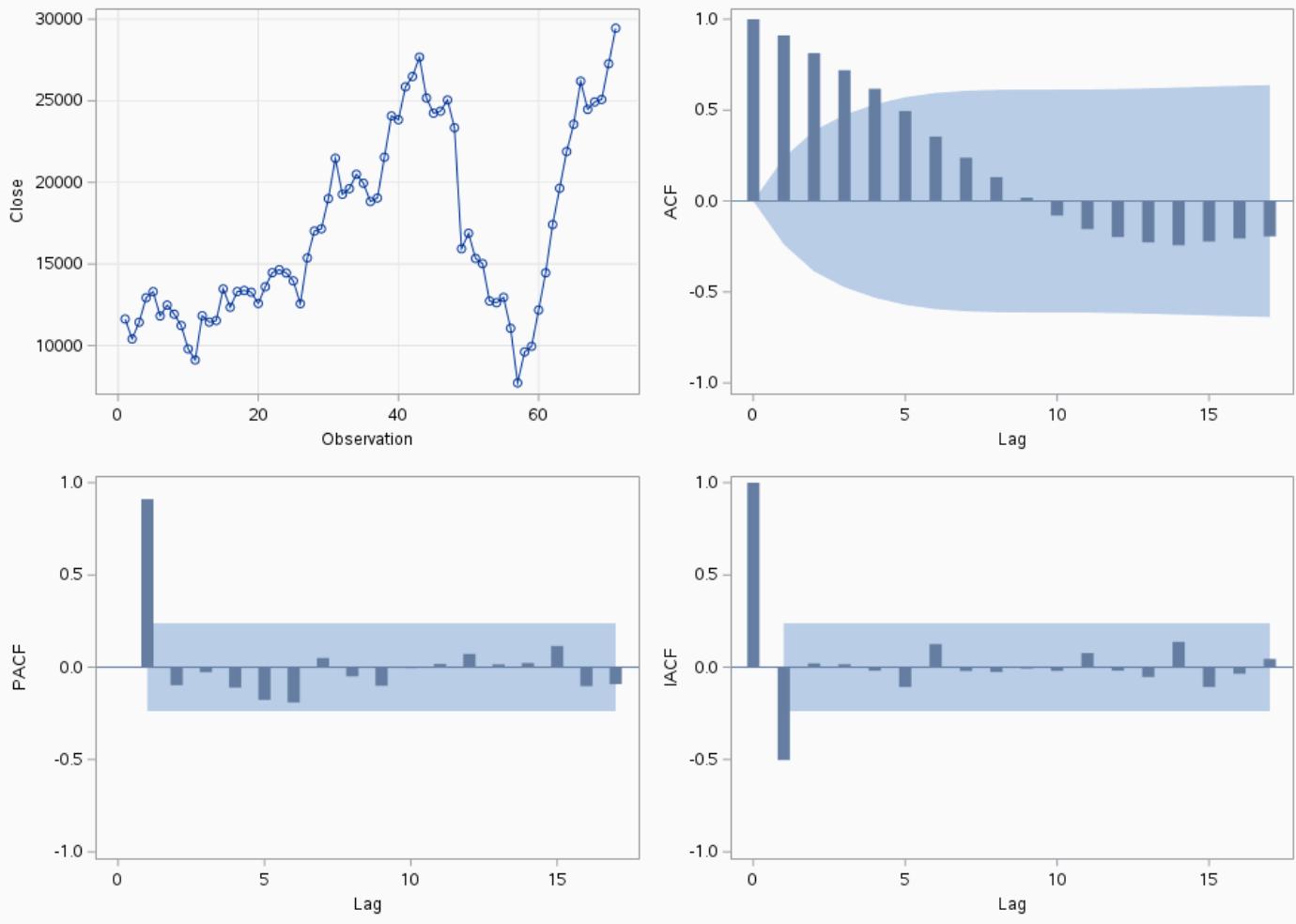
The ARIMA Procedure

Name=META

Name of Variable = Close	
Mean of Working Series	17014.67
Standard Deviation	5642.833
Number of Observations	71

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	209.30	6	<.0001	0.911	0.813	0.720	0.617	0.495
12	221.37	12	<.0001	0.239	0.131	0.019	-0.080	-0.154

Augmented Dickey-Fuller Unit Root Tests								
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F	
Zero Mean	0	0.8177	0.8755	0.98	0.9118			
	1	0.7657	0.8647	0.76	0.8754			
	2	0.6655	0.8424	0.60	0.8431			
Single Mean	0	-1.4519	0.8374	-0.54	0.8769	0.87	0.8509	
	1	-3.3143	0.6102	-0.98	0.7570	1.10	0.7922	
	2	-4.1487	0.5120	-1.05	0.7293	1.02	0.8123	
Trend	0	-3.6327	0.9024	-1.15	0.9125	1.01	0.9649	
	1	-5.9069	0.7388	-1.49	0.8235	1.28	0.9195	
	2	-7.6269	0.5919	-1.63	0.7709	1.56	0.8644	

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

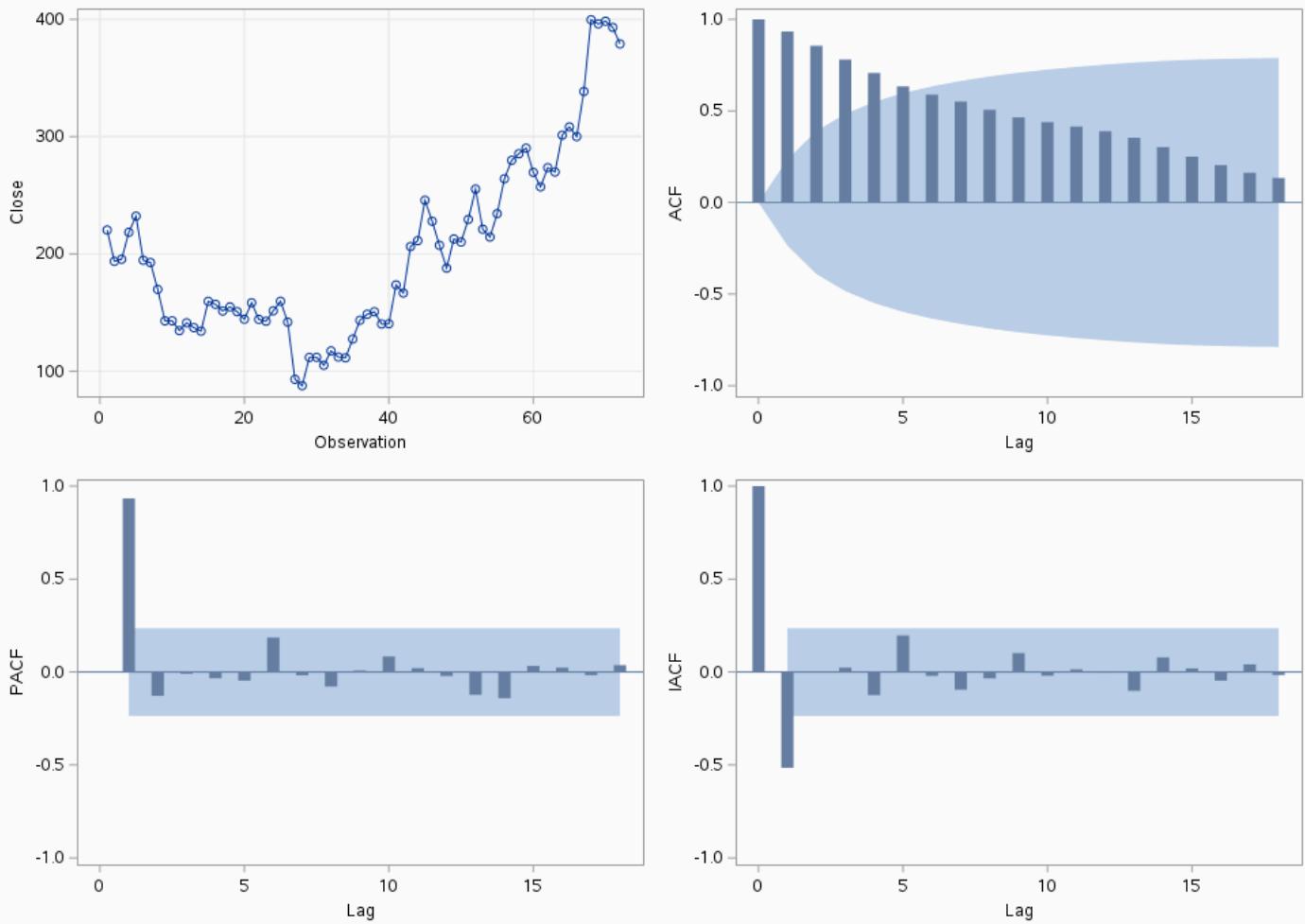
The ARIMA Procedure

Name=MHRIL

Name of Variable = Close	
Mean of Working Series	202.4616
Standard Deviation	78.07309
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	267.25	6	<.0001	0.934	0.856	0.780	0.707	0.634
12	376.65	12	<.0001	0.551	0.506	0.465	0.438	0.414
18	410.41	18	<.0001	0.353	0.302	0.250	0.204	0.162

Augmented Dickey-Fuller Unit Root Tests							
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F
Zero Mean	0	0.7481	0.8611	0.98	0.9121		
	1	0.8164	0.8752	0.95	0.9081		
	2	0.8872	0.8888	1.15	0.9338		
Single Mean	0	0.4347	0.9734	0.20	0.9709	0.49	0.9534
	1	-0.0679	0.9517	-0.03	0.9524	0.52	0.9438
	2	0.7334	0.9819	0.32	0.9777	0.65	0.9061
Trend	0	-5.4574	0.7761	-1.87	0.6581	4.14	0.3601
	1	-5.6708	0.7586	-1.71	0.7353	2.91	0.6009
	2	-4.6963	0.8342	-1.58	0.7919	3.49	0.4878

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

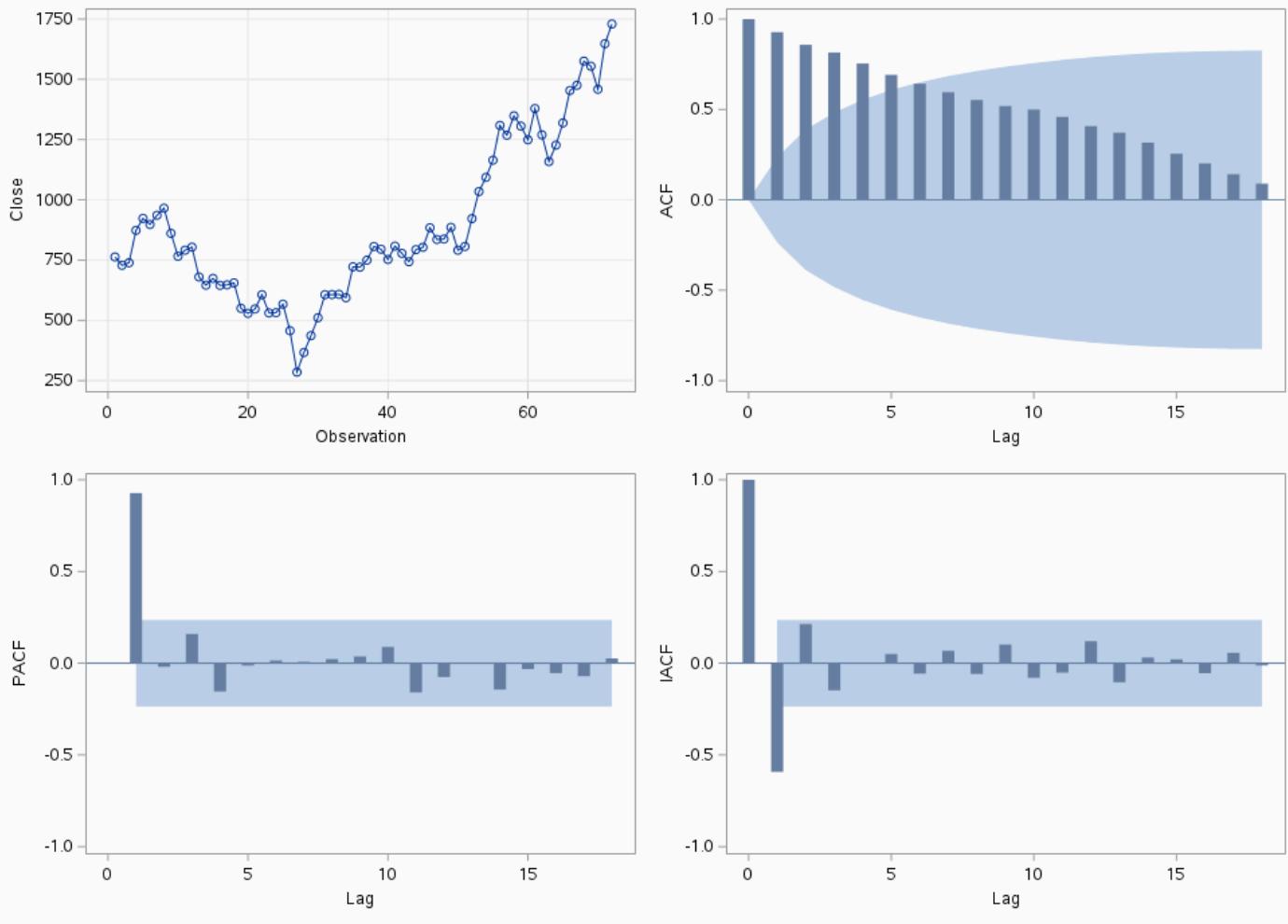
The ARIMA Procedure

Name=MM

Name of Variable = Close	
Mean of Working Series	885.8389
Standard Deviation	329.7371
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	287.65	6	<.0001	0.928	0.858	0.815	0.754	0.691
12	419.40	12	<.0001	0.595	0.552	0.519	0.499	0.459
18	453.66	18	<.0001	0.371	0.316	0.255	0.201	0.141
				0.090				

Augmented Dickey-Fuller Unit Root Tests							
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F
Zero Mean	0	1.1577	0.9311	1.71	0.9779		
	1	1.1646	0.9319	1.56	0.9697		
	2	1.1421	0.9290	1.84	0.9833		
Single Mean	0	1.5544	0.9946	0.77	0.9929	1.46	0.7023
	1	1.2646	0.9915	0.57	0.9878	1.19	0.7685
	2	1.6978	0.9957	0.93	0.9953	1.72	0.6376
Trend	0	-2.6398	0.9481	-0.95	0.9446	2.53	0.6742
	1	-2.9891	0.9340	-0.98	0.9402	2.13	0.7536
	2	-1.9236	0.9699	-0.77	0.9631	2.60	0.6615

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

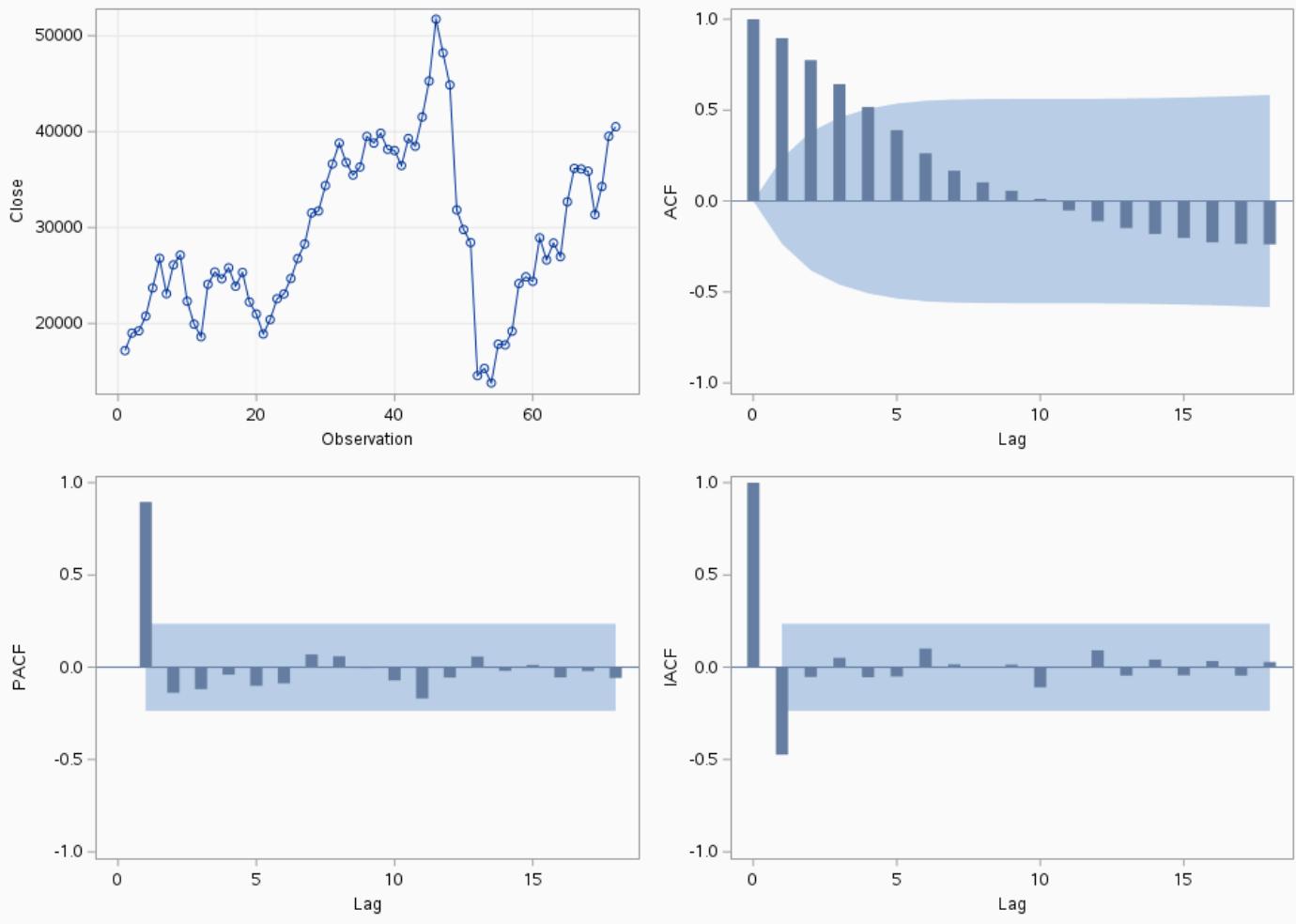
The ARIMA Procedure

Name=NFLX

Name of Variable = Close	
Mean of Working Series	29192.71
Standard Deviation	8619.654
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	176.40	6	<.0001	0.896	0.775	0.643	0.518	0.389
12	181.15	12	<.0001	0.167	0.102	0.057	0.012	-0.052
18	205.86	18	<.0001	-0.148	-0.180	-0.203	-0.227	-0.236

Augmented Dickey-Fuller Unit Root Tests								
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F	
Zero Mean		0	0.2734	0.7449	0.28	0.7652		
		1	0.0870	0.6998	0.08	0.7045		
		2	-0.0576	0.6669	-0.04	0.6652		
Single Mean		0	-5.8051	0.3502	-1.73	0.4108	1.83	
		1	-8.1333	0.1961	-1.95	0.3071	2.11	
		2	-12.1329	0.0686	-2.26	0.1864	2.73	
Trend		0	-6.5385	0.6857	-1.82	0.6841	1.66	
		1	-9.3146	0.4569	-2.08	0.5460	2.17	
		2	-14.1915	0.1820	-2.42	0.3642	2.94	
							0.5947	

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

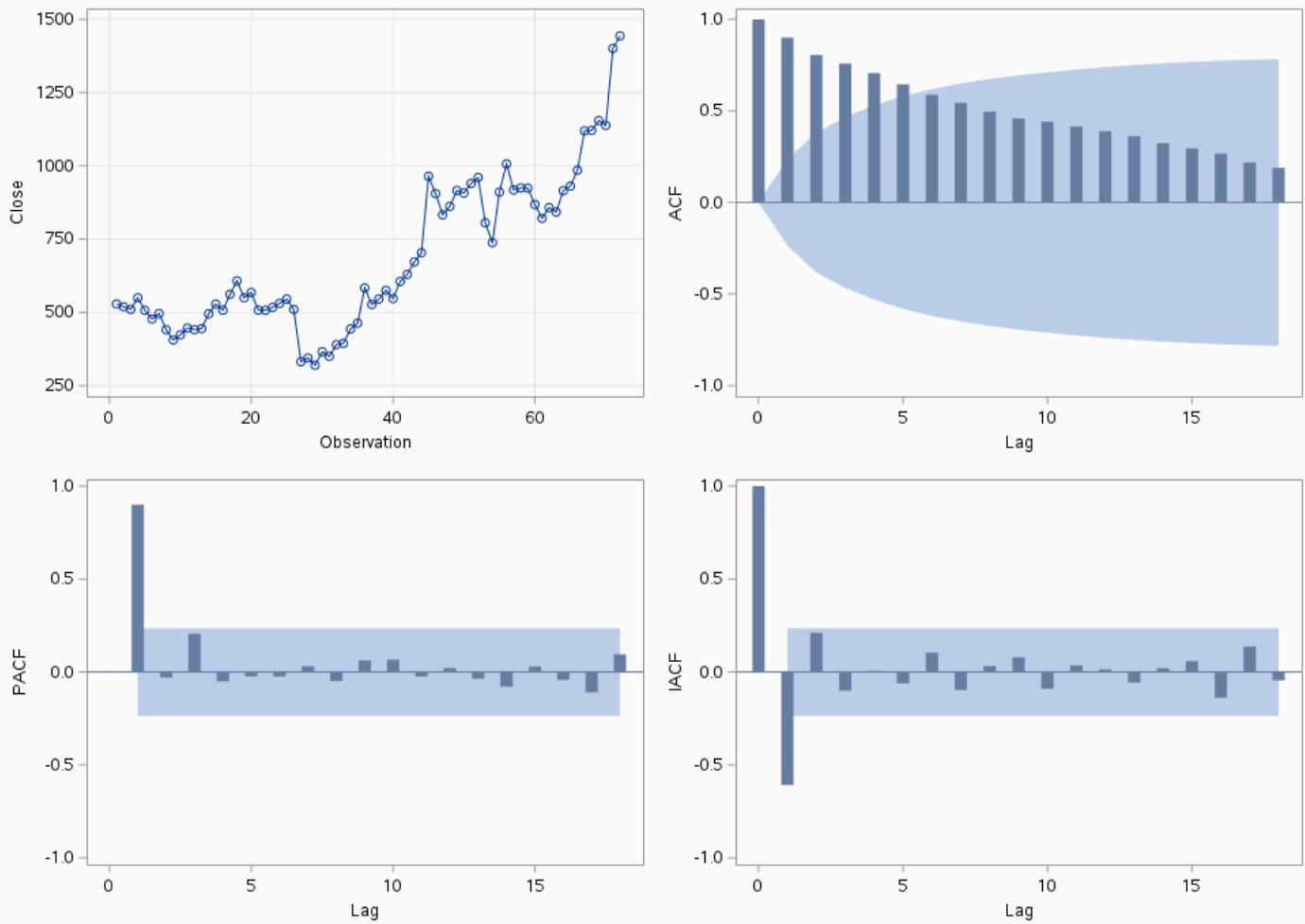
The ARIMA Procedure

Name=OBEROI

Name of Variable = Close	
Mean of Working Series	680.9312
Standard Deviation	258.9833
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	254.70	6	<.0001	0.900	0.805	0.759	0.707	0.645
12	362.32	12	<.0001	0.544	0.496	0.459	0.441	0.415
18	406.84	18	<.0001	0.362	0.324	0.295	0.266	0.218

Augmented Dickey-Fuller Unit Root Tests							
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F
Zero Mean	0	1.4211	0.9584	1.72	0.9785		
	1	1.4391	0.9598	1.71	0.9783		
	2	1.4170	0.9579	1.98	0.9881		
Single Mean	0	1.8462	0.9966	0.76	0.9927	1.47	0.6982
	1	1.9815	0.9973	0.79	0.9932	1.48	0.6976
	2	2.3160	0.9984	1.10	0.9972	2.06	0.5525
Trend	0	-5.8595	0.7432	-1.37	0.8600	2.66	0.6495
	1	-6.1808	0.7160	-1.33	0.8727	2.58	0.6650
	2	-4.2355	0.8659	-1.04	0.9308	2.57	0.6675

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

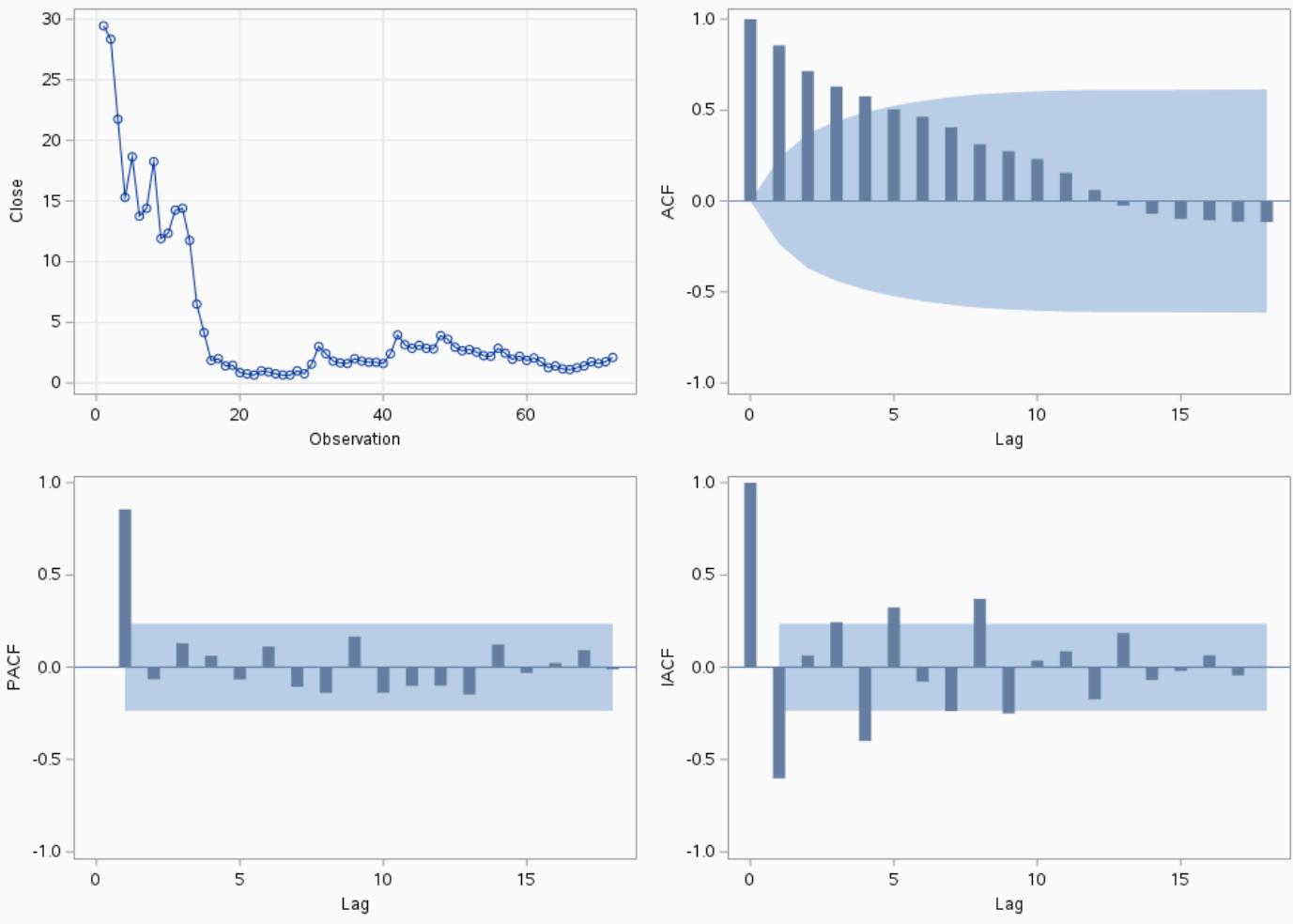
The ARIMA Procedure

Name=RCOMMU

Name of Variable = Close	
Mean of Working Series	4.784028
Standard Deviation	6.409546
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	187.95	6	<.0001	0.856	0.715	0.630	0.576	0.504
12	222.82	12	<.0001	0.405	0.311	0.274	0.231	0.155
18	227.84	18	<.0001	-0.025	-0.070	-0.098	-0.105	-0.113

Augmented Dickey-Fuller Unit Root Tests								
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F	
Zero Mean	0	-8.5004	0.0402	-5.17	<.0001			
	1	-9.2772	0.0315	-5.59	<.0001			
	2	-7.5770	0.0536	-4.61	<.0001			
Single Mean	0	-10.0828	0.1186	-4.93	0.0002	14.31	0.0010	
	1	-11.3076	0.0857	-5.58	0.0001	17.48	0.0010	
	2	-9.1530	0.1507	-4.54	0.0005	11.67	0.0010	
Trend	0	-10.5246	0.3714	-3.95	0.0149	12.03	0.0010	
	1	-11.8402	0.2913	-4.65	0.0019	15.39	0.0010	
	2	-8.8141	0.4951	-3.69	0.0299	10.20	0.0010	

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

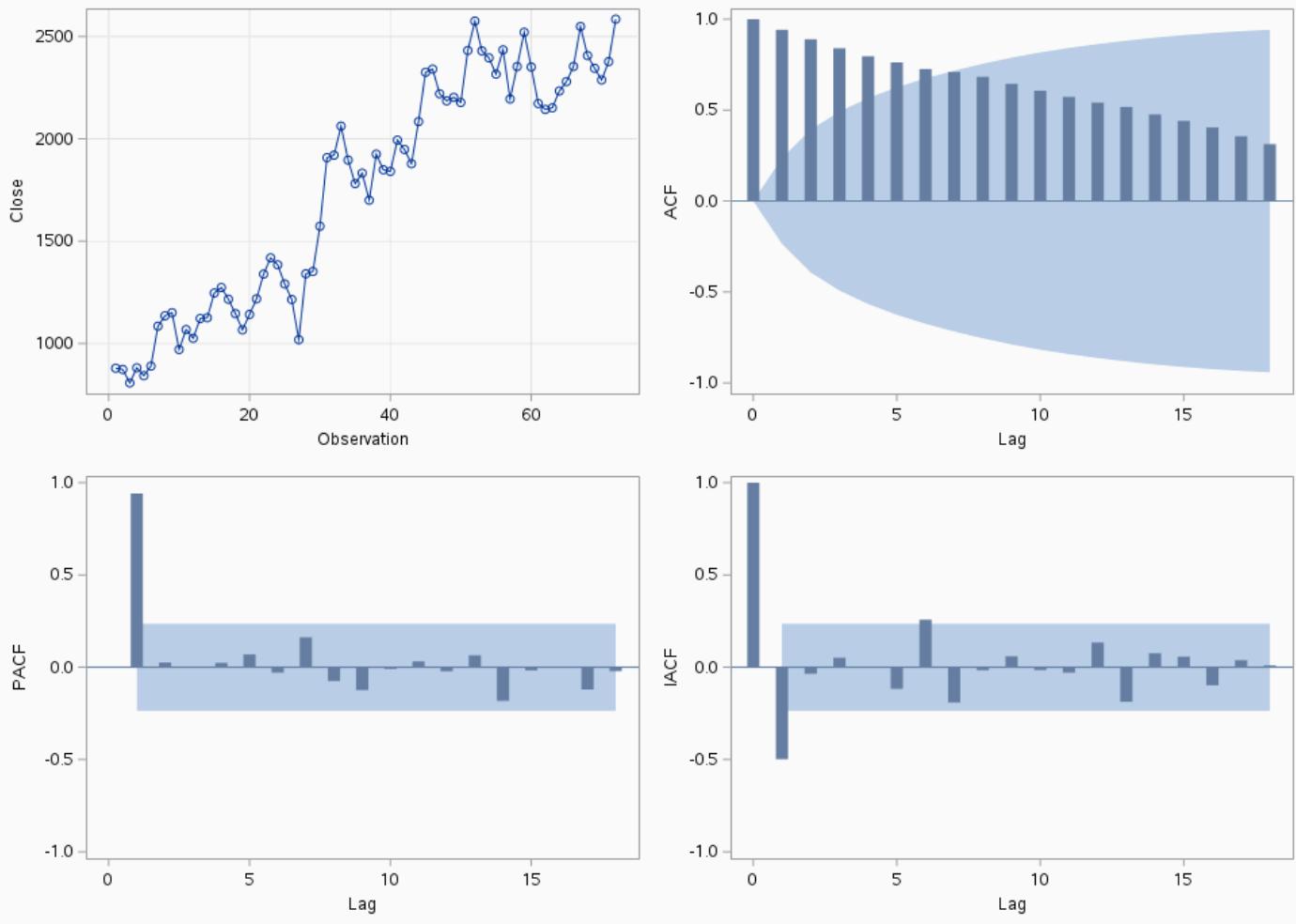
The ARIMA Procedure

Name=RINDUS

Name of Variable = Close	
Mean of Working Series	1750.761
Standard Deviation	562.8048
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	319.64	6	<.0001	0.942	0.890	0.840	0.796	0.762
12	521.08	12	<.0001	0.709	0.683	0.644	0.606	0.573
18	621.71	18	<.0001	0.517	0.476	0.440	0.404	0.356

Augmented Dickey-Fuller Unit Root Tests							
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F
Zero Mean	0	0.7051	0.8516	1.18	0.9372		
	1	0.7000	0.8504	1.15	0.9344		
	2	0.7165	0.8540	1.24	0.9442		
Single Mean	0	-1.9757	0.7770	-1.01	0.7437	1.75	0.6300
	1	-2.1033	0.7614	-1.06	0.7276	1.77	0.6232
	2	-2.2083	0.7484	-1.17	0.6845	2.11	0.5386
Trend	0	-16.8660	0.1029	-3.02	0.1338	4.57	0.2770
	1	-21.7496	0.0325	-3.18	0.0975	5.05	0.1816
	2	-26.1759	0.0104	-3.14	0.1047	4.99	0.1940

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

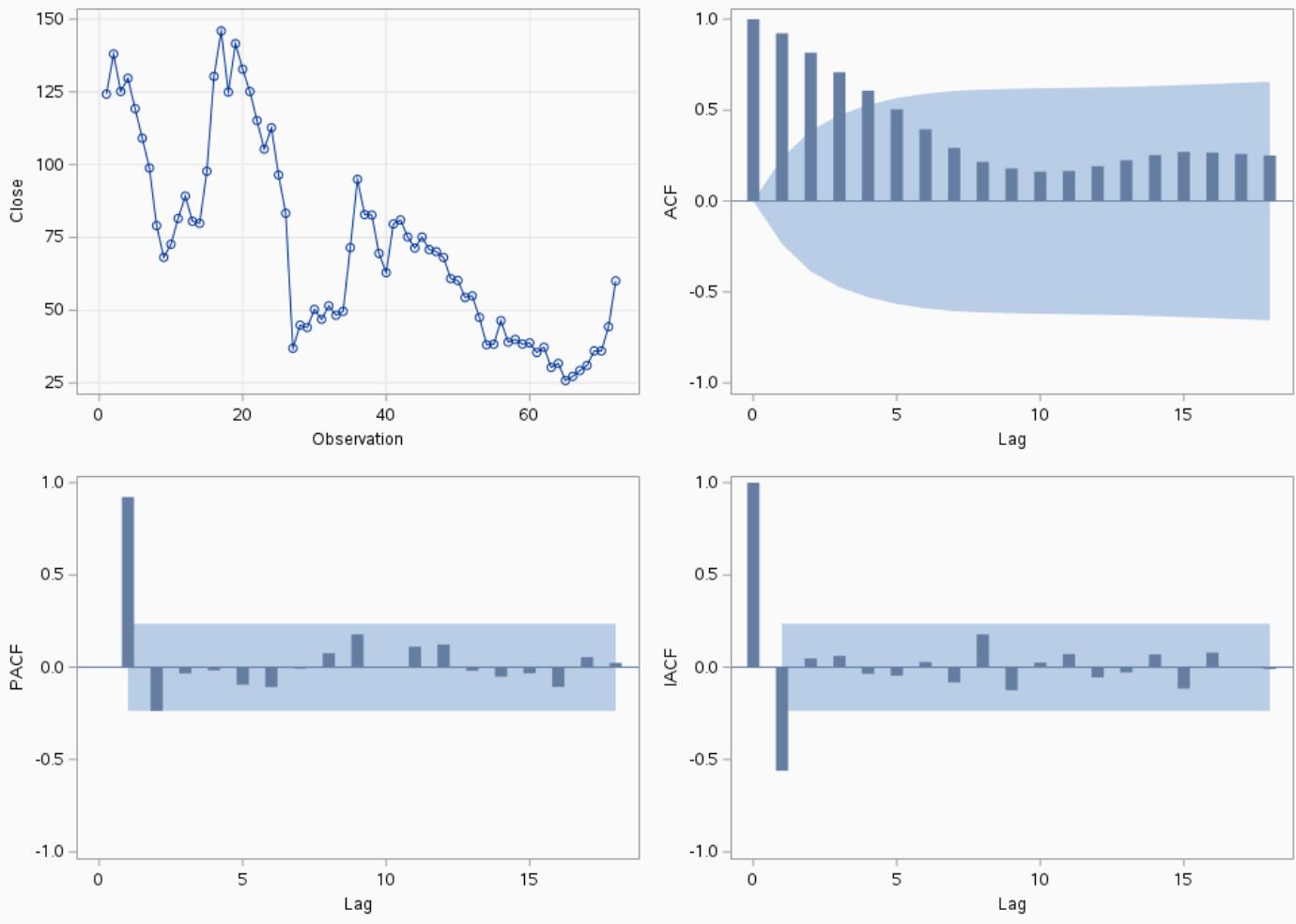
The ARIMA Procedure

Name=SPICEJ

Name of Variable = Close	
Mean of Working Series	72.44056
Standard Deviation	33.20683
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	214.78	6	<.0001	0.922	0.816	0.708	0.607	0.504
12	236.21	12	<.0001	0.292	0.215	0.179	0.161	0.165
18	272.85	18	<.0001	0.225	0.252	0.270	0.266	0.259

Augmented Dickey-Fuller Unit Root Tests							
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F
Zero Mean	0	-1.6673	0.3698	-1.38	0.1549		
	1	-2.2549	0.2999	-1.61	0.1016		
	2	-2.0513	0.3224	-1.34	0.1663		
Single Mean	0	-5.3678	0.3885	-1.87	0.3457	1.97	0.5747
	1	-8.3010	0.1879	-2.39	0.1488	3.10	0.2901
	2	-9.1995	0.1489	-2.25	0.1900	2.66	0.4019
Trend	0	-10.0968	0.4003	-2.14	0.5142	2.55	0.6702
	1	-16.7395	0.1054	-2.73	0.2289	4.20	0.3480
	2	-24.3762	0.0167	-2.94	0.1556	4.59	0.2728

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

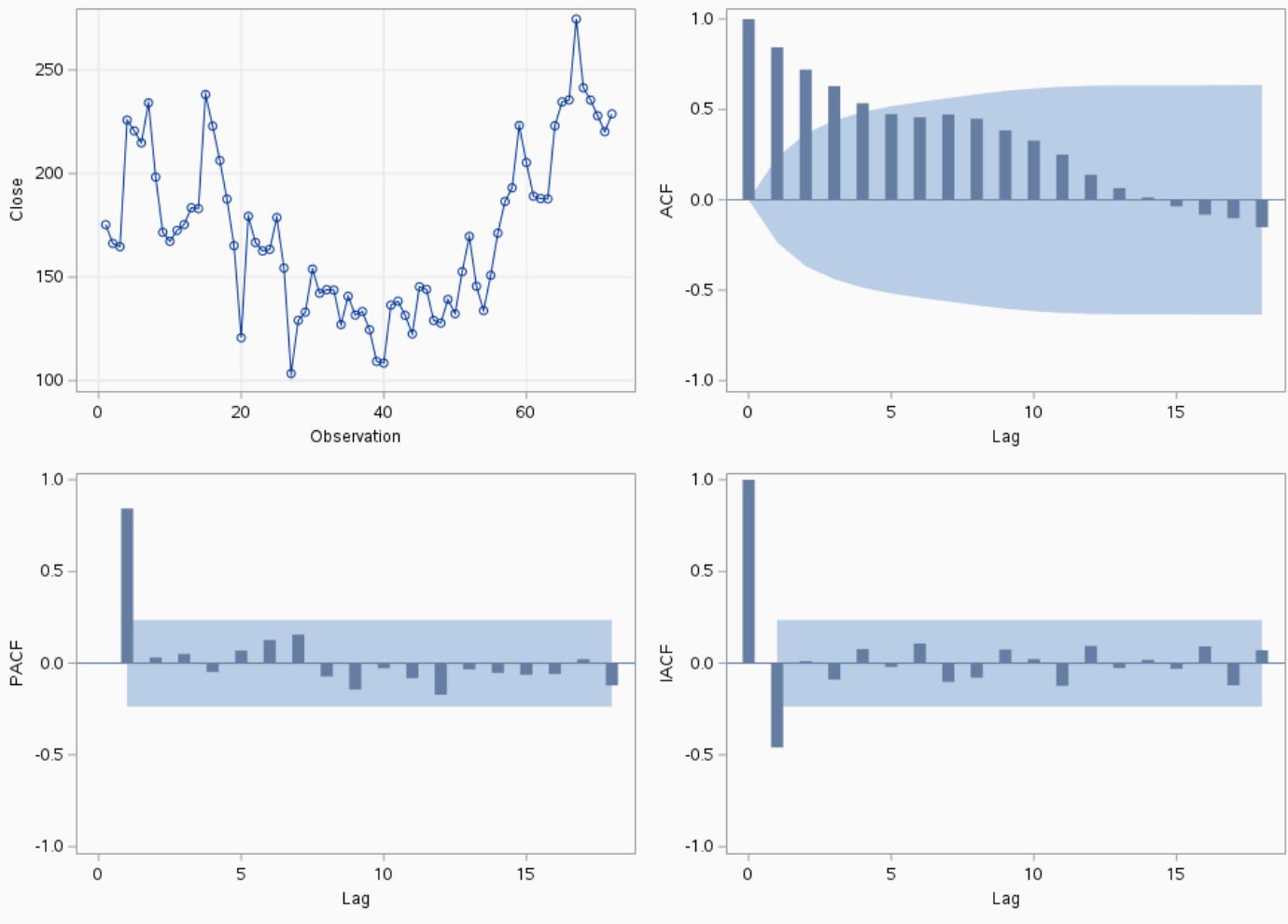
The ARIMA Procedure

Name=TAJGVK

Name of Variable = Close	
Mean of Working Series	172.0535
Standard Deviation	39.46177
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	180.55	6	<.0001	0.843	0.720	0.629	0.535	0.474
12	244.37	12	<.0001	0.472	0.448	0.384	0.327	0.250
18	248.77	18	<.0001	0.064	0.013	-0.036	-0.082	-0.102

Augmented Dickey-Fuller Unit Root Tests							
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F
Zero Mean	0	-0.1666	0.6424	-0.16	0.6244		
	1	-0.0308	0.6730	-0.03	0.6690		
	2	0.0788	0.6979	0.10	0.7103		
Single Mean	0	-9.3244	0.1445	-2.08	0.2534	2.21	0.5143
	1	-8.4775	0.1796	-1.88	0.3417	1.83	0.6087
	2	-6.7961	0.2745	-1.59	0.4849	1.35	0.7288
Trend	0	-9.7777	0.4232	-2.16	0.5035	2.51	0.6783
	1	-8.8412	0.4934	-1.94	0.6218	2.05	0.7697
	2	-7.0648	0.6401	-1.65	0.7641	1.55	0.8663

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

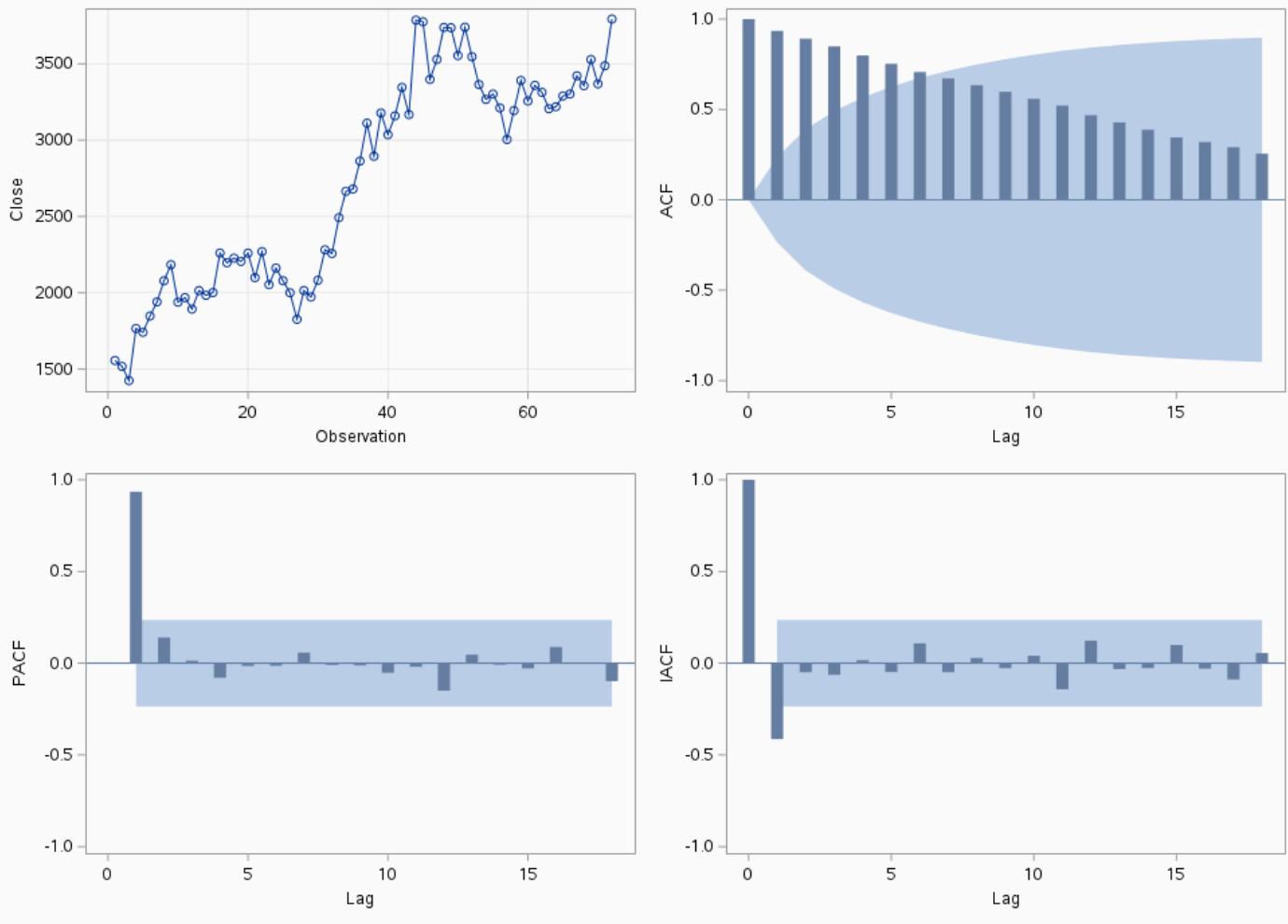
The ARIMA Procedure

Name=TCS

Name of Variable = Close	
Mean of Working Series	2724.034
Standard Deviation	698.6736
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	317.04	6	<.0001	0.935	0.891	0.849	0.799	0.752
12	487.63	12	<.0001	0.671	0.634	0.598	0.559	0.521
18	553.48	18	<.0001	0.428	0.388	0.345	0.319	0.291

Augmented Dickey-Fuller Unit Root Tests							
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F
Zero Mean	0	0.6323	0.8349	1.23	0.9431		
	1	0.6577	0.8408	1.67	0.9762		
	2	0.6643	0.8422	1.89	0.9853		
Single Mean	0	-2.3342	0.7329	-1.13	0.6987	1.87	0.5982
	1	-1.7422	0.8046	-1.10	0.7131	2.64	0.4049
	2	-1.8117	0.7964	-1.30	0.6256	3.53	0.1829
Trend	0	-10.3600	0.3823	-2.32	0.4176	2.70	0.6422
	1	-6.5321	0.6860	-1.77	0.7085	1.63	0.8507
	2	-5.3282	0.7861	-1.60	0.7847	1.49	0.8775

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

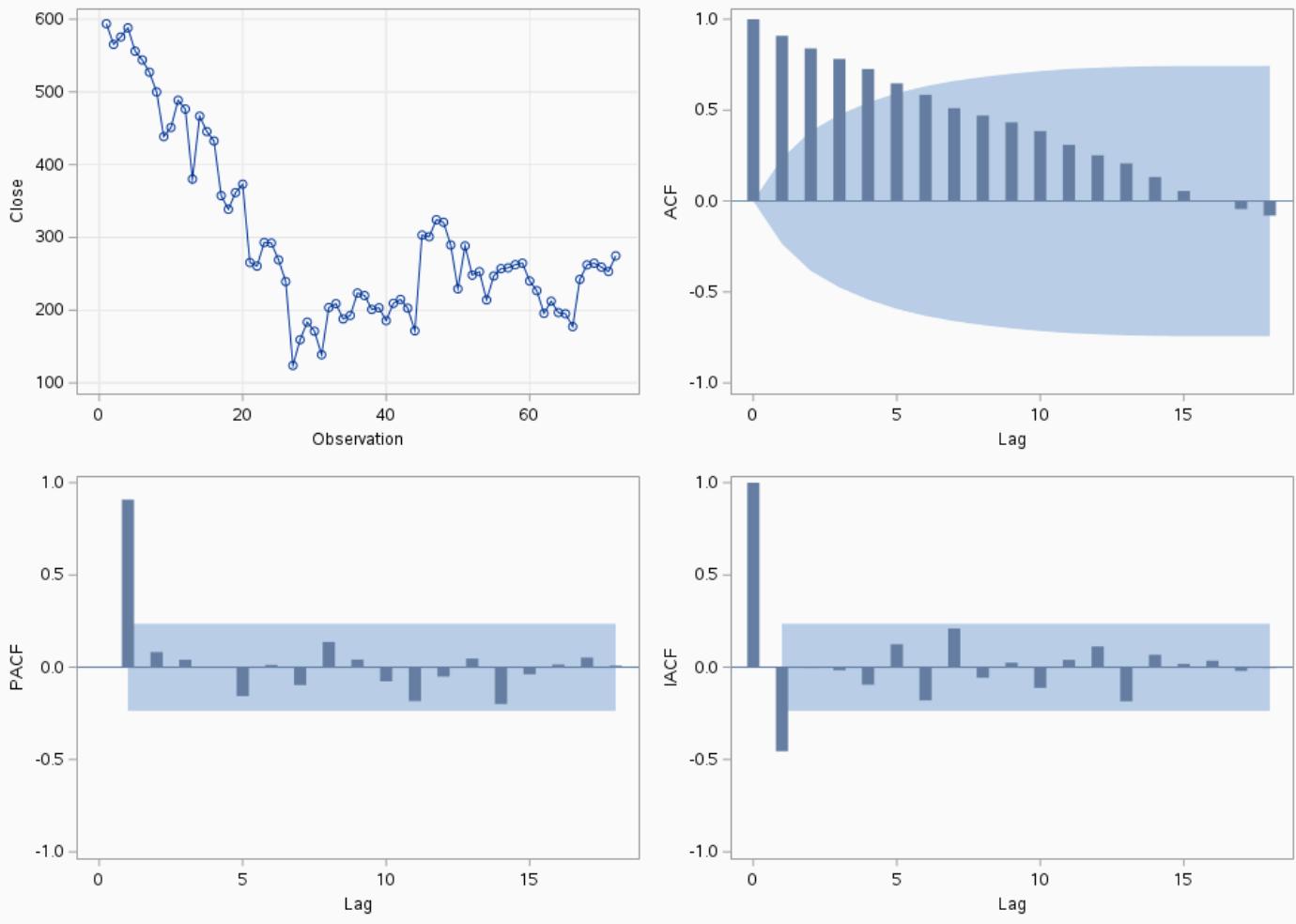
The ARIMA Procedure

Name=ZEEL

Name of Variable = Close	
Mean of Working Series	299.1993
Standard Deviation	122.0351
Number of Observations	72

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	264.89	6	<.0001	0.908	0.839	0.781	0.726	0.648
12	347.16	12	<.0001	0.511	0.470	0.433	0.384	0.310
18	353.74	18	<.0001	0.207	0.132	0.056	-0.002	-0.044
								-0.080

Augmented Dickey-Fuller Unit Root Tests							
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F
Zero Mean	0	-1.8426	0.3474	-1.83	0.0636		
	1	-1.6136	0.3770	-1.86	0.0598		
	2	-1.5852	0.3808	-2.16	0.0306		
Single Mean	0	-6.4656	0.2983	-2.49	0.1222	3.60	0.1656
	1	-5.4478	0.3811	-2.36	0.1566	3.38	0.2211
	2	-5.1363	0.4098	-2.59	0.1004	4.24	0.0776
Trend	0	-7.4246	0.6100	-2.02	0.5815	3.13	0.5580
	1	-5.5183	0.7710	-1.69	0.7468	2.74	0.6334
	2	-4.2971	0.8619	-1.57	0.7951	3.38	0.5090

Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

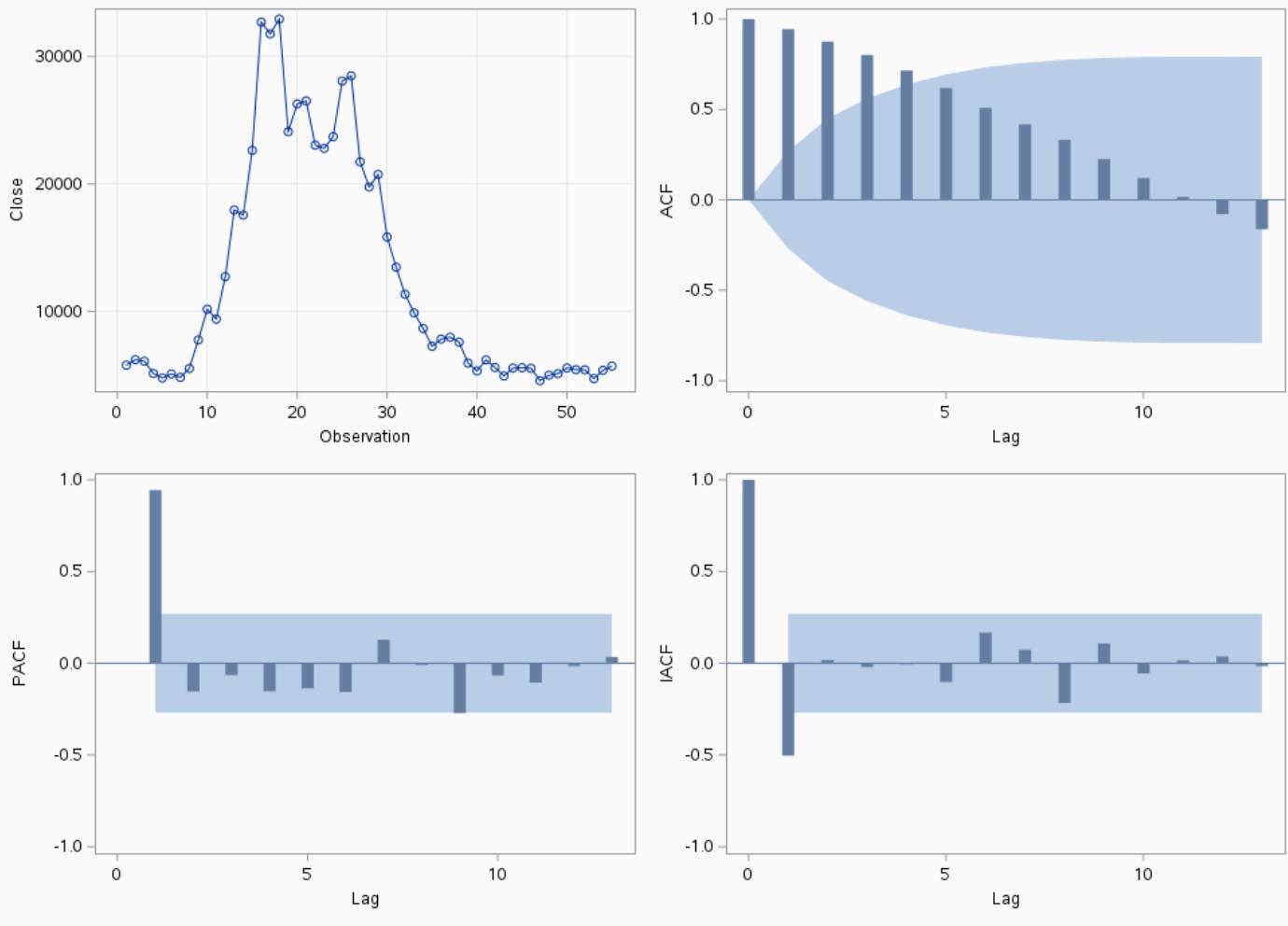
The ARIMA Procedure

Name=ZOOM

Name of Variable = Close	
Mean of Working Series	12473.09
Standard Deviation	8896.173
Number of Observations	55

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	207.80	6	<.0001	0.944	0.875	0.802	0.715	0.618
12	231.42	12	<.0001	0.417	0.332	0.226	0.120	0.016

Augmented Dickey-Fuller Unit Root Tests							
Type	Lags	Rho	Pr < Rho	Tau	Pr < Tau	F	Pr > F
Zero Mean	0	-0.8282	0.4999	-0.64	0.4349		
	1	-1.1342	0.4467	-0.74	0.3905		
	2	-1.1654	0.4416	-0.74	0.3920		
Single Mean	0	-2.4650	0.7146	-1.10	0.7095	0.61	0.9189
	1	-3.4682	0.5886	-1.27	0.6371	0.81	0.8657
	2	-3.8389	0.5440	-1.30	0.6228	0.85	0.8558
Trend	0	-3.6218	0.9015	-1.56	0.7943	1.95	0.7891
	1	-4.7204	0.8298	-1.71	0.7332	1.98	0.7827
	2	-5.2004	0.7927	-1.79	0.6973	2.14	0.7509

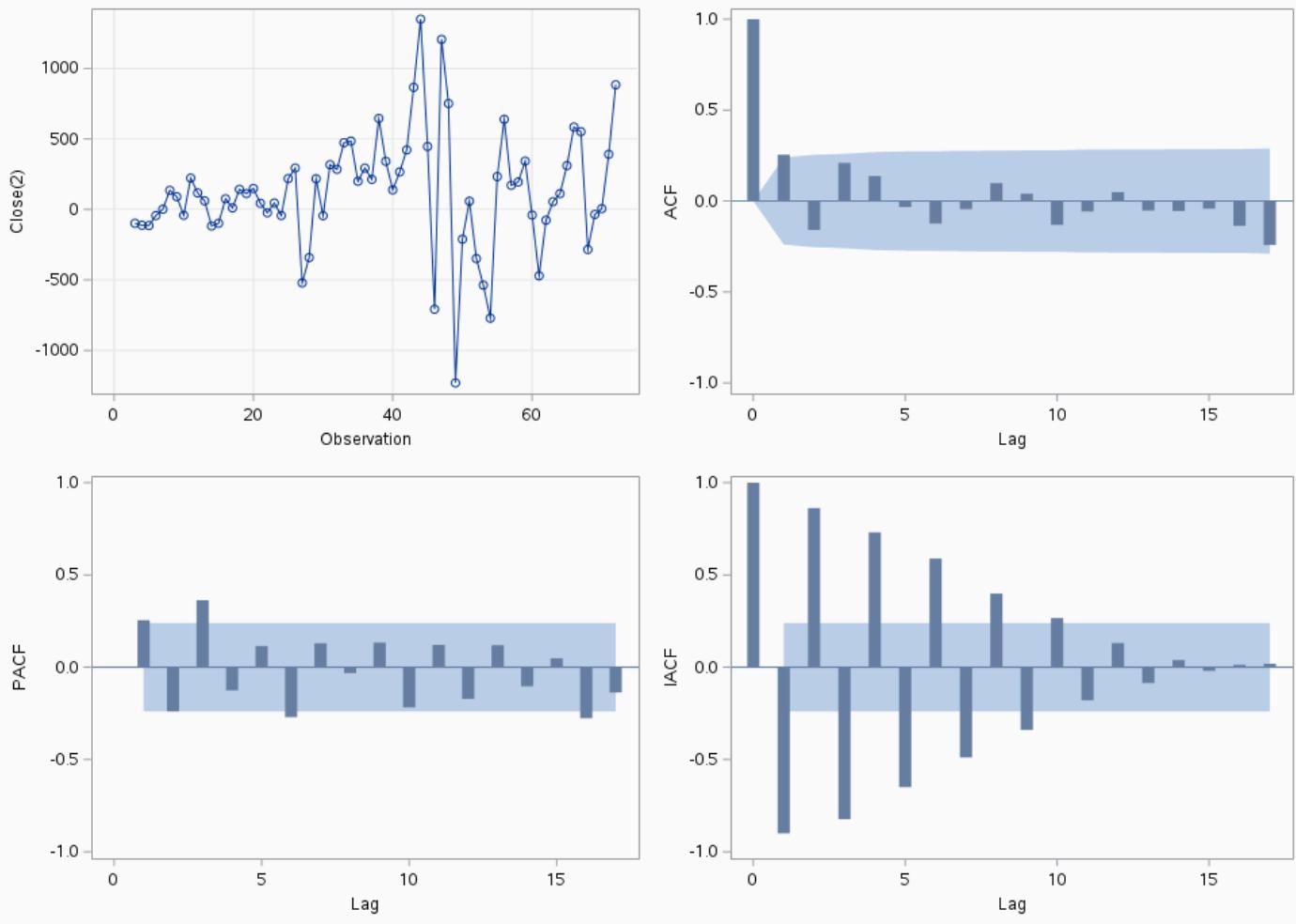
Trend and Correlation Analysis for Close**Historical Closing Price Of The Stock**

The ARIMA Procedure

Name=APOLLO

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	126.6743
Standard Deviation	410.493
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	12.65	6	0.0490	0.255	-0.159	0.210	0.137	-0.033	-0.124
12	15.65	12	0.2078	-0.044	0.099	0.040	-0.131	-0.057	0.049

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	0.064454
Maximum Absolute Value of Gradient	1295650
R-Square Change from Last Iteration	0.075199
Objective Function	Log Gaussian Likelihood
Objective Function Value	-500.757
Marquardt's Lambda Coefficient	0.001
Numerical Derivative Perturbation Delta	0.001
Iterations	24
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	125.31676	53.71906	2.33	0.0197	0
MA1,1	-1.98584	0.12768	-15.55	<.0001	1
MA1,2	-1.00000	0.12619	-7.92	<.0001	2
AR1,1	-1.11839	0.10727	-10.43	<.0001	1
AR1,2	-0.41667	0.11332	-3.68	0.0002	2

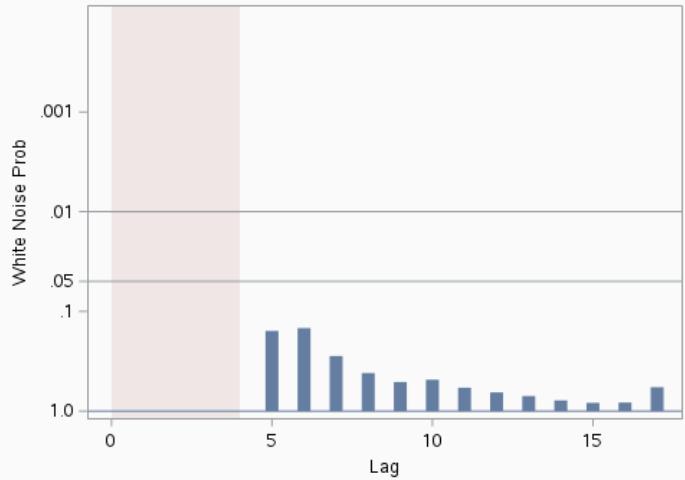
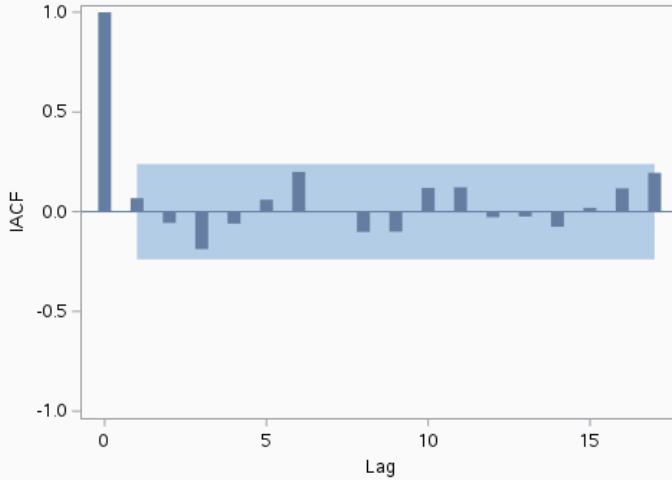
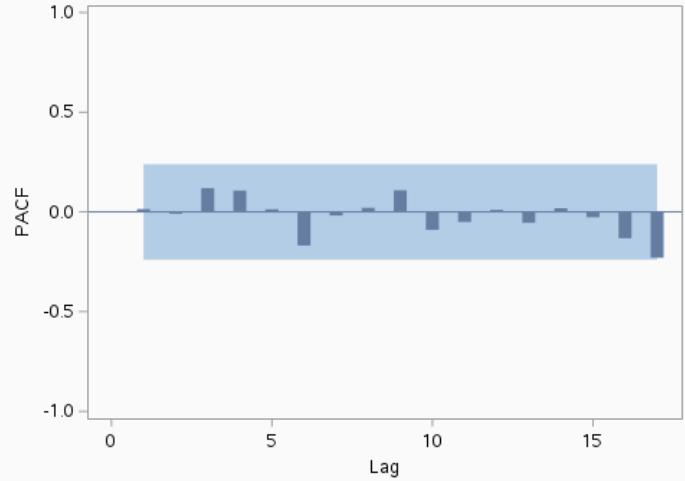
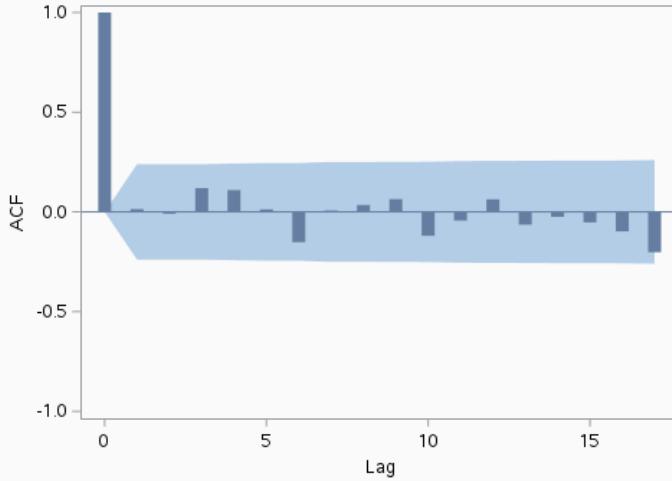
Constant Estimate	317.6858
Variance Estimate	92011.19
Std Error Estimate	303.3335
AIC	1011.515
SBC	1022.757
Number of Residuals	70

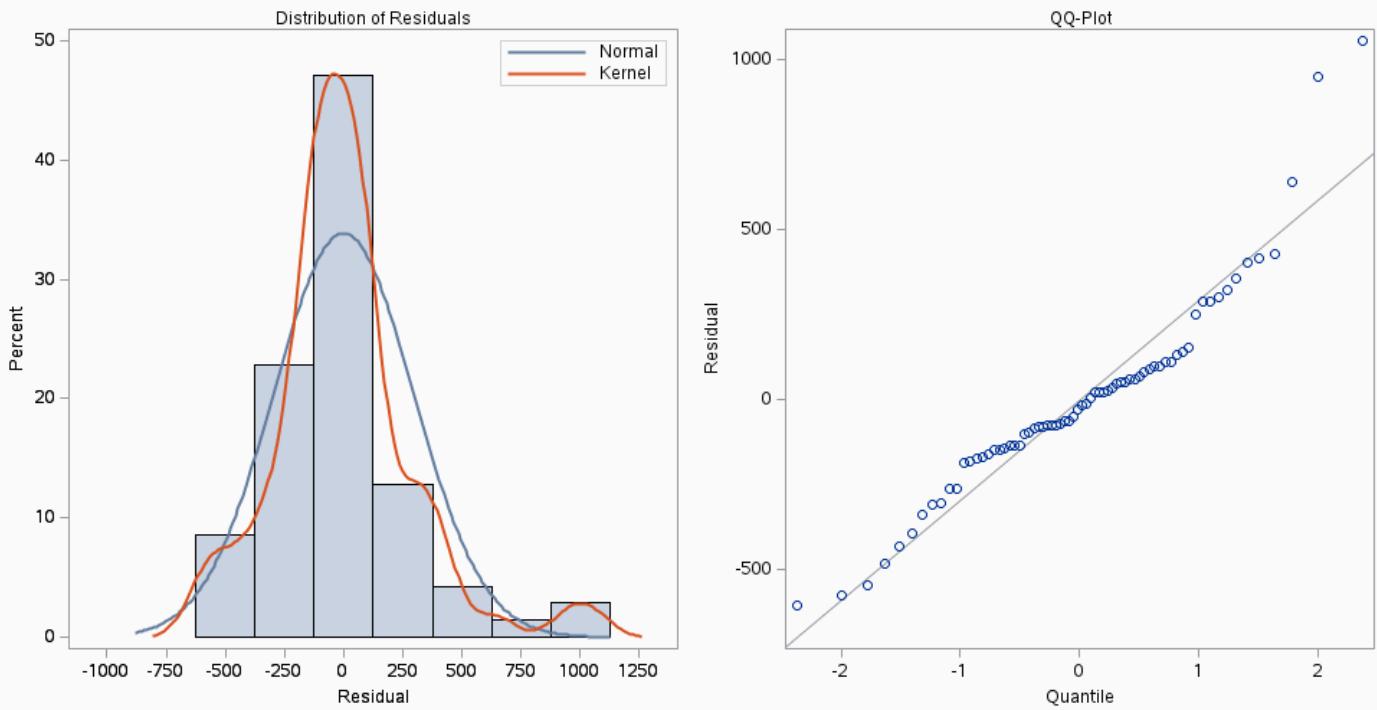
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	-0.024	-0.026	0.004	0.014
MA1,1	-0.024	1.000	0.995	-0.167	-0.117
MA1,2	-0.026	0.995	1.000	-0.166	-0.112

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	0.004	-0.167	-0.166	1.000	0.736
AR1,2	0.014	-0.117	-0.112	0.736	1.000

Autocorrelation Check of Residuals								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	3.83	2	0.1472	0.014	-0.009	0.119	0.109	0.012
12	5.98	8	0.6495	0.007	0.035	0.064	-0.120	-0.043
18	12.39	14	0.5749	-0.064	-0.025	-0.053	-0.097	-0.202
24	19.85	20	0.4675	-0.001	-0.133	-0.100	0.151	-0.086

Residual Correlation Diagnostics for Close(2)



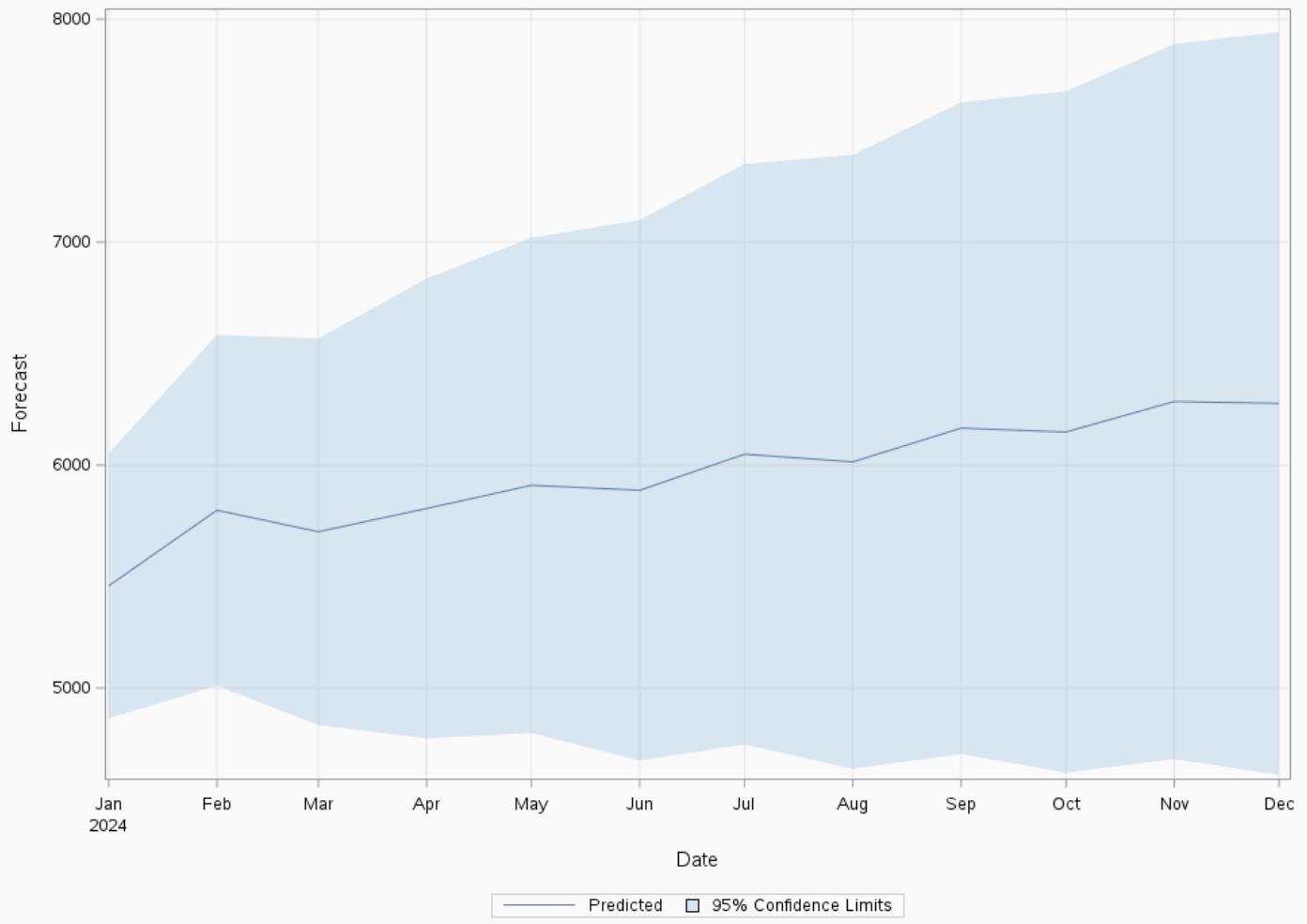
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	125.3168
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 + 1.11839 B^{**}(1) + 0.41667 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 1.98584 B^{**}(1) + 1 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	5458.5333	303.3335	4864.0106	6053.0560
74	5797.6142	401.5547	5010.5814	6584.6469
75	5700.9744	442.5403	4833.6113	6568.3374
76	5805.1913	526.2169	4773.8251	6836.5576
77	5909.1679	566.8485	4798.1651	7020.1706
78	5886.8780	618.7434	4674.1631	7099.5929
79	6048.7479	664.1830	4746.9732	7350.5226
80	6014.4222	702.5487	4637.4520	7391.3924
81	6165.6304	745.6925	4704.1001	7627.1608
82	6148.2437	779.5946	4620.2663	7676.2211
83	6284.9499	818.1485	4681.4083	7888.4915
84	6276.7241	849.8750	4610.9996	7942.4485

Forecasts for Close**Historical Closing Price Of The Stock**

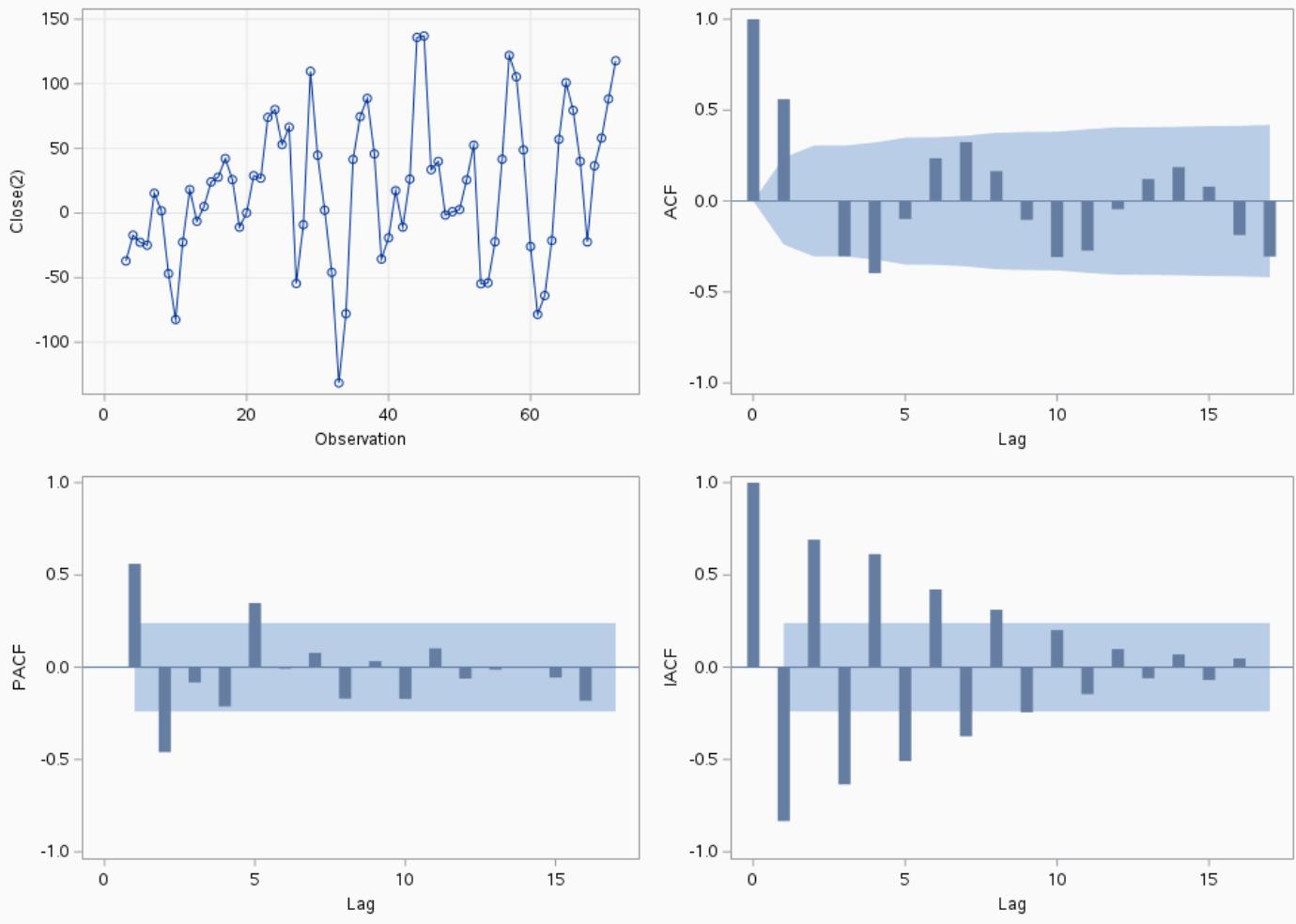
The ARIMA Procedure

Name=Airtel

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	18.06069
Standard Deviation	55.63505
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations							
				-0.560	-0.002	-0.304	-0.396	-0.098	0.235	-0.272	-0.044
6	46.94	6	<.0001								
12	72.91	12	<.0001	0.324	0.165	-0.103	-0.308	-0.272	-0.044		

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	133.8067
Maximum Absolute Value of Gradient	1078.996
R-Square Change from Last Iteration	0.057683
Objective Function	Log Gaussian Likelihood
Objective Function Value	-354.155
Marquardt's Lambda Coefficient	1E-12
Numerical Derivative Perturbation Delta	0.001
Iterations	19
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	17.85596	4.63678	3.85	0.0001	0
MA1,1	0.07194	25.76386	0.00	0.9978	1
MA1,2	0.92781	23.91710	0.04	0.9691	2
AR1,1	1.07574	0.16276	6.61	<.0001	1
AR1,2	-0.19368	0.13757	-1.41	0.1592	2

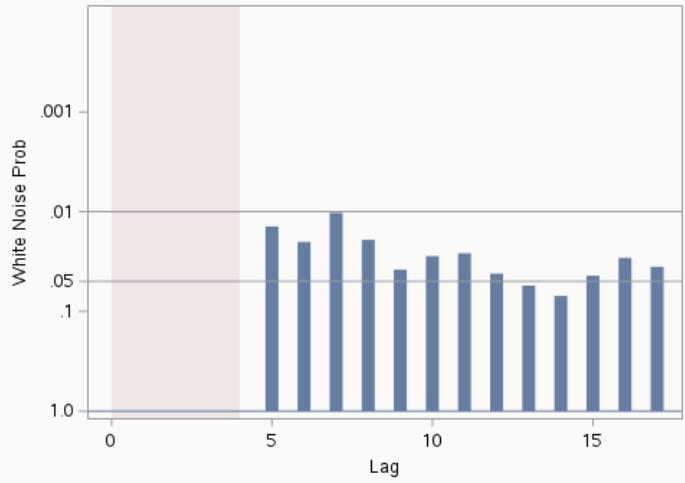
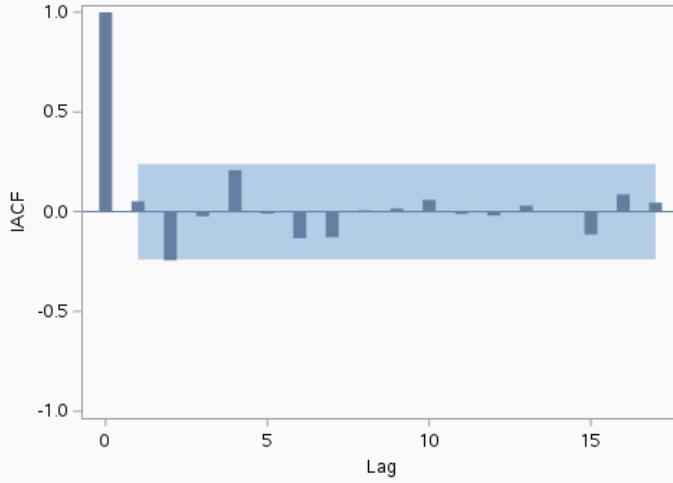
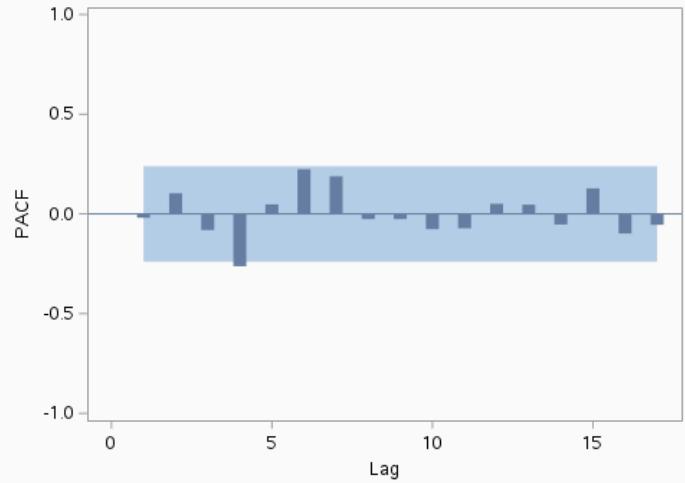
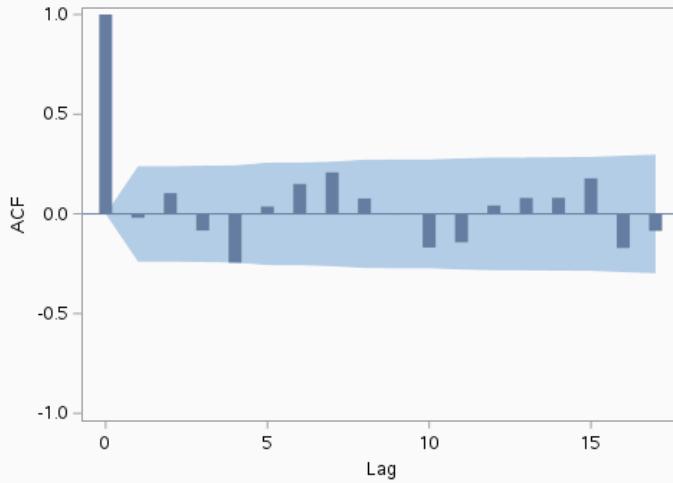
Constant Estimate	2.105929
Variance Estimate	1475.007
Std Error Estimate	38.40581
AIC	718.3095
SBC	729.552
Number of Residuals	70

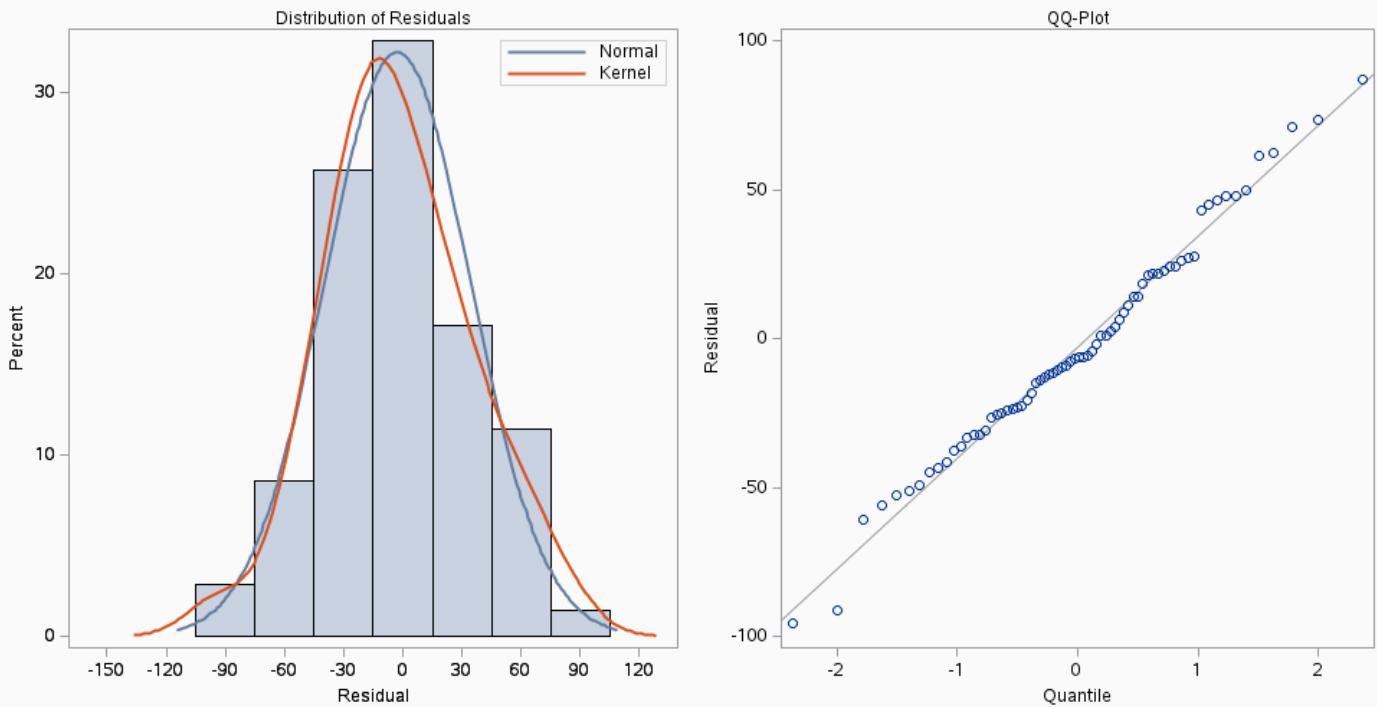
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	-0.802	-0.802	-0.496	0.050
MA1,1	-0.802	1.000	1.000	0.605	-0.059
MA1,2	-0.802	1.000	1.000	0.603	-0.057

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	-0.496	0.605	0.603	1.000	-0.702
AR1,2	0.050	-0.059	-0.057	-0.702	1.000

Autocorrelation Check of Residuals								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	7.66	2	0.0217	-0.013	0.111	-0.076	-0.235	0.044
12	15.81	8	0.0451	0.213	0.082	0.004	-0.161	-0.137
18	24.52	14	0.0397	0.082	0.083	0.180	-0.166	-0.080
24	32.38	20	0.0394	-0.039	0.152	0.176	0.129	0.044

Residual Correlation Diagnostics for Close(2)



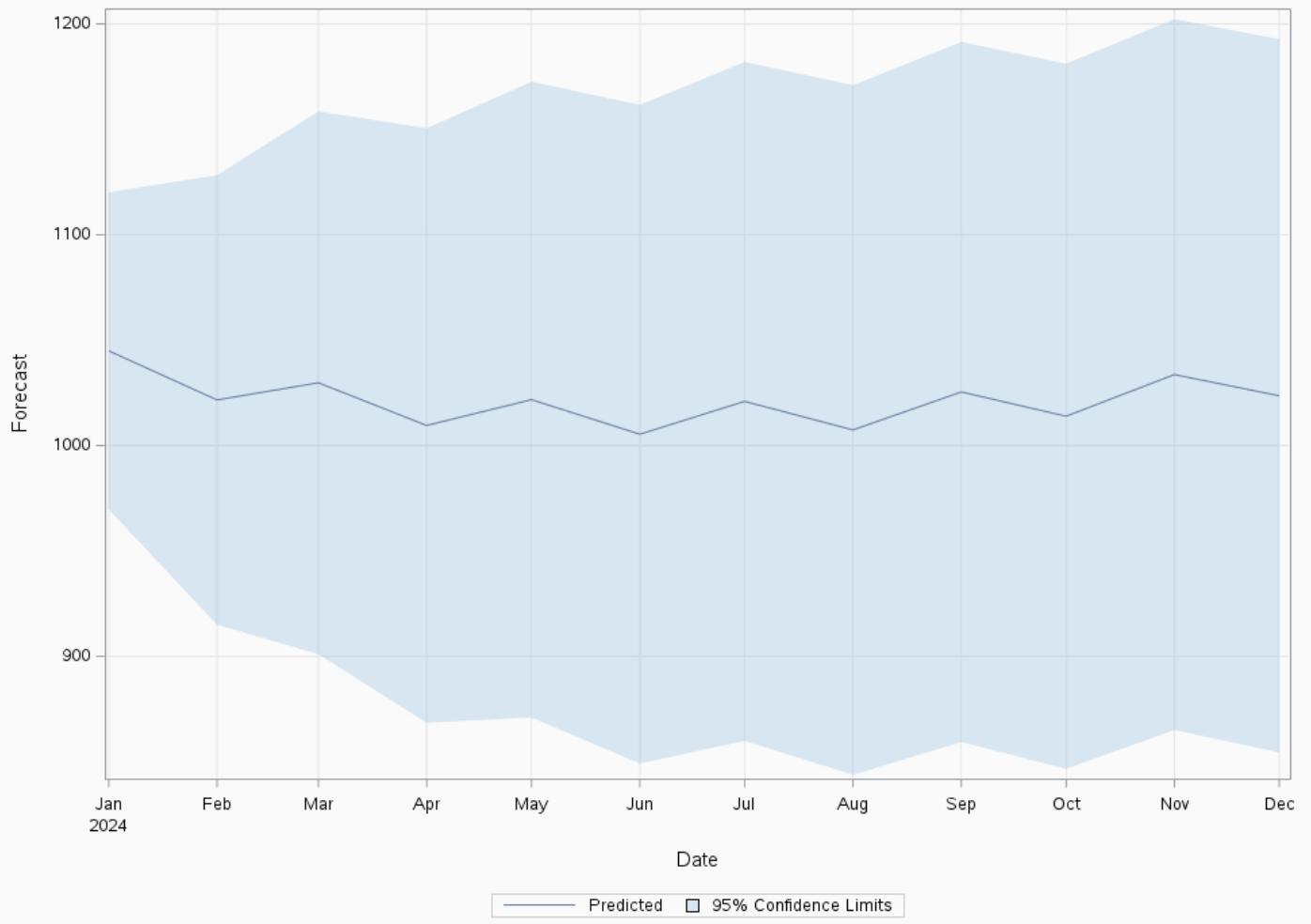
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	17.85596
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 - 0.07574 B^{**}(1) + 0.19368 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 - 0.07194 B^{**}(1) - 0.92781 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	1044.8807	38.4058	969.6067	1120.1547
74	1021.6124	54.4173	914.9564	1128.2684
75	1029.7518	65.6955	900.9910	1158.5127
76	1009.4942	71.9593	868.4566	1150.5317
77	1021.7519	76.9396	870.9530	1172.5508
78	1005.3413	79.7132	849.1064	1161.5762
79	1020.9398	82.1647	859.8999	1181.9797
80	1007.3780	83.4571	843.8051	1170.9508
81	1025.3940	84.7335	859.3193	1191.4686
82	1013.8809	85.3412	846.6153	1181.1465
83	1033.6327	86.0307	865.0157	1202.2497
84	1023.5901	86.3119	854.4219	1192.7583

Forecasts for Close**Historical Closing Price Of The Stock**

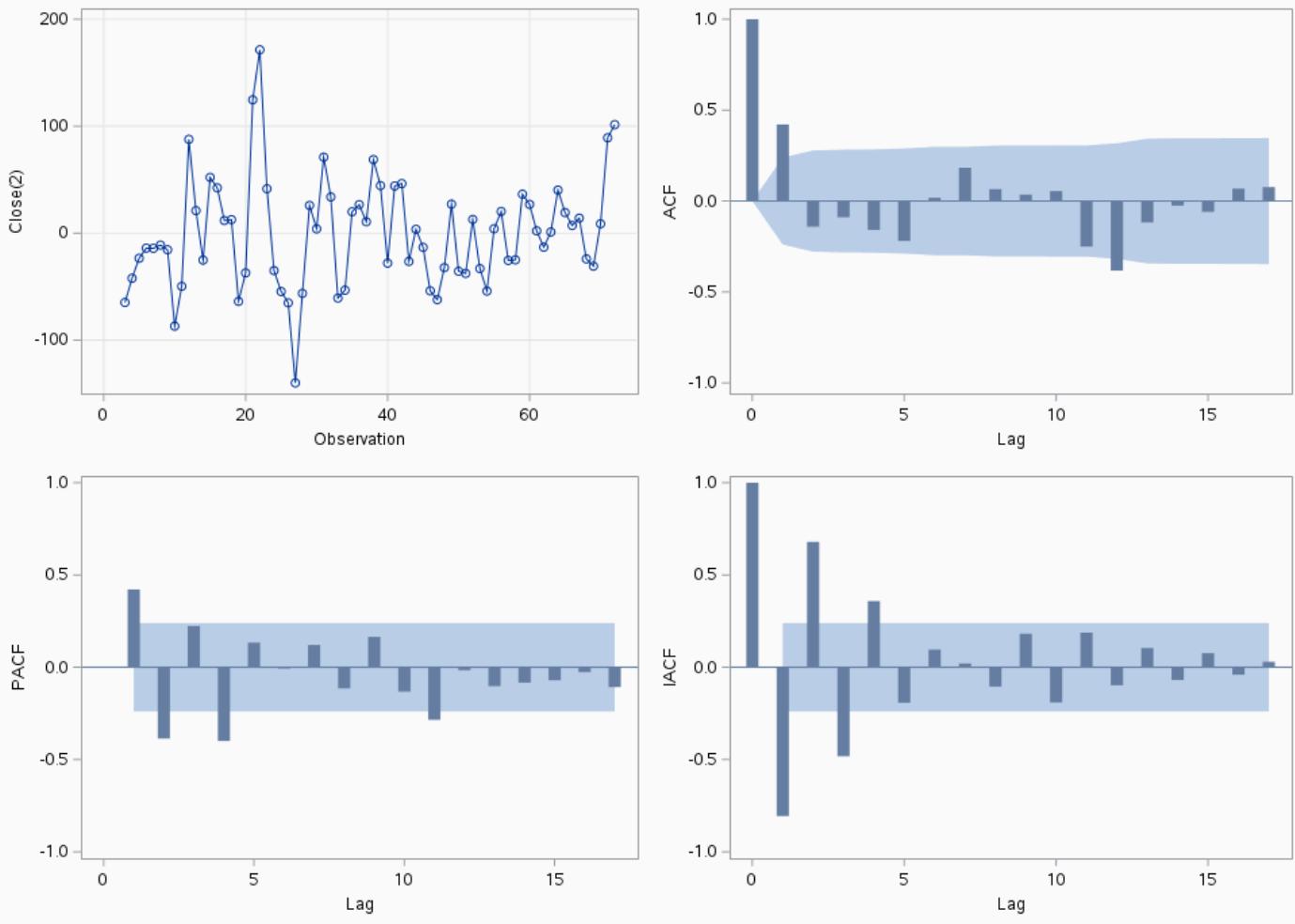
The ARIMA Procedure

Name=BPCL

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	-0.50714
Standard Deviation	51.0923
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations									
				-0.141	-0.089	-0.159	-0.219	0.018	-0.141	-0.089	-0.159	-0.219	
6	20.68	6	0.0021	0.421	-0.141	-0.089	-0.159	-0.219	0.018	-0.141	-0.089	-0.159	-0.219
12	42.07	12	<.0001	0.182	0.065	0.035	0.055	-0.250	-0.382	-0.141	-0.089	-0.159	-0.219

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	167.638
Maximum Absolute Value of Gradient	15801.91
R-Square Change from Last Iteration	0.25631
Objective Function	Log Gaussian Likelihood
Objective Function Value	-351.298
Marquardt's Lambda Coefficient	1E-6
Numerical Derivative Perturbation Delta	0.001
Iterations	9
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	-1.51728	2.43124	-0.62	0.5326	0
MA1,1	0.13799	12.68677	0.01	0.9913	1
MA1,2	0.86139	10.94514	0.08	0.9373	2
AR1,1	0.99450	0.16290	6.10	<.0001	1
AR1,2	-0.14314	0.14386	-0.99	0.3197	2

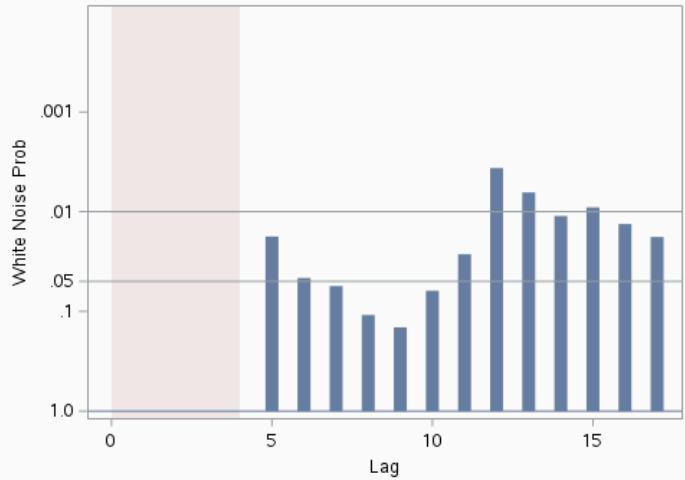
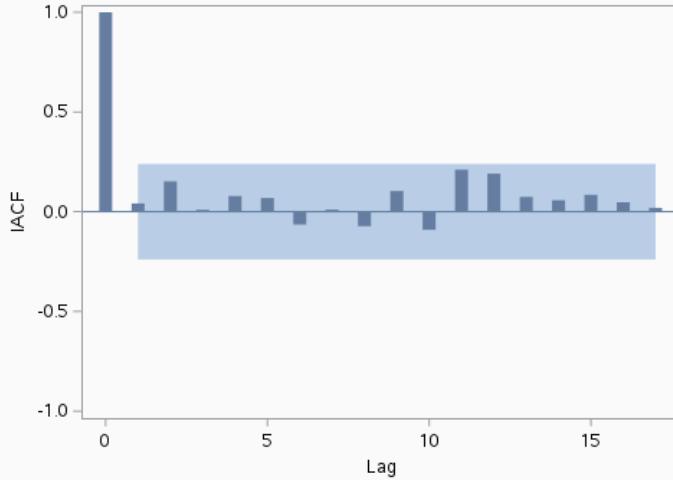
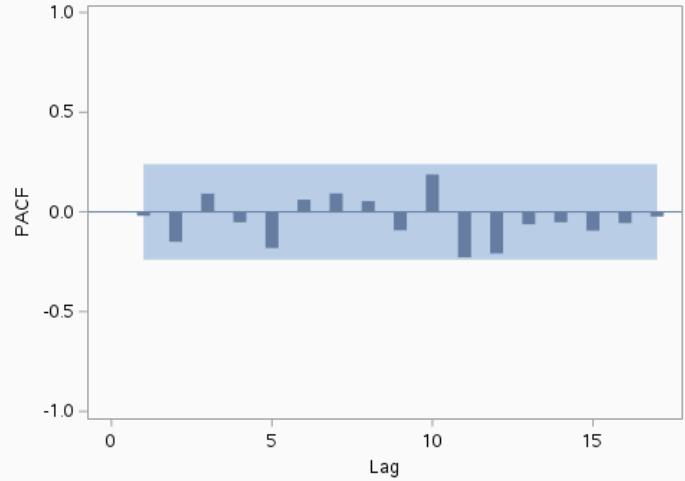
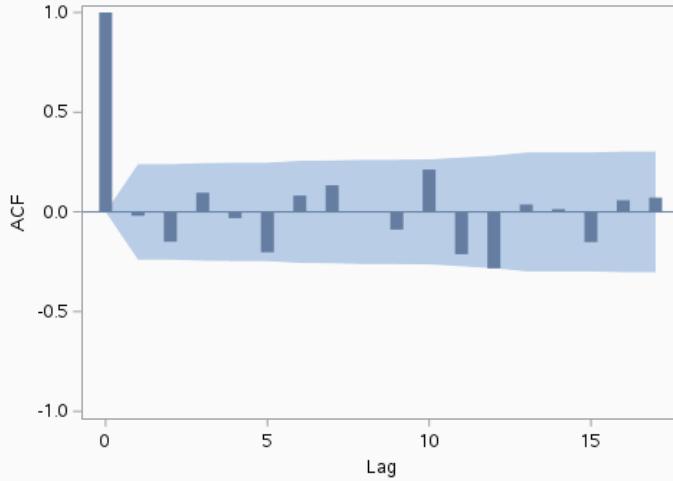
Constant Estimate	-0.22553
Variance Estimate	1371.355
Std Error Estimate	37.03181
AIC	712.5957
SBC	723.8382
Number of Residuals	70

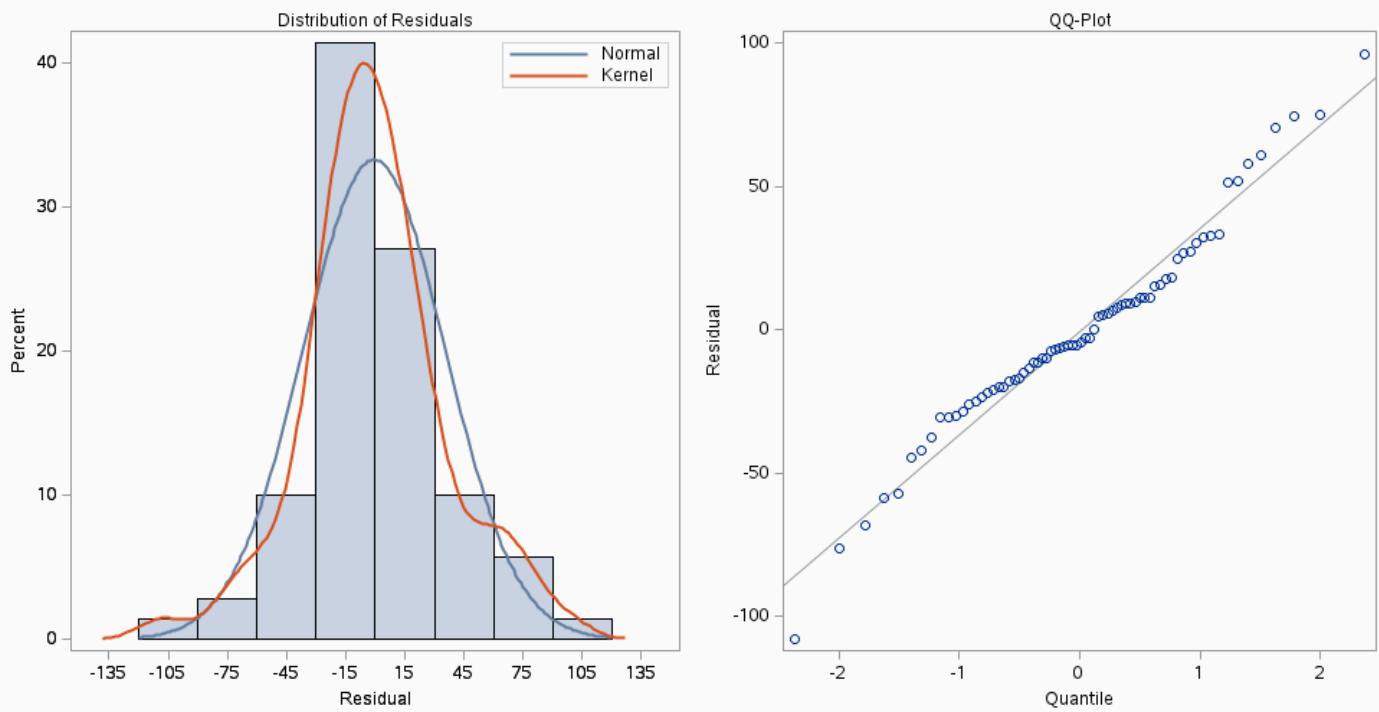
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	-0.478	-0.478	-0.268	-0.075
MA1,1	-0.478	1.000	1.000	0.539	0.198
MA1,2	-0.478	1.000	1.000	0.535	0.204

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	-0.268	0.539	0.535	1.000	-0.542
AR1,2	-0.075	0.198	0.204	-0.542	1.000

Autocorrelation Check of Residuals								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	6.13	2	0.0466	-0.019	-0.149	0.097	-0.030	-0.202
12	22.79	8	0.0036	0.133	0.001	-0.089	0.212	-0.212
18	27.02	14	0.0191	0.037	0.014	-0.151	0.058	-0.071
24	37.60	20	0.0099	-0.084	0.213	-0.046	-0.092	0.198

Residual Correlation Diagnostics for Close(2)



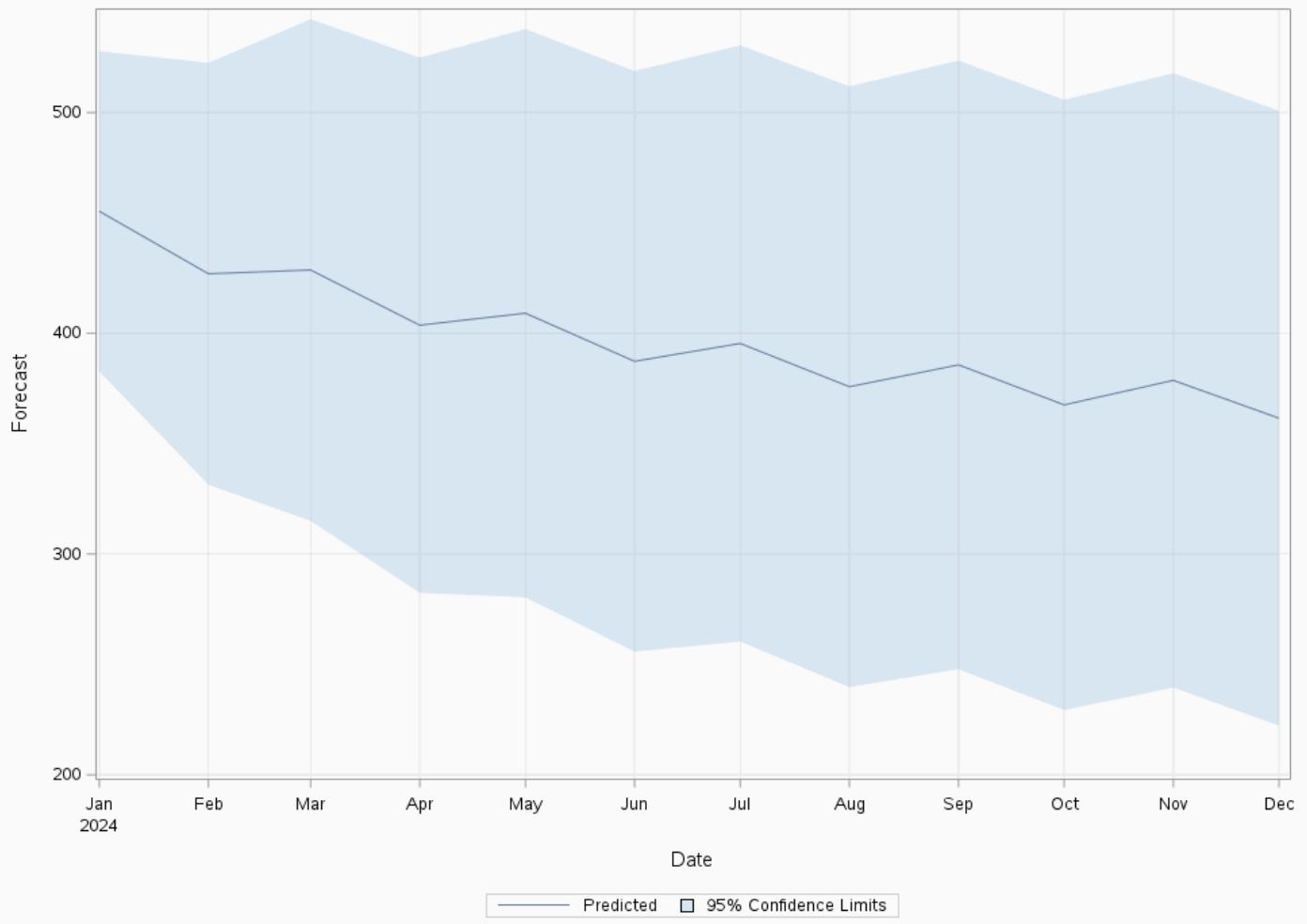
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	-1.51728
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 - 0.9945 B^{**}(1) + 0.14314 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 - 0.13799 B^{**}(1) - 0.86139 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	455.2620	37.0318	382.6810	527.8430
74	426.9439	48.7586	331.3788	522.5090
75	428.6605	57.9914	315.0191	542.3019
76	403.6564	61.8577	282.4176	524.8953
77	409.0834	65.6790	280.3550	537.8118
78	387.2949	67.1048	255.7719	518.8178
79	395.3885	68.9070	260.3332	530.4439
80	375.7918	69.4282	239.7151	511.8686
81	385.6836	70.3476	247.8049	523.5622
82	367.5613	70.5214	229.3419	505.7806
83	378.6619	71.0236	239.4583	517.8655
84	361.5308	71.0699	222.2364	500.8253

Forecasts for Close**Historical Closing Price Of The Stock**

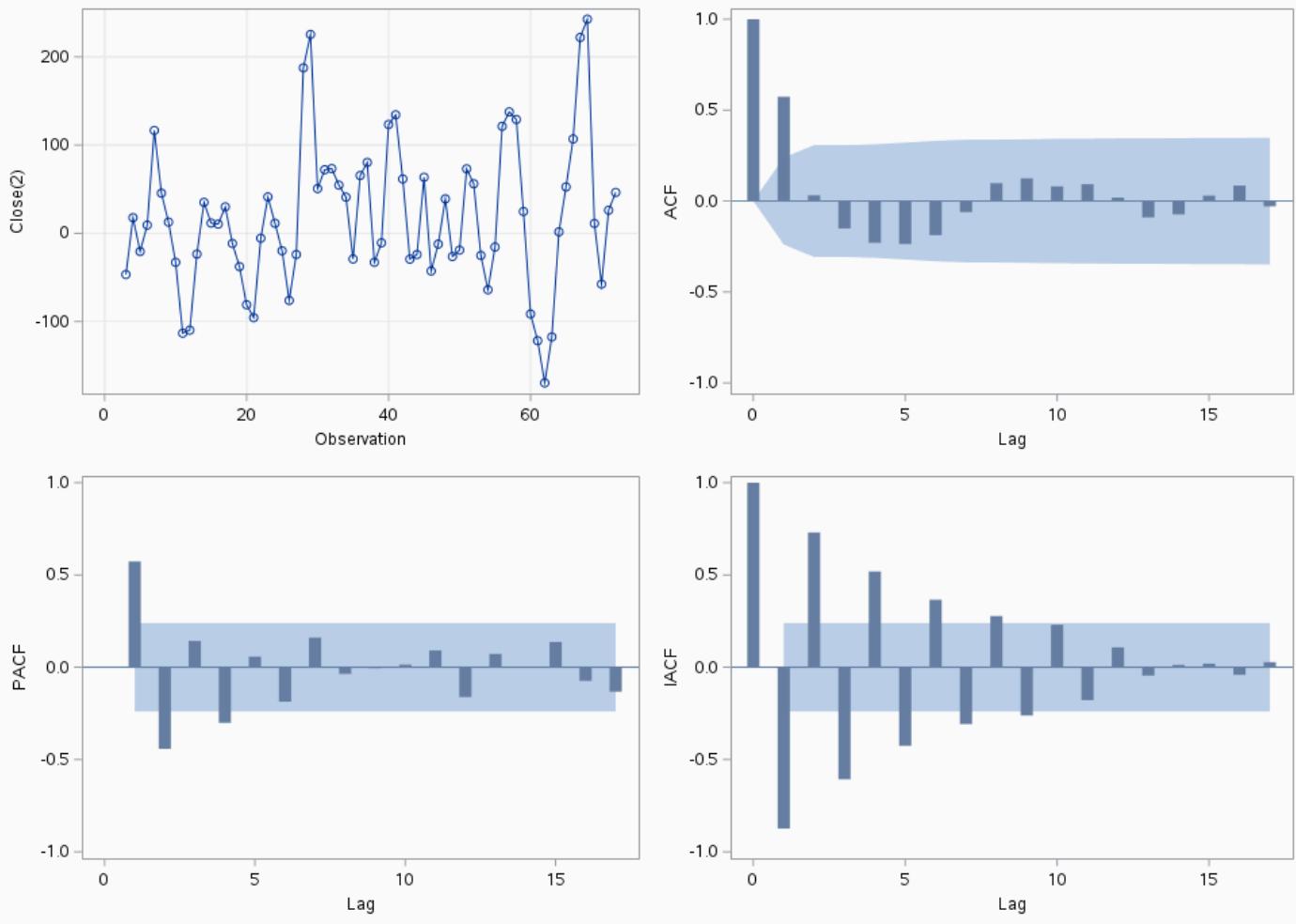
The ARIMA Procedure

Name=CIPLA

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	18.24
Standard Deviation	82.15185
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
				-0.151	-0.229	-0.236	-0.187	
6	36.89	6	<.0001	0.573	0.031	-0.151	-0.229	-0.236
12	40.55	12	<.0001	-0.060	0.098	0.125	0.081	0.092

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	100.5651
Maximum Absolute Value of Gradient	91086.04
R-Square Change from Last Iteration	0.342032
Objective Function	Log Gaussian Likelihood
Objective Function Value	-382.458
Marquardt's Lambda Coefficient	0.00001
Numerical Derivative Perturbation Delta	0.001
Iterations	6
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	16.12887	13.27534	1.21	0.2244	0
MA1,1	0.35894	33.46108	0.01	0.9914	1
MA1,2	0.64084	21.44336	0.03	0.9762	2
AR1,1	1.24815	0.32556	3.83	0.0001	1
AR1,2	-0.27590	0.17255	-1.60	0.1098	2

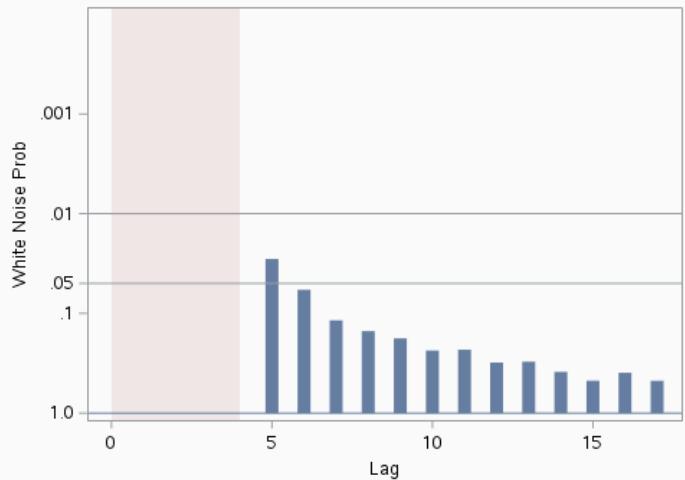
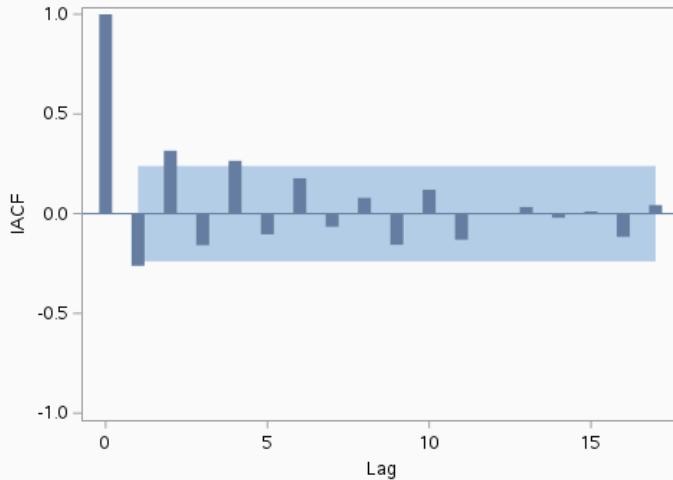
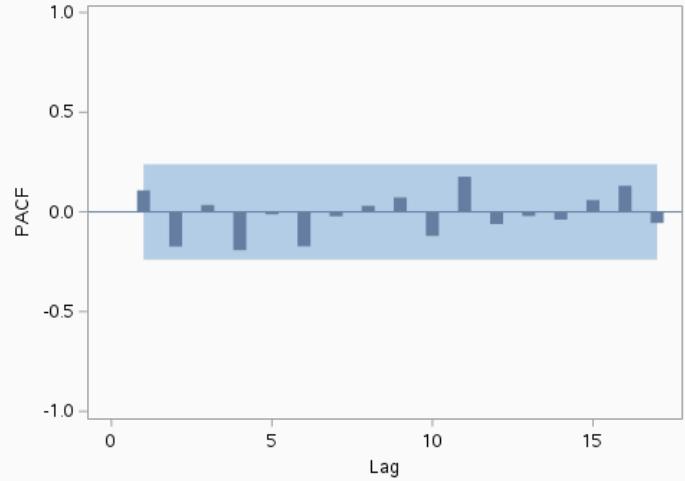
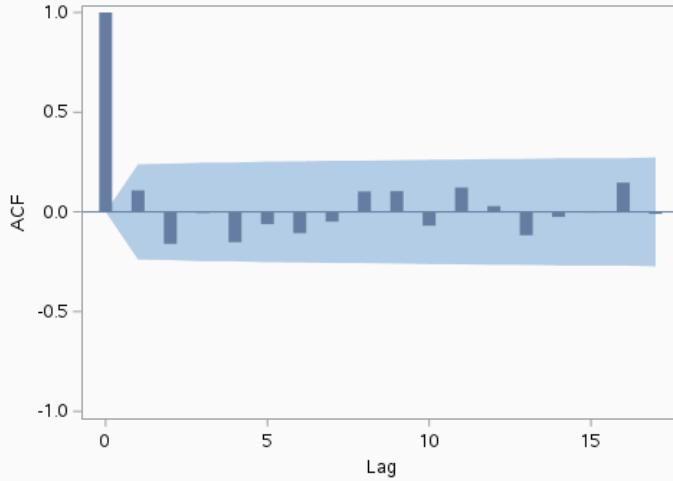
Constant Estimate	0.447584
Variance Estimate	3423.376
Std Error Estimate	58.50962
AIC	774.9162
SBC	786.1587
Number of Residuals	70

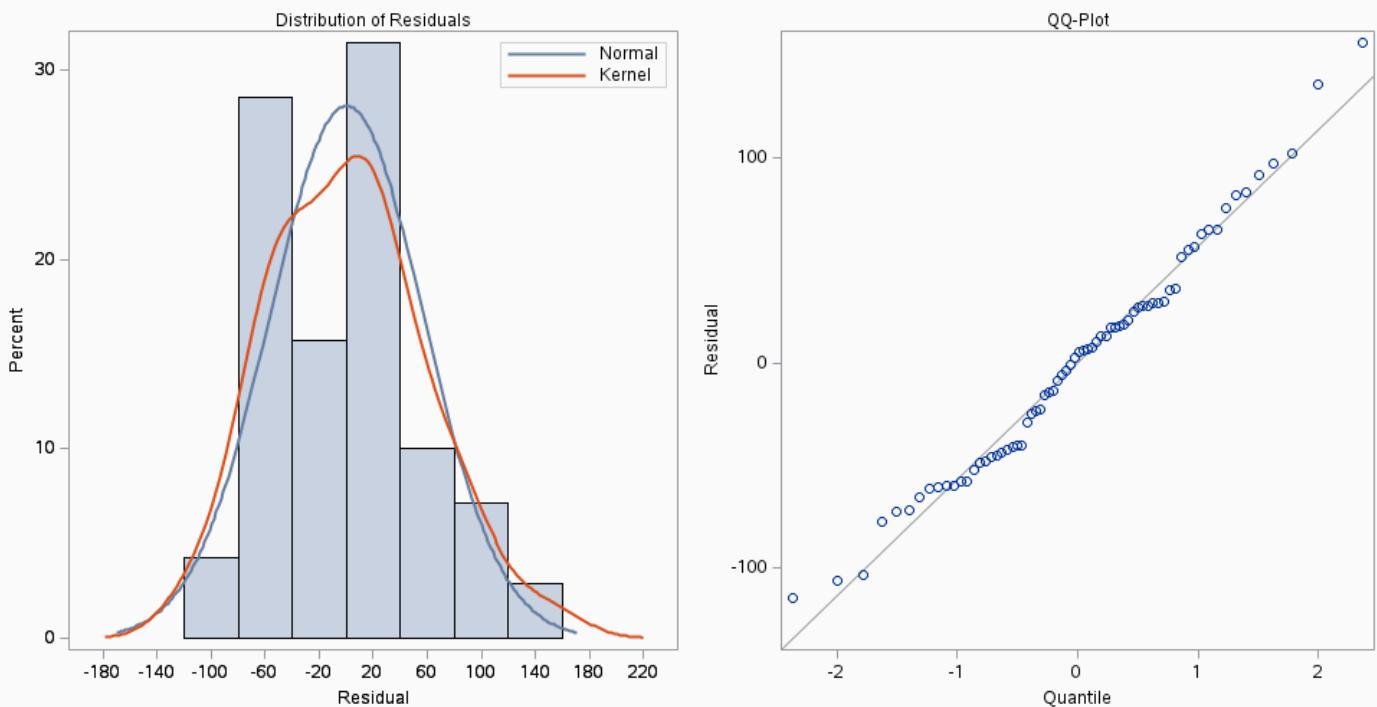
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	-0.726	-0.726	-0.659	0.329
MA1,1	-0.726	1.000	1.000	0.888	-0.433
MA1,2	-0.726	1.000	1.000	0.885	-0.426

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	-0.659	0.888	0.885	1.000	-0.767
AR1,2	0.329	-0.433	-0.426	-0.767	1.000

Autocorrelation Check of Residuals							
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations			
6	5.70	2	0.0579	0.108	-0.160	-0.006	-0.152
12	9.38	8	0.3115	-0.049	0.102	0.104	-0.069
18	15.02	14	0.3770	-0.117	-0.025	-0.004	0.147
24	17.84	20	0.5982	-0.023	-0.004	-0.147	-0.005

Residual Correlation Diagnostics for Close(2)



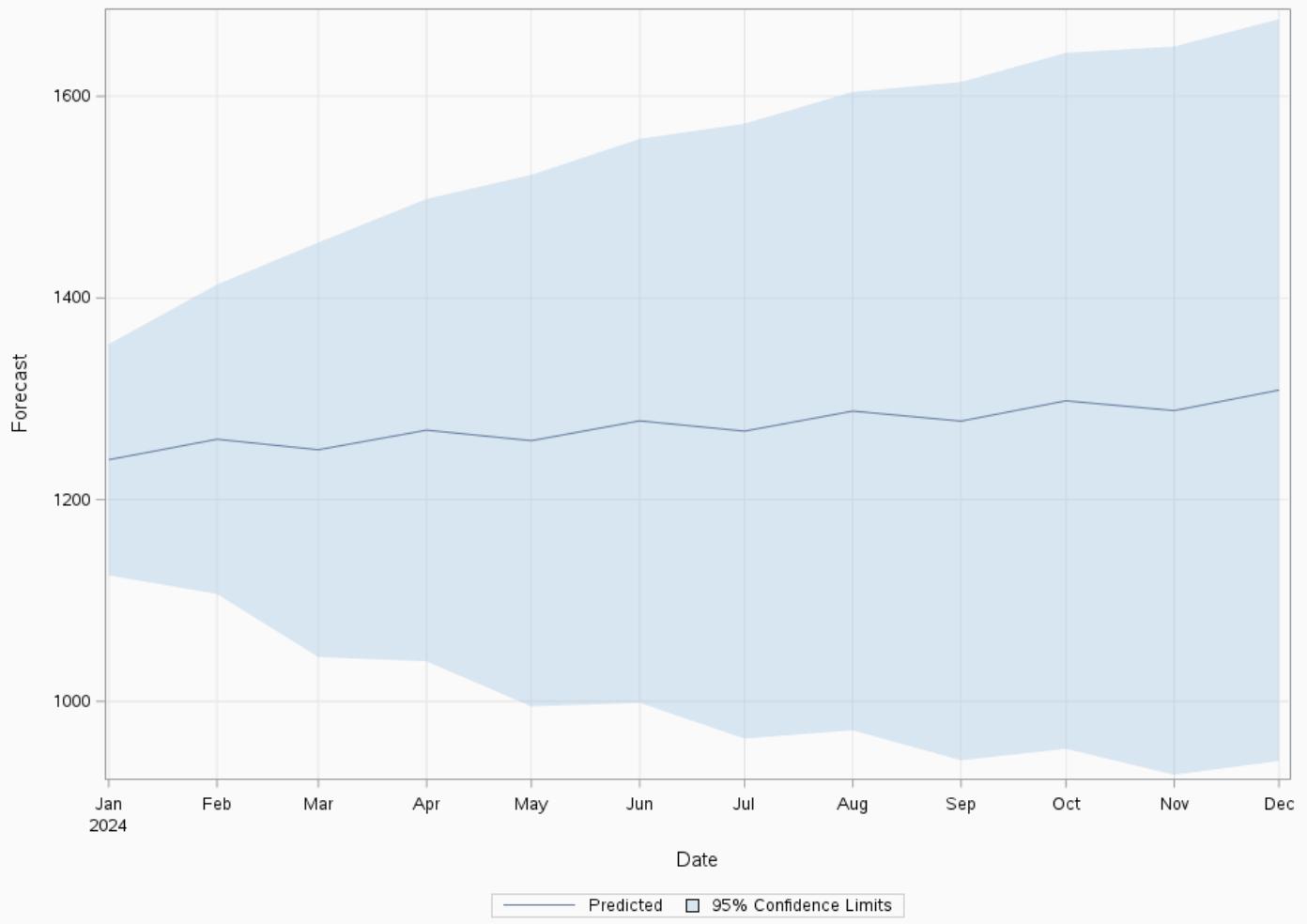
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	16.12887
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 - 1.24815 B^{**}(1) + 0.2759 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 - 0.35894 B^{**}(1) - 0.64084 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	1239.6145	58.5096	1124.9377	1354.2912
74	1259.9107	78.2959	1106.4535	1413.3678
75	1249.5140	104.8983	1043.9171	1455.1110
76	1268.9592	116.9810	1039.6806	1498.2379
77	1258.5243	134.5022	994.9048	1522.1438
78	1278.1565	142.6650	998.5381	1557.7748
79	1267.9655	155.5823	963.0297	1572.9012
80	1287.8505	161.5079	971.3009	1604.4001
81	1277.9079	171.6040	941.5701	1614.2456
82	1298.0331	176.0742	952.9340	1643.1322
83	1288.3218	184.2334	927.2310	1649.4125
84	1308.6694	187.6788	940.8257	1676.5131

Forecasts for Close**Historical Closing Price Of The Stock**

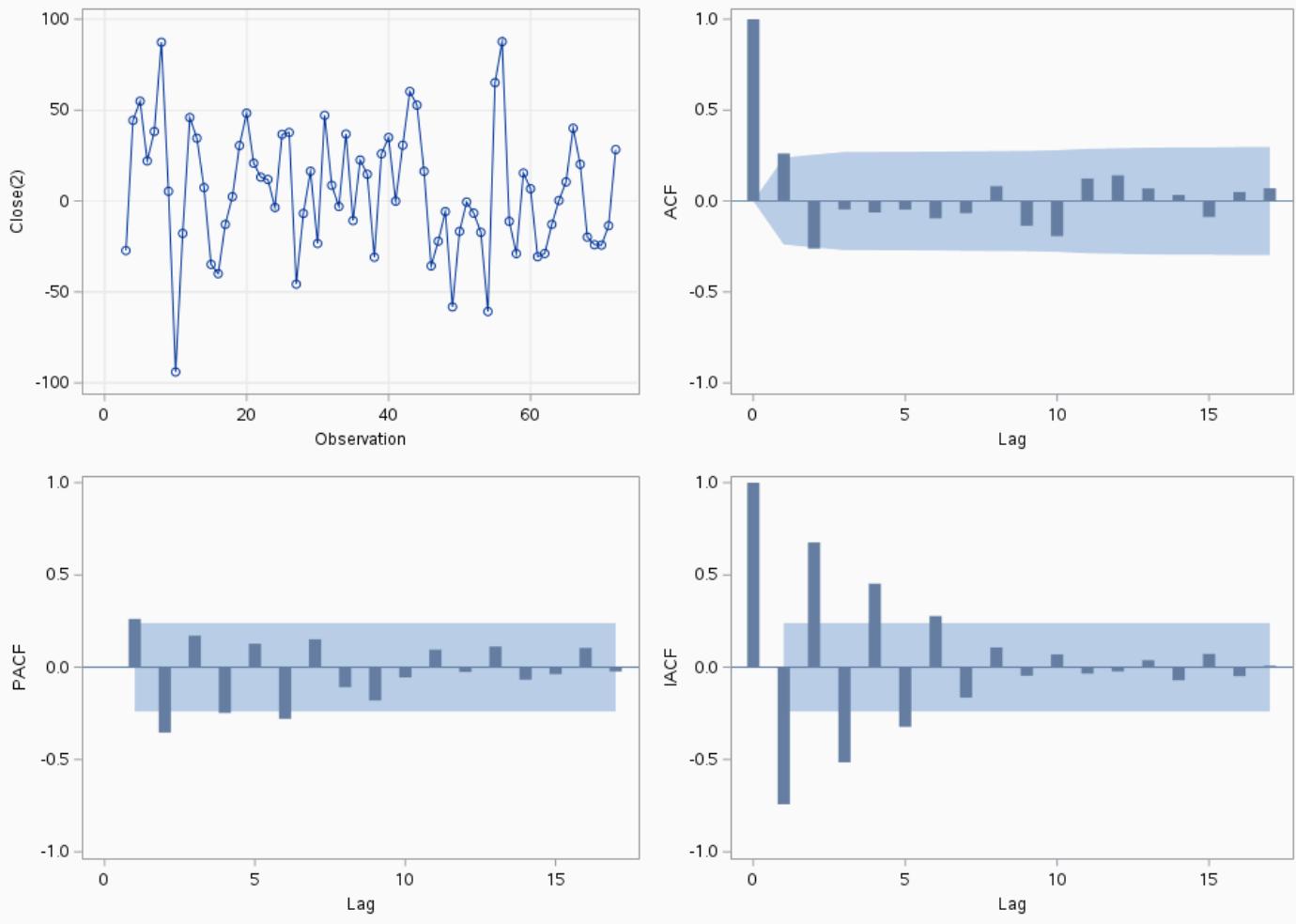
The ARIMA Procedure

Name=DABUR

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	5.922857
Standard Deviation	34.29121
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
				-0.261	-0.046	-0.063	-0.046	-0.095	
6	11.39	6	0.0771	0.262	-0.261	-0.046	-0.063	-0.046	-0.095
12	19.98	12	0.0675	-0.066	0.082	-0.136	-0.193	0.124	0.141

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	8.063765
Maximum Absolute Value of Gradient	1759.063
R-Square Change from Last Iteration	0.064215
Objective Function	Log Gaussian Likelihood
Objective Function Value	-328.581
Marquardt's Lambda Coefficient	0.00001
Numerical Derivative Perturbation Delta	0.001
Iterations	9
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	5.61029	2.64995	2.12	0.0342	0
MA1,1	-0.19013	10.84790	-0.02	0.9860	1
MA1,2	0.80987	8.85854	0.09	0.9272	2
AR1,1	0.49086	0.23550	2.08	0.0371	1
AR1,2	0.04259	0.16923	0.25	0.8013	2

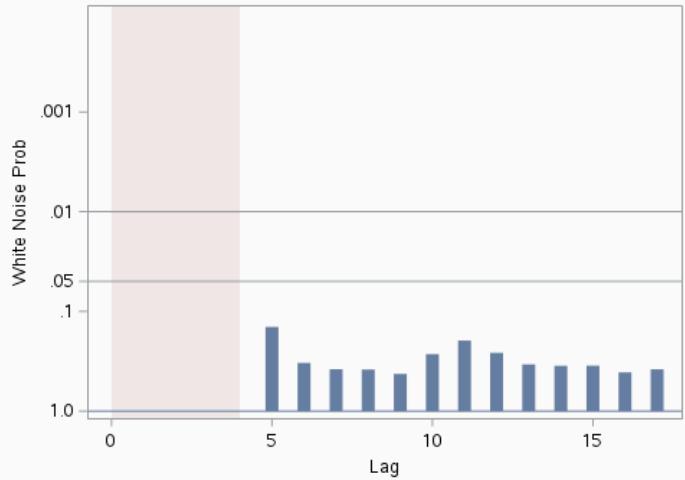
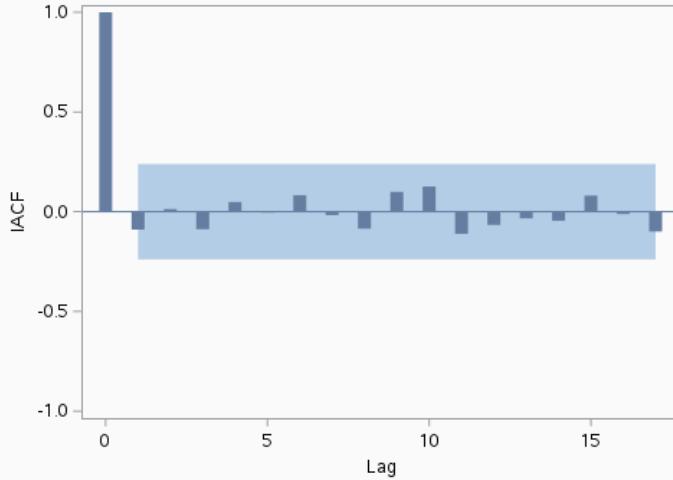
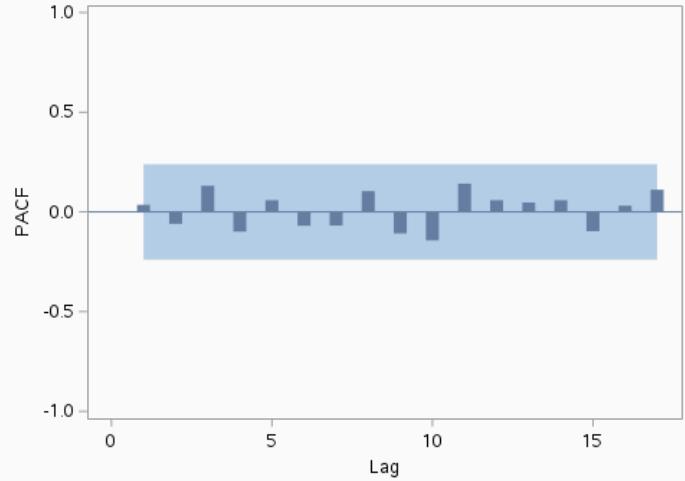
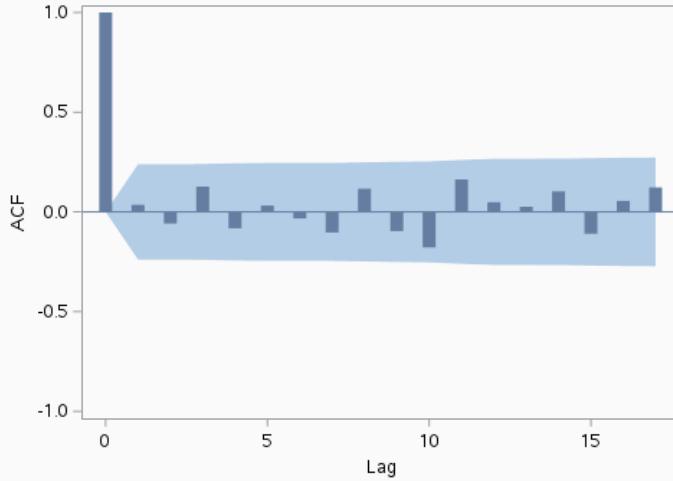
Constant Estimate	2.617465
Variance Estimate	710.4216
Std Error Estimate	26.65373
AIC	667.1625
SBC	678.405
Number of Residuals	70

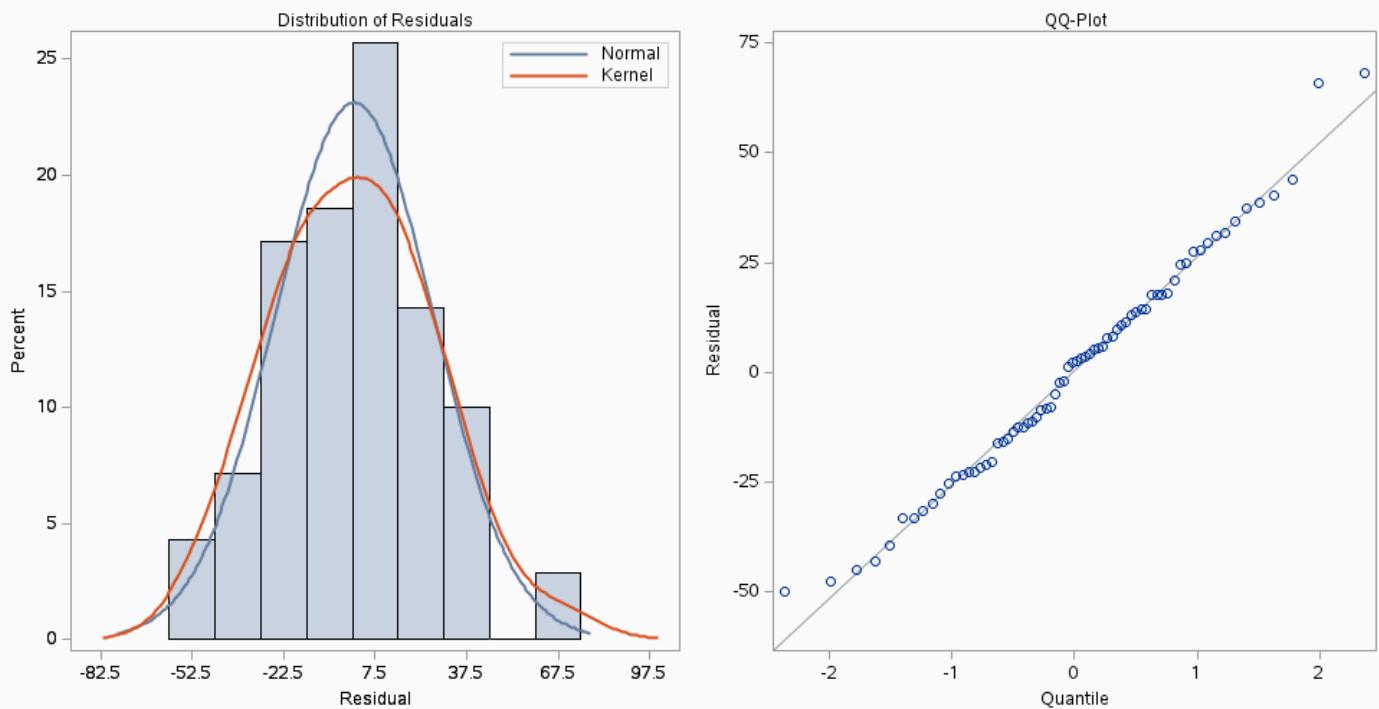
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	0.012	-0.006	0.125	0.071
MA1,1	0.012	1.000	-0.999	0.023	-0.333
MA1,2	-0.006	-0.999	1.000	0.013	0.358

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	0.125	0.023	0.013	1.000	0.304
AR1,2	0.071	-0.333	0.358	0.304	1.000

Autocorrelation Check of Residuals								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	2.24	2	0.3269	0.036	-0.058	0.127	-0.082	0.032
12	10.09	8	0.2590	-0.103	0.116	-0.096	-0.178	0.163
18	15.32	14	0.3568	0.027	0.104	-0.108	0.057	0.124
24	18.17	20	0.5761	0.082	0.010	-0.041	0.108	-0.061

Residual Correlation Diagnostics for Close(2)



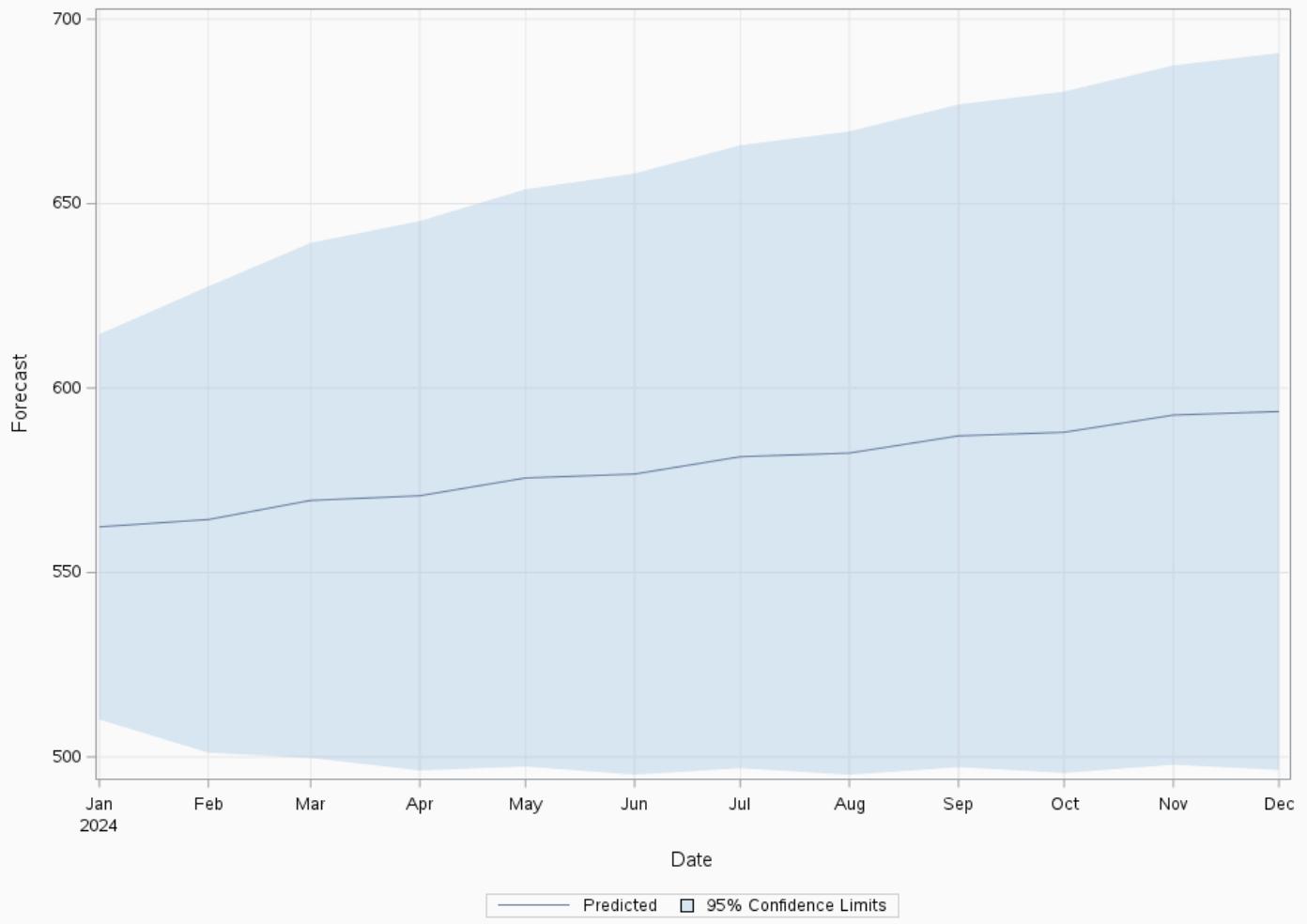
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	5.610294
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 - 0.49086 B^{**}(1) - 0.04259 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 0.19013 B^{**}(1) - 0.80987 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	562.3688	26.6537	510.1284	614.6091
74	564.3633	32.2471	501.1602	627.5664
75	569.5383	35.6126	499.7389	639.3377
76	570.8051	38.0007	496.3251	645.2850
77	575.6231	39.9170	497.3872	653.8590
78	576.6837	41.5768	495.1947	658.1728
79	581.3853	43.0842	496.9418	665.8289
80	582.3800	44.4932	495.1750	669.5851
81	587.0443	45.8331	497.2131	676.8756
82	588.0179	47.1209	495.6627	680.3731
83	592.6702	48.3666	497.8734	687.4670
84	593.6370	49.5768	496.4683	690.8058

Forecasts for Close**Historical Closing Price Of The Stock**

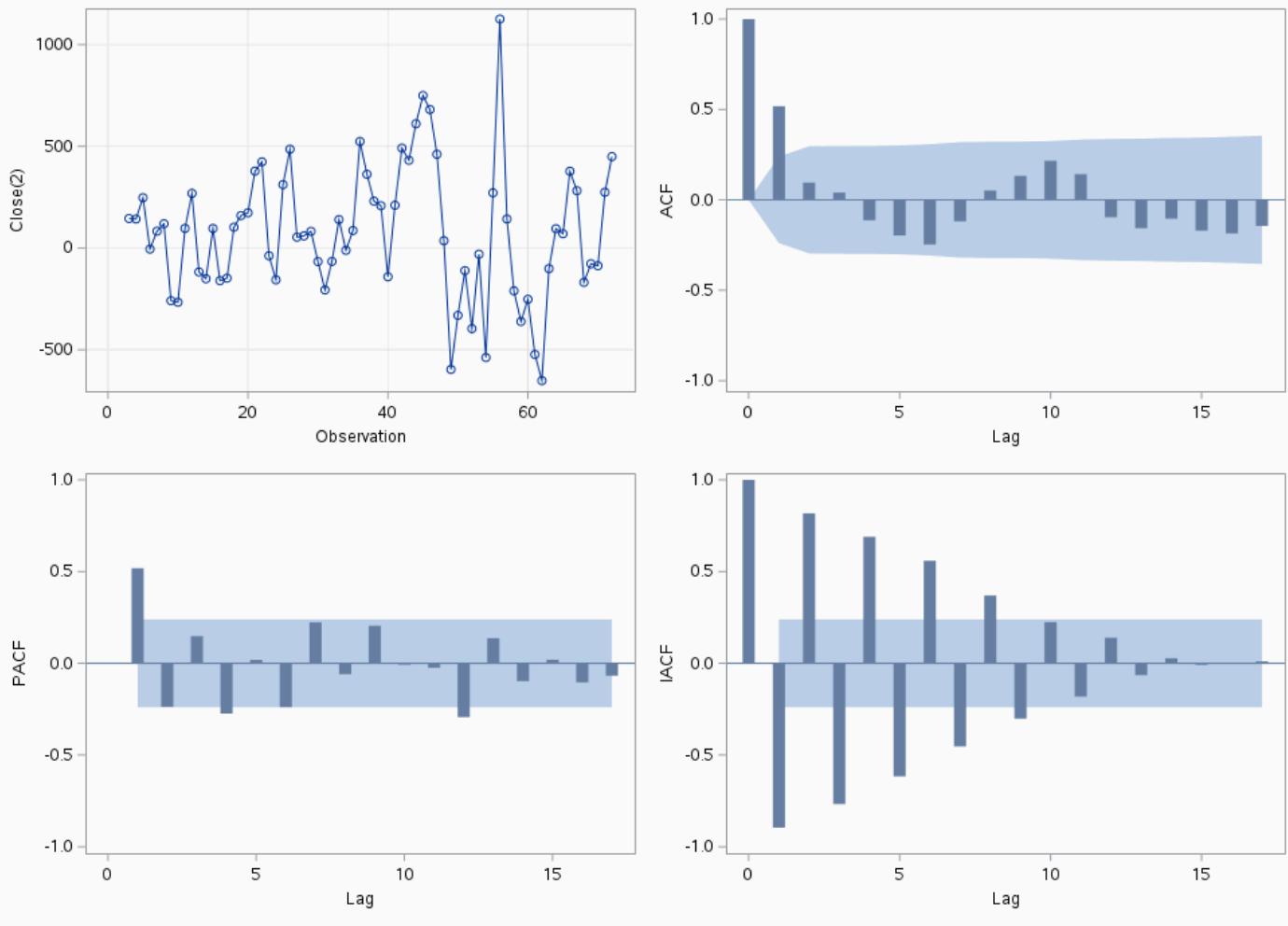
The ARIMA Procedure

Name=DMART

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	78.63714
Standard Deviation	321.4617
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
				-0.119	0.051	0.133	0.216	0.142	-0.096
6	29.16	6	<.0001	0.518	0.095	0.040	-0.113	-0.197	-0.247
12	38.40	12	0.0001	-0.119	0.051	0.133	0.216	0.142	-0.096

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	50.90699
Maximum Absolute Value of Gradient	528668.2
R-Square Change from Last Iteration	0.319039
Objective Function	Log Gaussian Likelihood
Objective Function Value	-484.809
Marquardt's Lambda Coefficient	0.0001
Numerical Derivative Perturbation Delta	0.001
Iterations	17
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	101.54474	25.38817	4.00	<.0001	0
MA1,1	0.23137	36.33694	0.01	0.9949	1
MA1,2	0.76842	27.95368	0.03	0.9781	2
AR1,1	0.97715	0.24124	4.05	<.0001	1
AR1,2	-0.03807	0.17438	-0.22	0.8272	2

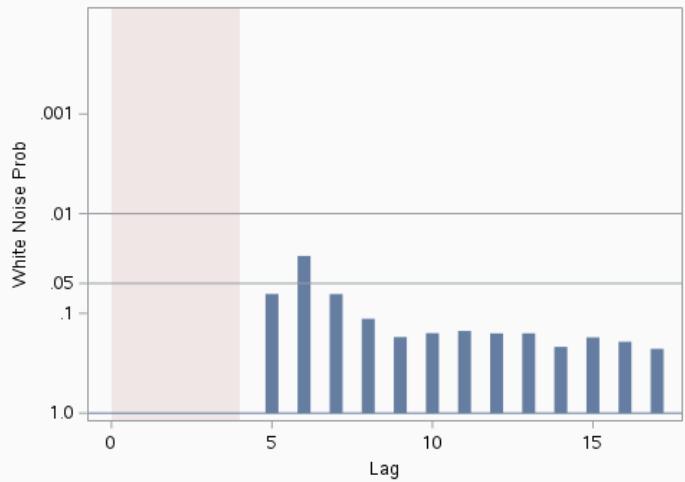
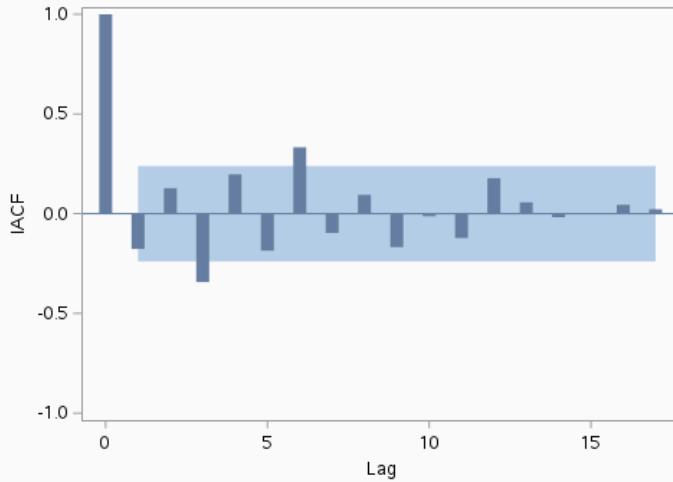
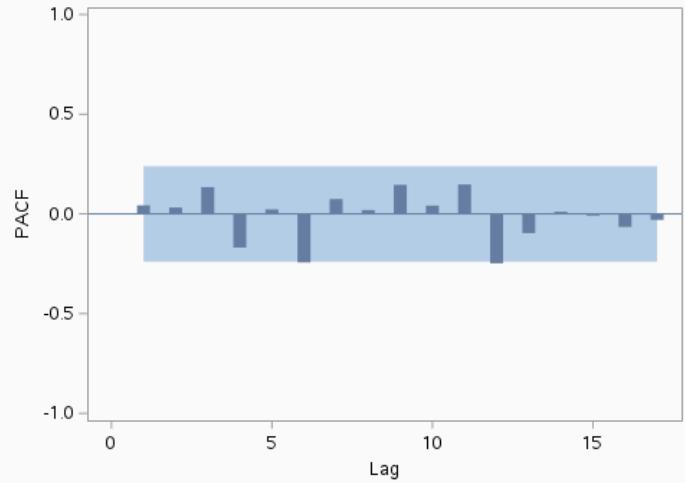
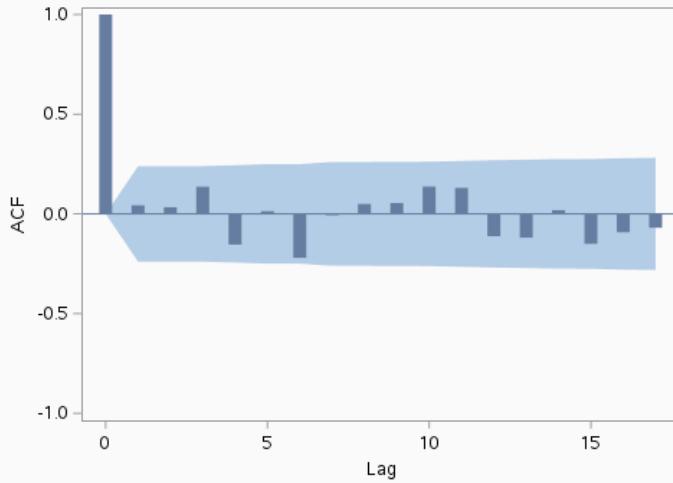
Constant Estimate	6.186171
Variance Estimate	63455.11
Std Error Estimate	251.903
AIC	979.6187
SBC	990.8612
Number of Residuals	70

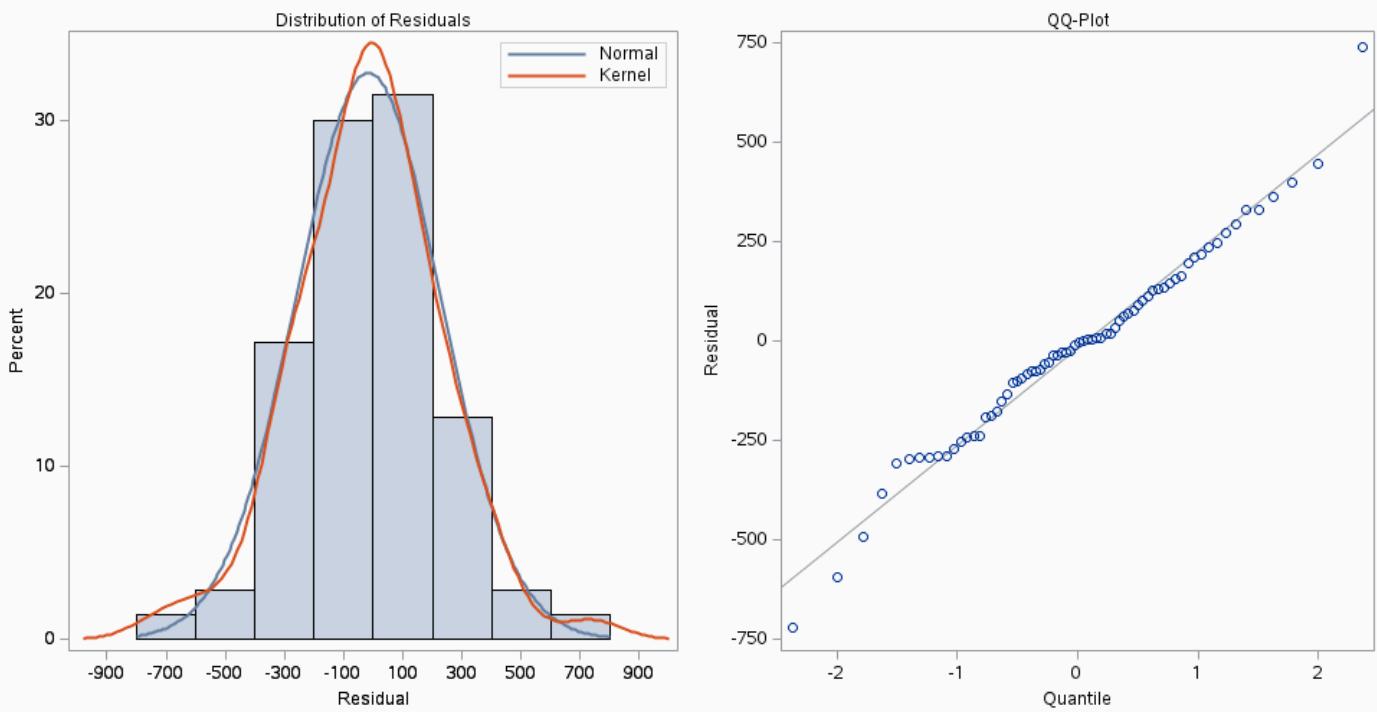
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	-0.180	-0.180	-0.075	-0.106
MA1,1	-0.180	1.000	1.000	0.745	0.326
MA1,2	-0.180	1.000	1.000	0.741	0.332

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	-0.075	0.745	0.741	1.000	-0.347
AR1,2	-0.106	0.326	0.332	-0.347	1.000

Autocorrelation Check of Residuals								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	7.14	2	0.0281	0.047	0.039	0.142	-0.148	0.018
12	11.86	8	0.1575	-0.003	0.053	0.058	0.140	0.131
18	17.00	14	0.2562	-0.120	0.015	-0.154	-0.097	-0.072
24	18.72	20	0.5402	0.030	0.036	0.051	-0.032	-0.084

Residual Correlation Diagnostics for Close(2)



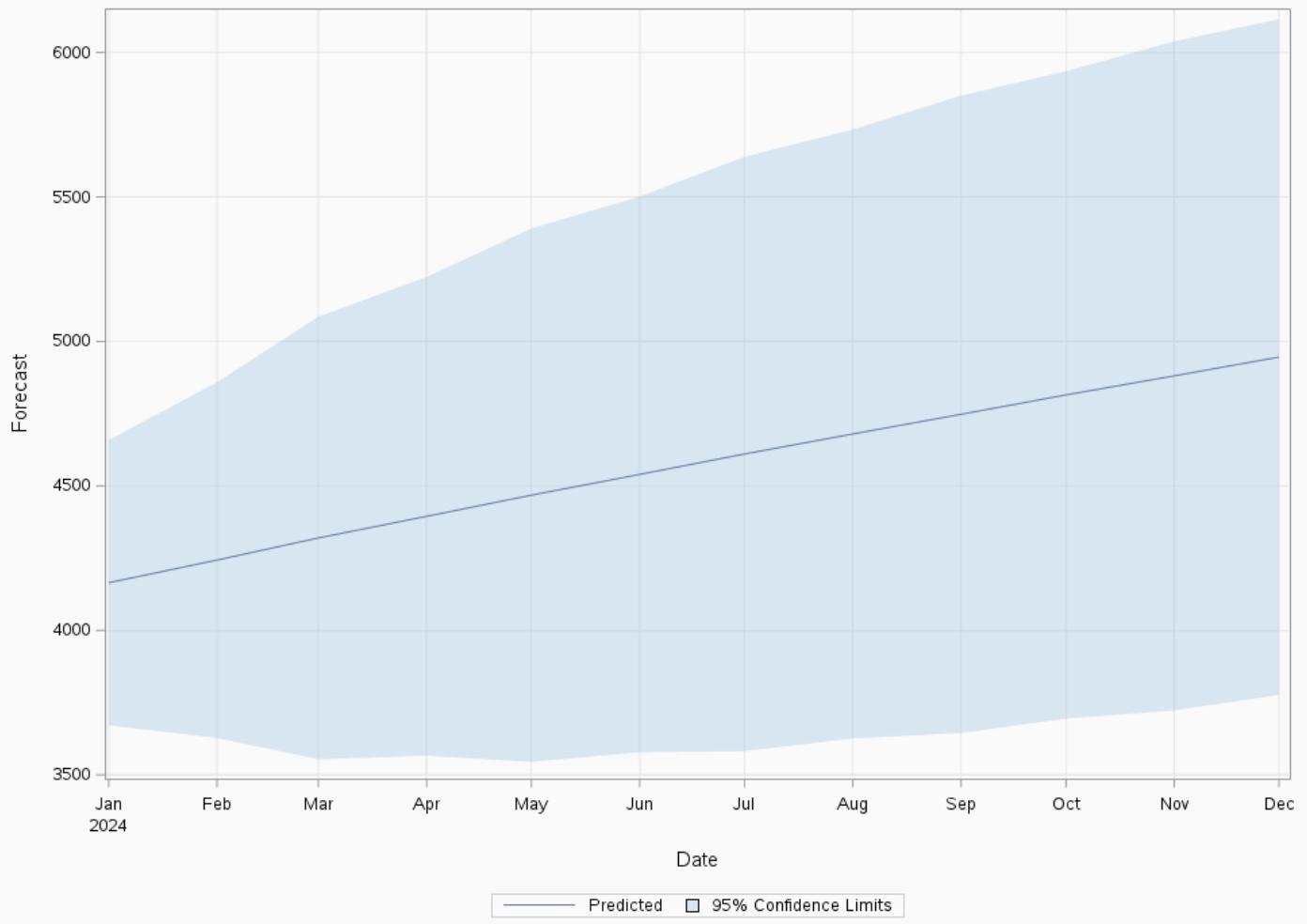
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	101.5447
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 - 0.97715 B^{**}(1) + 0.03807 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 - 0.23137 B^{**}(1) - 0.76842 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	4164.7568	251.9030	3671.0361	4658.4776
74	4243.1448	314.2416	3627.2425	4859.0470
75	4319.5853	390.7921	3553.6469	5085.5237
76	4394.5115	422.8760	3565.6897	5223.3333
77	4467.7850	470.9852	3544.6710	5390.8990
78	4539.7484	490.8421	3577.7155	5501.7812
79	4610.2474	524.7184	3581.8183	5638.6765
80	4679.6124	537.7569	3625.6283	5733.5965
81	4747.6781	562.8789	3644.4557	5850.9004
82	4814.7643	571.6439	3694.3628	5935.1657
83	4880.6958	590.8561	3722.6391	6038.7525
84	4945.7834	596.7905	3776.0955	6115.4713

Forecasts for Close**Historical Closing Price Of The Stock**

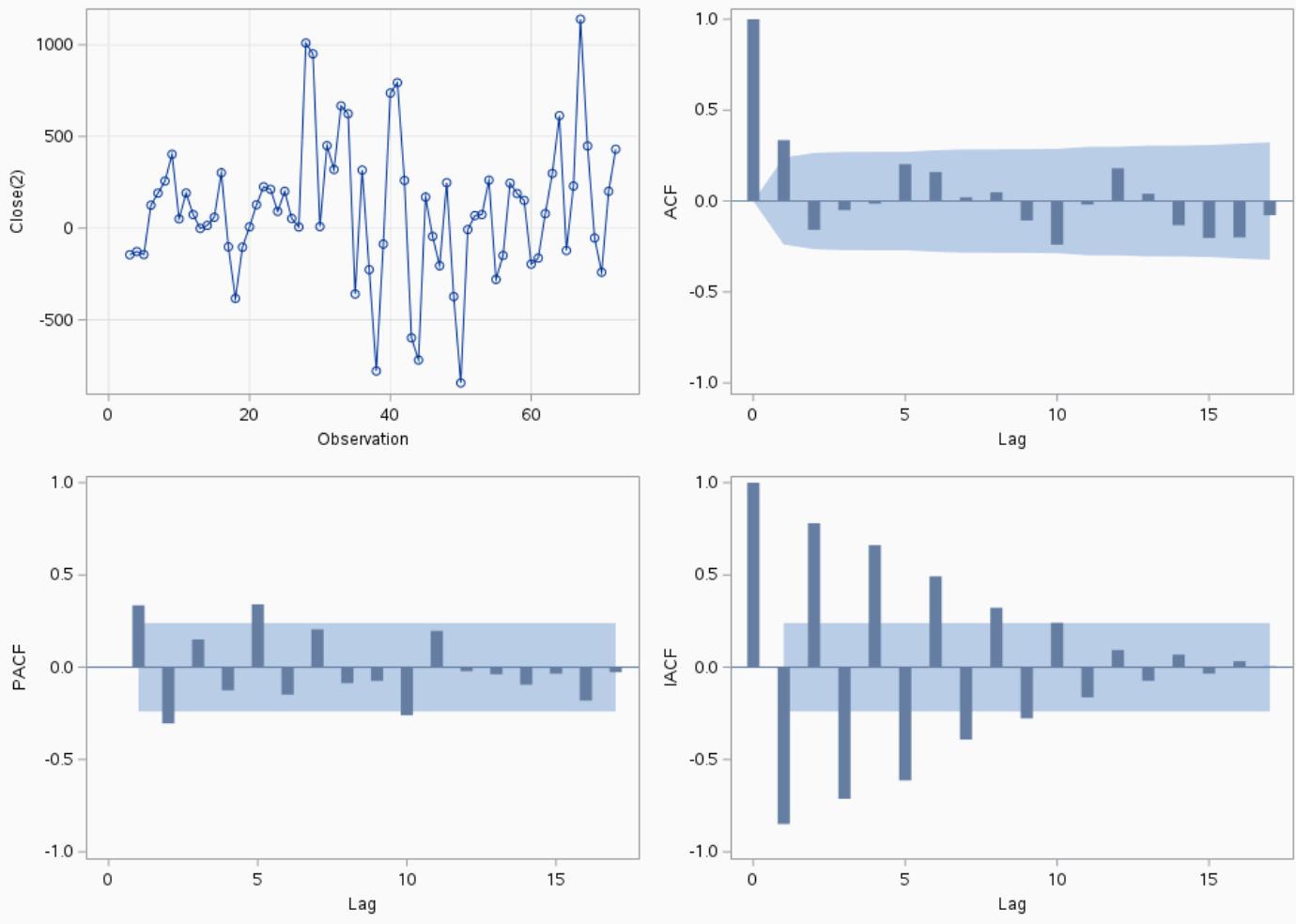
The ARIMA Procedure

Name=DRREDD

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	101.7636
Standard Deviation	374.6404
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
				-0.158	-0.050	-0.014	0.203	0.159	
6	15.42	6	0.0172	0.335	-0.158	-0.050	-0.014	0.203	0.159
12	24.27	12	0.0187	0.021	0.048	-0.107	-0.240	-0.019	0.180

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	32.74699
Maximum Absolute Value of Gradient	618996.8
R-Square Change from Last Iteration	0.269042
Objective Function	Log Gaussian Likelihood
Objective Function Value	-498.807
Marquardt's Lambda Coefficient	0.00001
Numerical Derivative Perturbation Delta	0.001
Iterations	7
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	98.98697	50.18261	1.97	0.0485	0
MA1,1	-0.56469	9.93203	-0.06	0.9547	1
MA1,2	0.43508	6.66796	0.07	0.9480	2
AR1,1	0.08094	3.22194	0.03	0.9800	1
AR1,2	0.12223	1.19420	0.10	0.9185	2

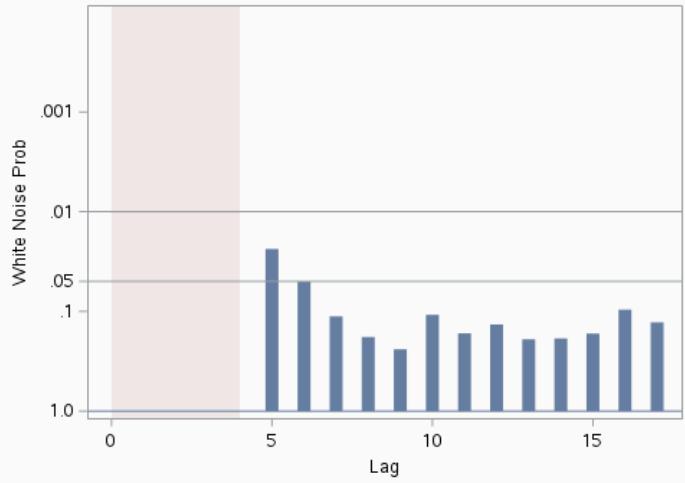
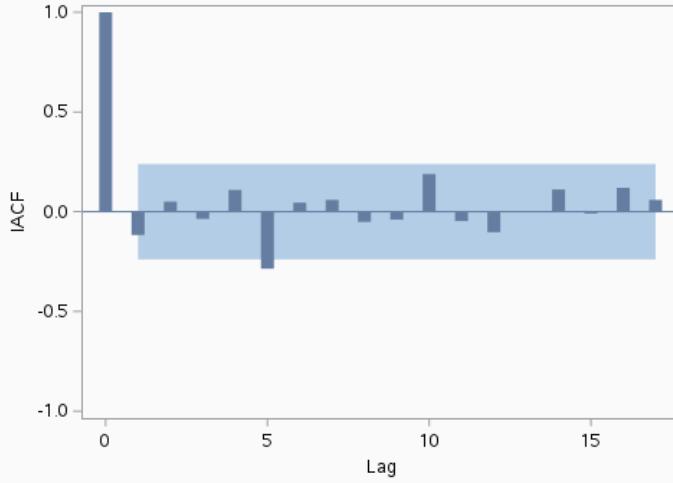
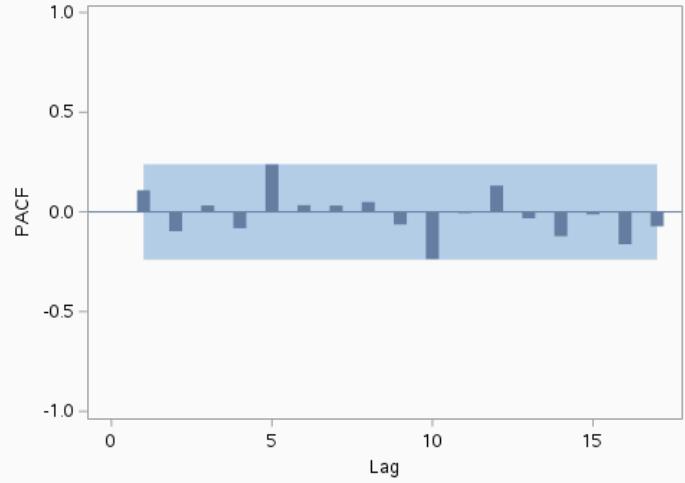
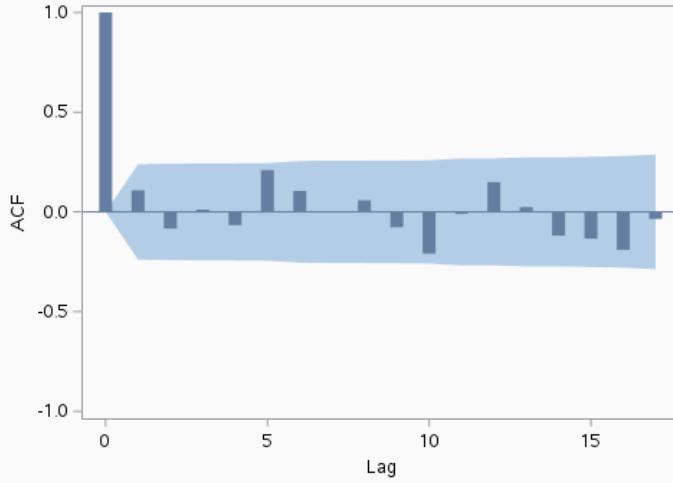
Constant Estimate	78.87585
Variance Estimate	92653.43
Std Error Estimate	304.3903
AIC	1007.613
SBC	1018.856
Number of Residuals	70

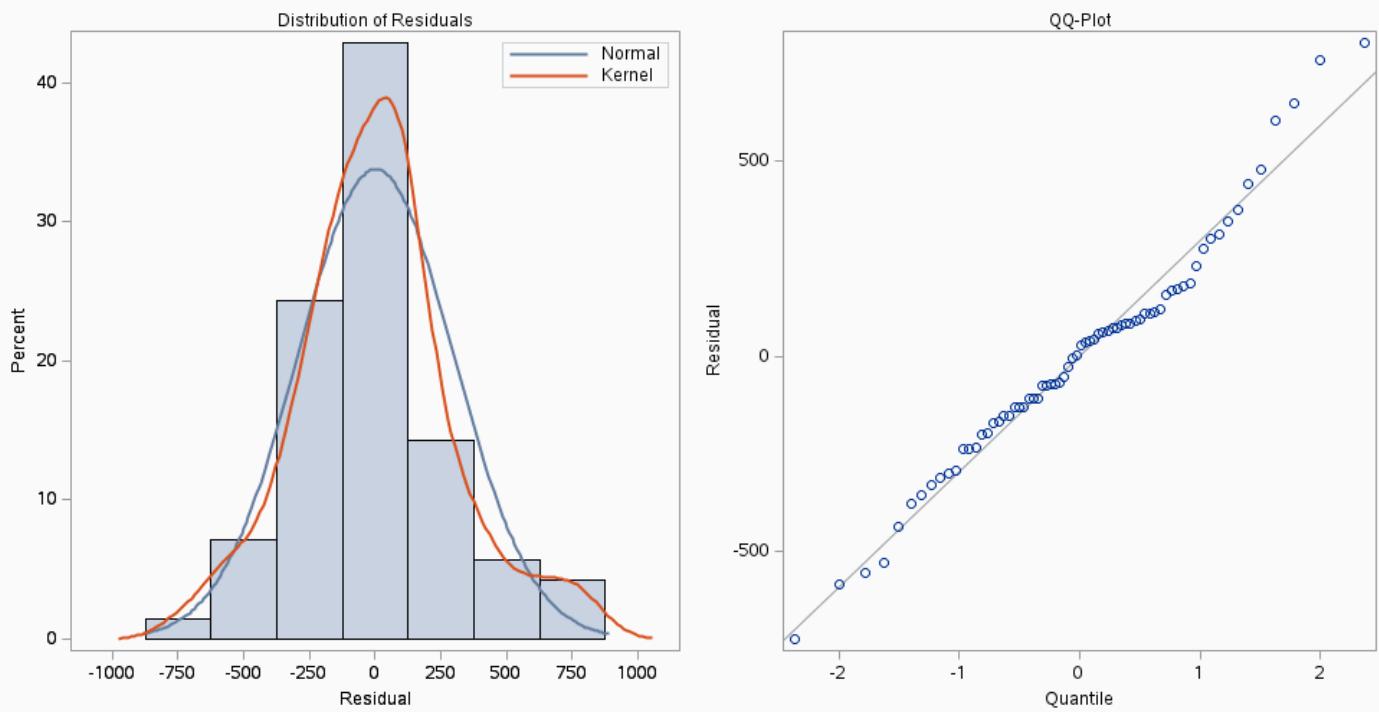
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	0.000	-0.005	-0.007	-0.006
MA1,1	0.000	1.000	-0.722	-0.083	-0.155
MA1,2	-0.005	-0.722	1.000	0.749	0.792

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	-0.007	-0.083	0.749	1.000	0.990
AR1,2	-0.006	-0.155	0.792	0.990	1.000

Autocorrelation Check of Residuals									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	5.99	2	0.0501	0.108	-0.084	0.012	-0.066	0.210	0.105
12	12.38	8	0.1349	-0.002	0.058	-0.077	-0.209	-0.010	0.150
18	19.28	14	0.1545	0.024	-0.120	-0.134	-0.190	-0.035	-0.067
24	26.48	20	0.1505	-0.075	0.027	-0.188	-0.115	-0.034	-0.114

Residual Correlation Diagnostics for Close(2)



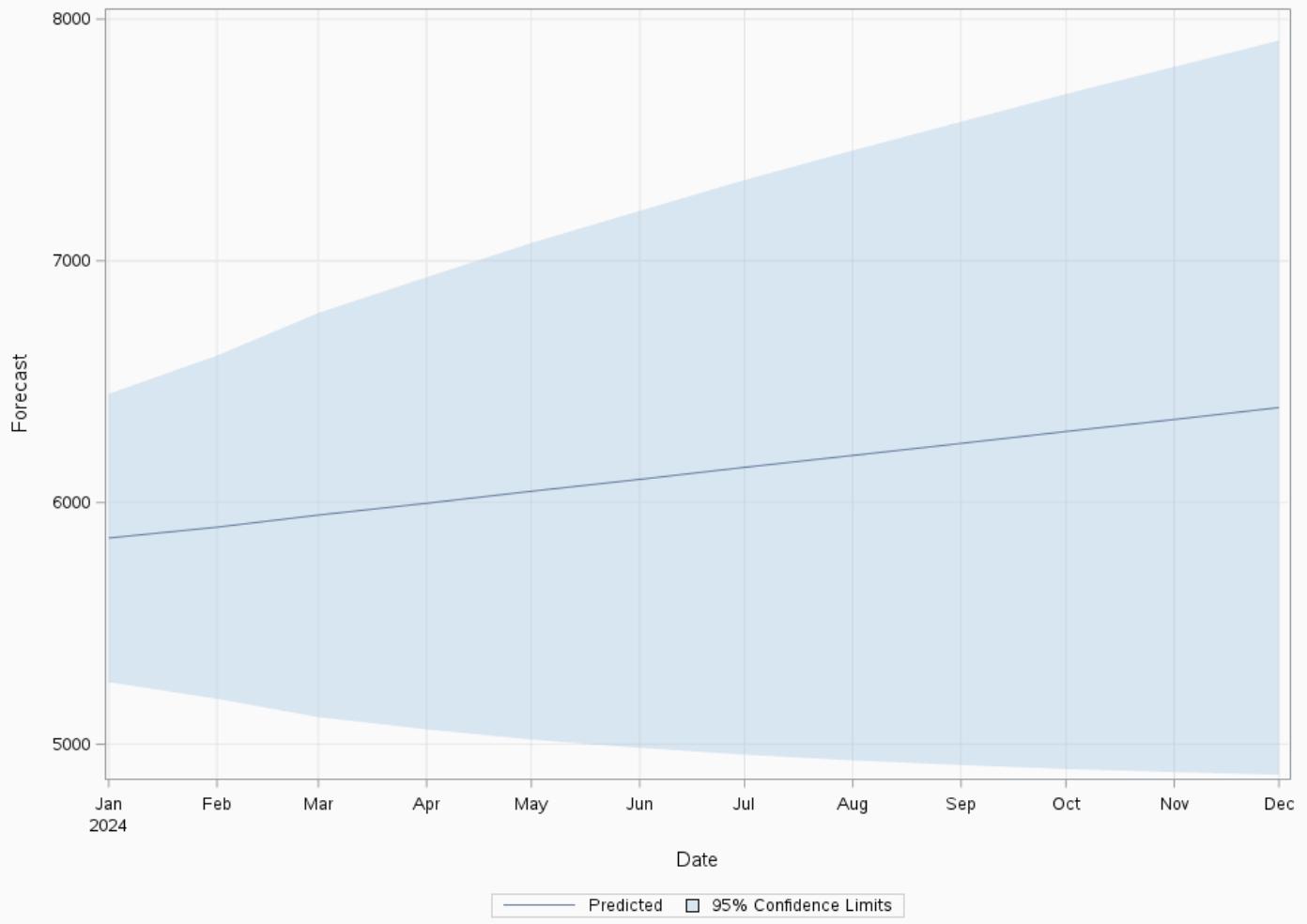
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	98.98697
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 - 0.08094 B^{**}(1) - 0.12223 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 0.56469 B^{**}(1) - 0.43508 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	5853.4454	304.3903	5256.8514	6450.0393
74	5898.3319	362.3190	5188.1998	6608.4641
75	5948.4314	426.5337	5112.4406	6784.4221
76	5997.1717	477.2628	5061.7537	6932.5896
77	6046.9174	524.1959	5019.5123	7074.3224
78	6096.1001	566.8040	4985.1846	7207.0156
79	6145.8384	606.5335	4957.0547	7334.6221
80	6195.0746	643.7510	4933.3458	7456.8033
81	6244.8163	678.9611	4914.0770	7575.5555
82	6294.0593	712.4064	4897.7683	7690.3502
83	6343.8020	744.3726	4884.8584	7802.7455
84	6393.0459	775.0002	4874.0735	7912.0182

Forecasts for Close**Historical Closing Price Of The Stock**

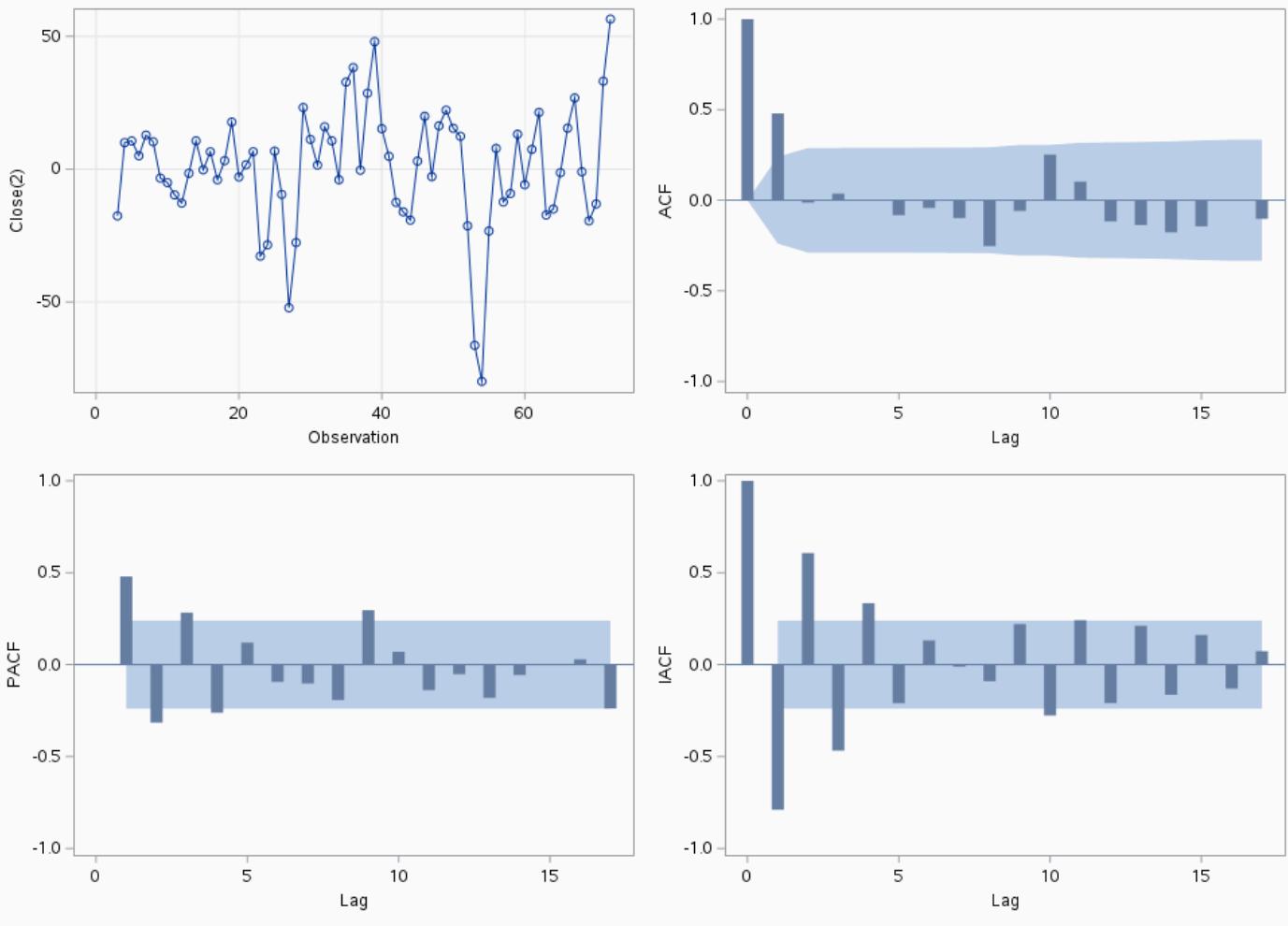
The ARIMA Procedure

Name=EXPEDI

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	0.782714
Standard Deviation	22.54387
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
				1	2	3	4	5	6
6	17.57	6	0.0074	0.479	-0.013	0.037	0.002	-0.083	-0.042
12	31.23	12	0.0018	-0.098	-0.253	-0.059	0.252	0.103	-0.117

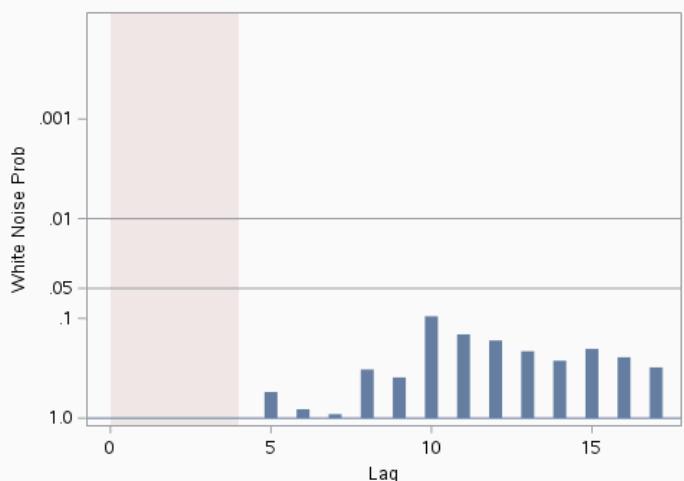
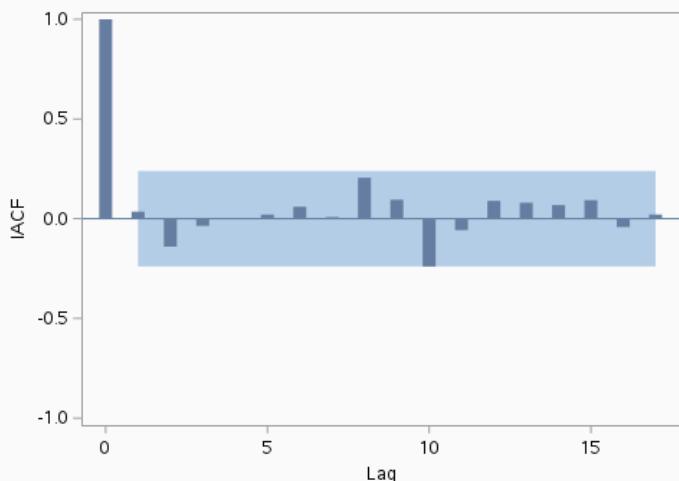
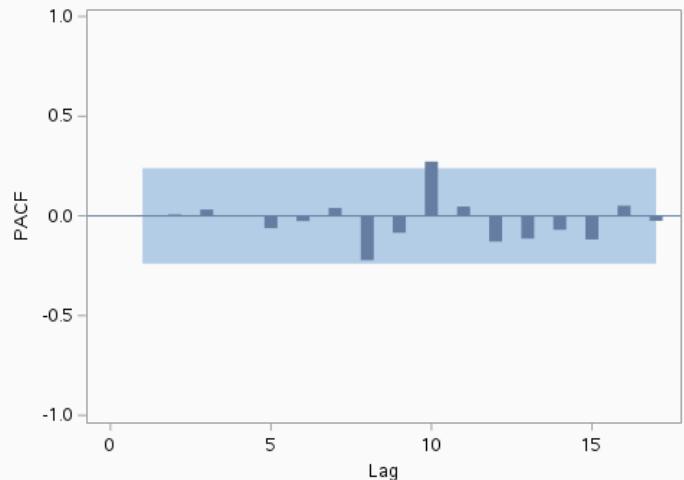
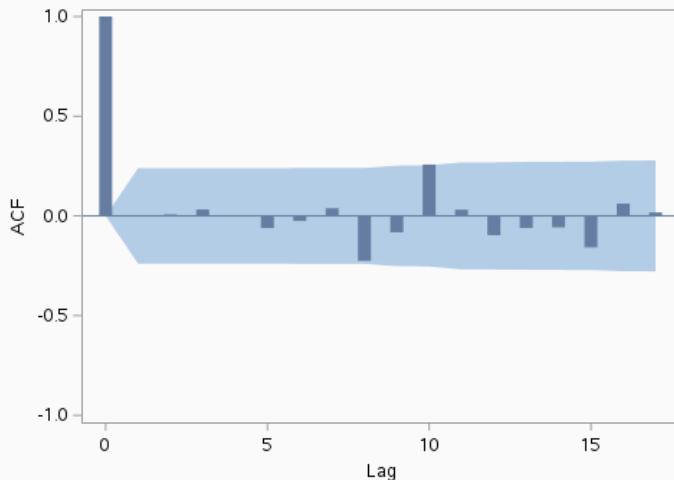
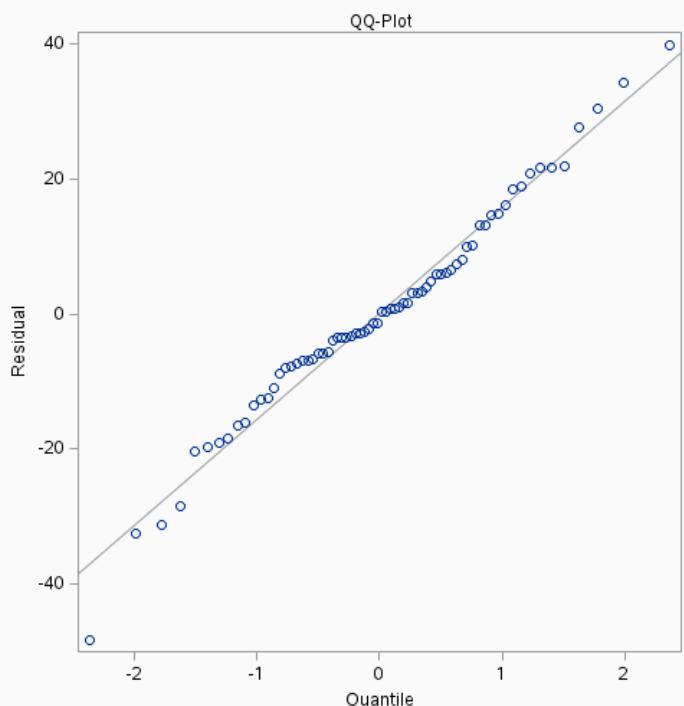
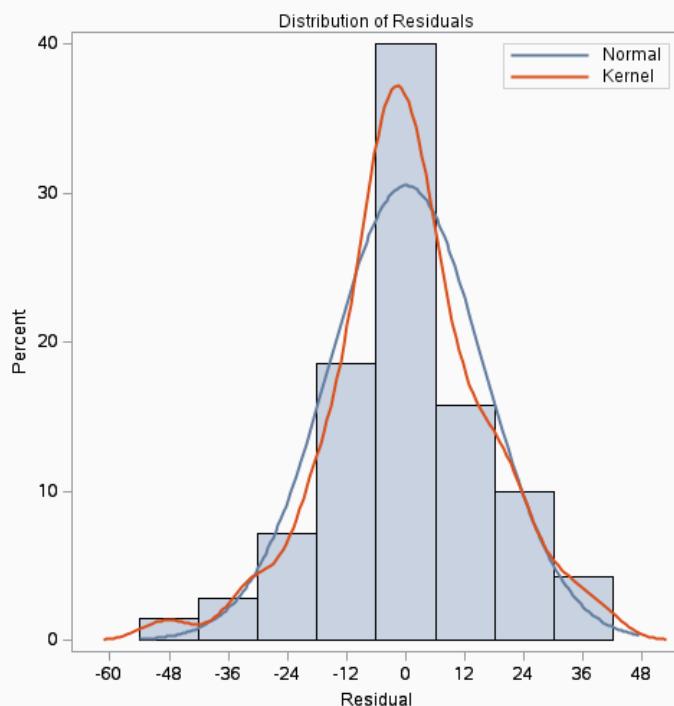
Trend and Correlation Analysis for Close(2)

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	0.78465	3.84252	0.20	0.8382	0
MA1,1	-1.74934	0.14987	-11.67	<.0001	1
MA1,2	-0.80500	0.12696	-6.34	<.0001	2
AR1,1	-0.70187	0.18703	-3.75	0.0002	1
AR1,2	-0.04701	0.15513	-0.30	0.7619	2

Constant Estimate	1.372261
Variance Estimate	261.5525
Std Error Estimate	16.17258
AIC	595.3175
SBC	606.56
Number of Residuals	70

Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	-0.021	-0.019	-0.009	0.027
MA1,1	-0.021	1.000	0.985	0.749	-0.427
MA1,2	-0.019	0.985	1.000	0.740	-0.349
AR1,1	-0.009	0.749	0.740	1.000	0.043
AR1,2	0.027	-0.427	-0.349	0.043	1.000

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
				Autocorrelations					
6	0.41	2	0.8128	0.000	0.007	0.031	-0.002	-0.061	-0.025
12	11.69	8	0.1657	0.038	-0.225	-0.083	0.257	0.031	-0.097
18	23.76	14	0.0489	-0.061	-0.058	-0.158	0.061	0.017	-0.301
24	27.41	20	0.1241	-0.142	-0.003	0.033	-0.115	0.018	-0.035

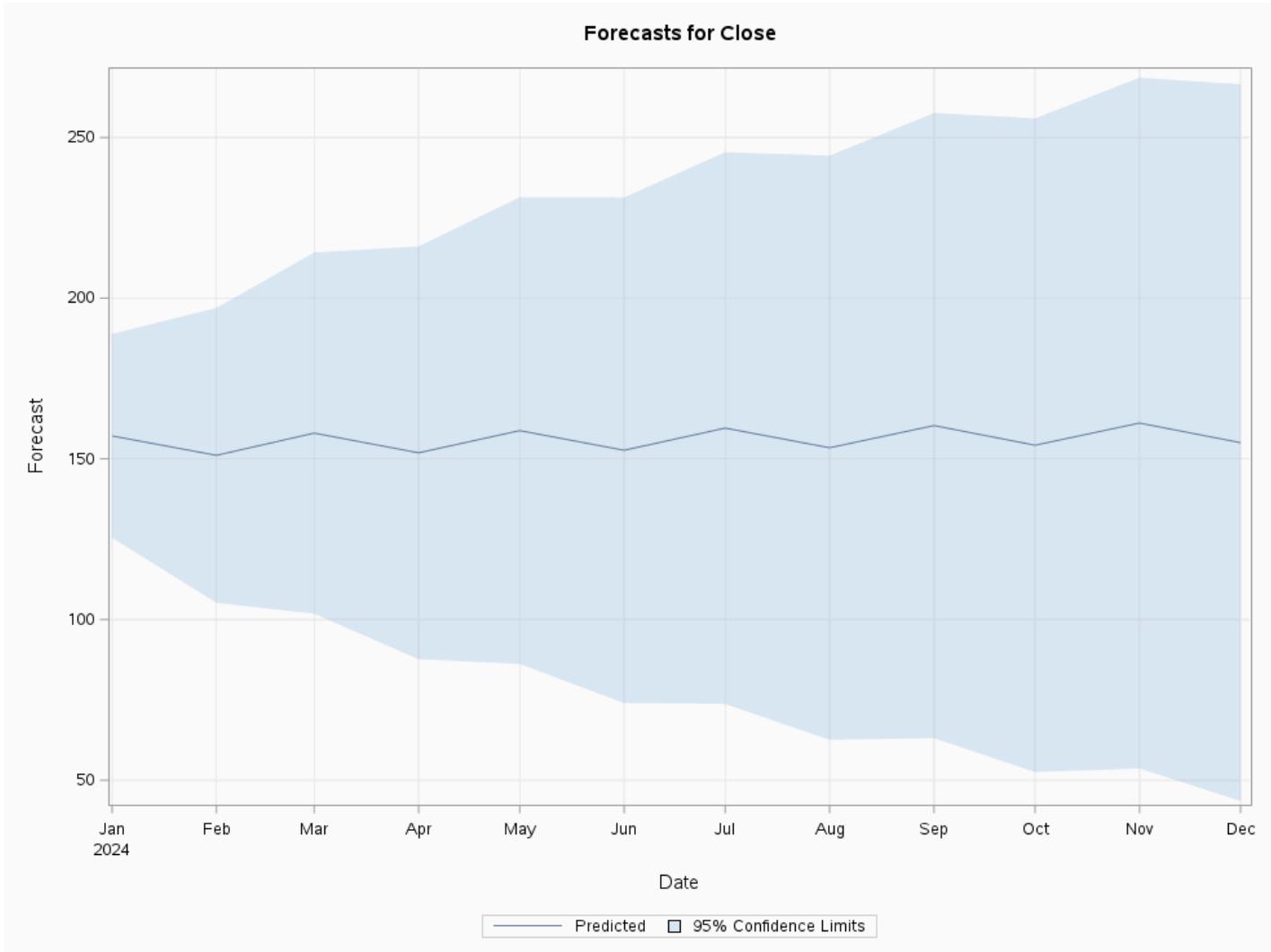
Residual Correlation Diagnostics for Close(2)**Residual Normality Diagnostics for Close(2)**

Model for variable Close	
Estimated Mean	0.784652
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 + 0.70187 B^{**}(1) + 0.04701 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 1.74934 B^{**}(1) + 0.805 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	157.1230	16.1726	125.4254	188.8207
74	151.0880	23.4206	105.1845	196.9915
75	158.0036	28.6731	101.8054	214.2017
76	151.8752	32.7792	87.6292	216.1213
77	158.7819	37.0479	86.1693	231.3945
78	152.6642	40.1315	74.0079	231.3206
79	159.5638	43.8021	73.7133	245.4143
80	153.4506	46.3798	62.5479	244.3533
81	160.3474	49.6301	63.0742	257.6206
82	154.2359	51.8985	52.5168	255.9551
83	161.1316	54.8369	53.6533	268.6099
84	155.0208	56.8907	43.5172	266.5245



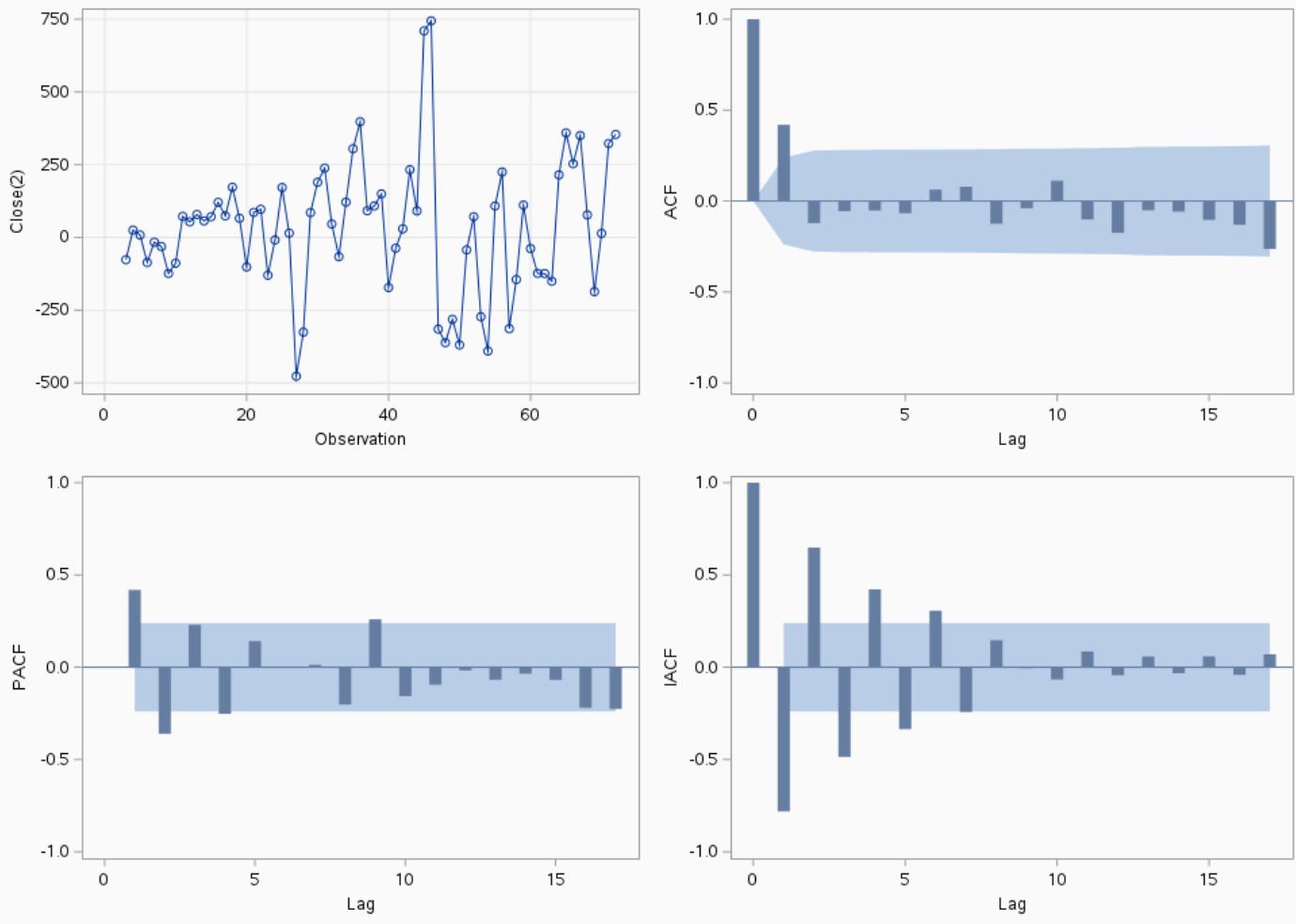
Historical Closing Price Of The Stock

The ARIMA Procedure

Name=GODREJ

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	33.00357
Standard Deviation	225.9287
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	15.01	6	0.0202	0.419	-0.122	-0.056	-0.052	-0.066
12	21.46	12	0.0440	0.078	-0.125	-0.040	0.111	-0.101

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	5.120619
Maximum Absolute Value of Gradient	9678.286
R-Square Change from Last Iteration	0.092745
Objective Function	Log Gaussian Likelihood
Objective Function Value	-459.824
Marquardt's Lambda Coefficient	0.00001
Numerical Derivative Perturbation Delta	0.001
Iterations	6
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	15.07572	33.36981	0.45	0.6514	0
MA1,1	-0.52996	6.14359	-0.09	0.9313	1
MA1,2	0.47004	4.26244	0.11	0.9122	2
AR1,1	0.35279	1.86971	0.19	0.8503	1
AR1,2	0.0058858	0.29054	0.02	0.9838	2

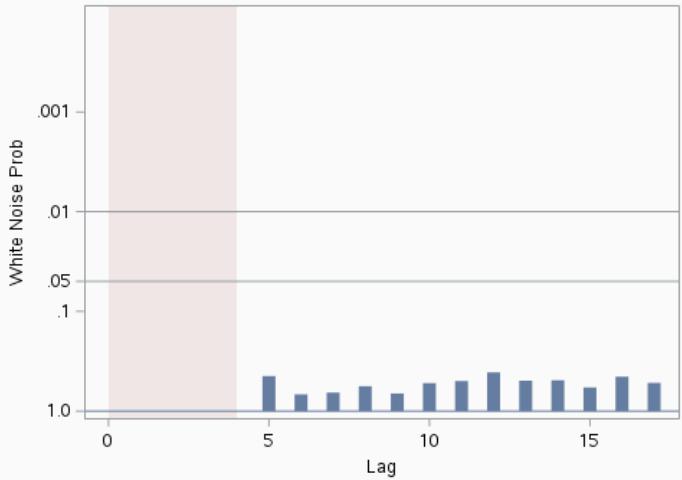
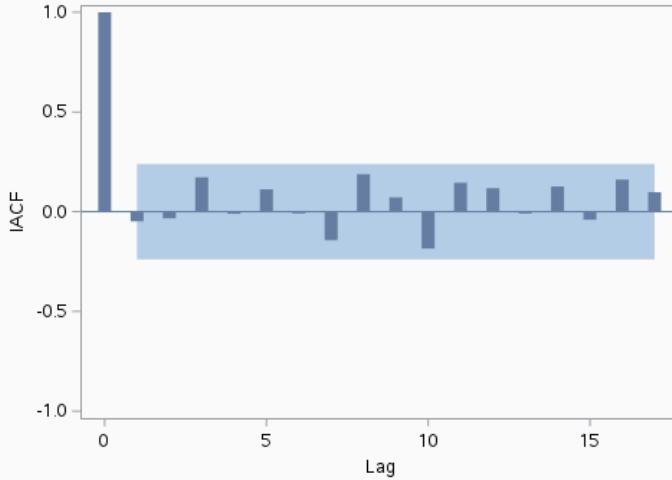
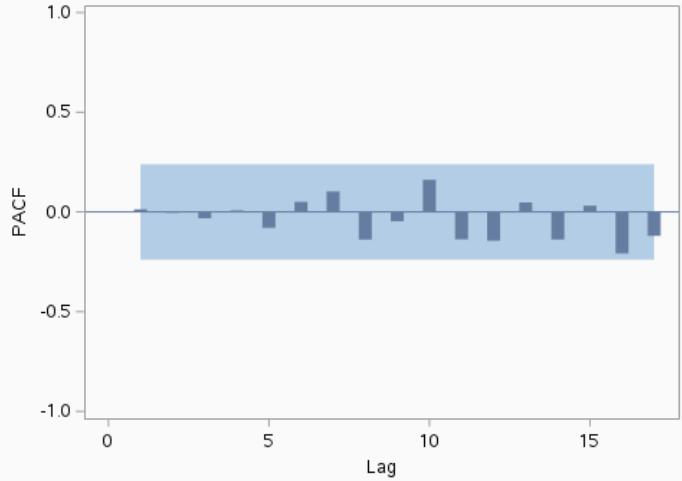
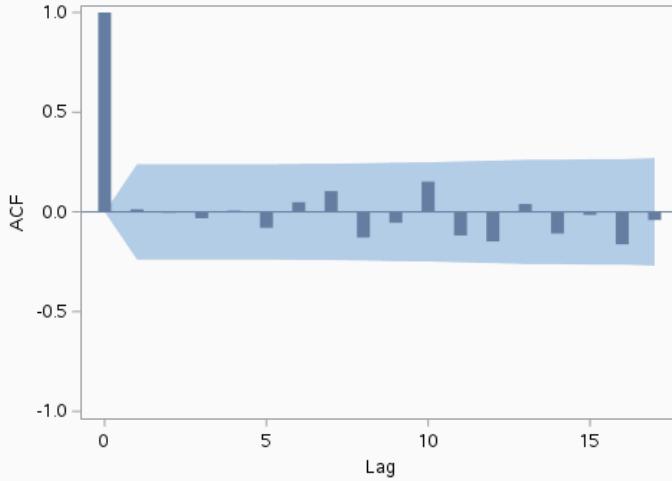
Constant Estimate	9.668486
Variance Estimate	30192.98
Std Error Estimate	173.7613
AIC	929.6472
SBC	940.8896
Number of Residuals	70

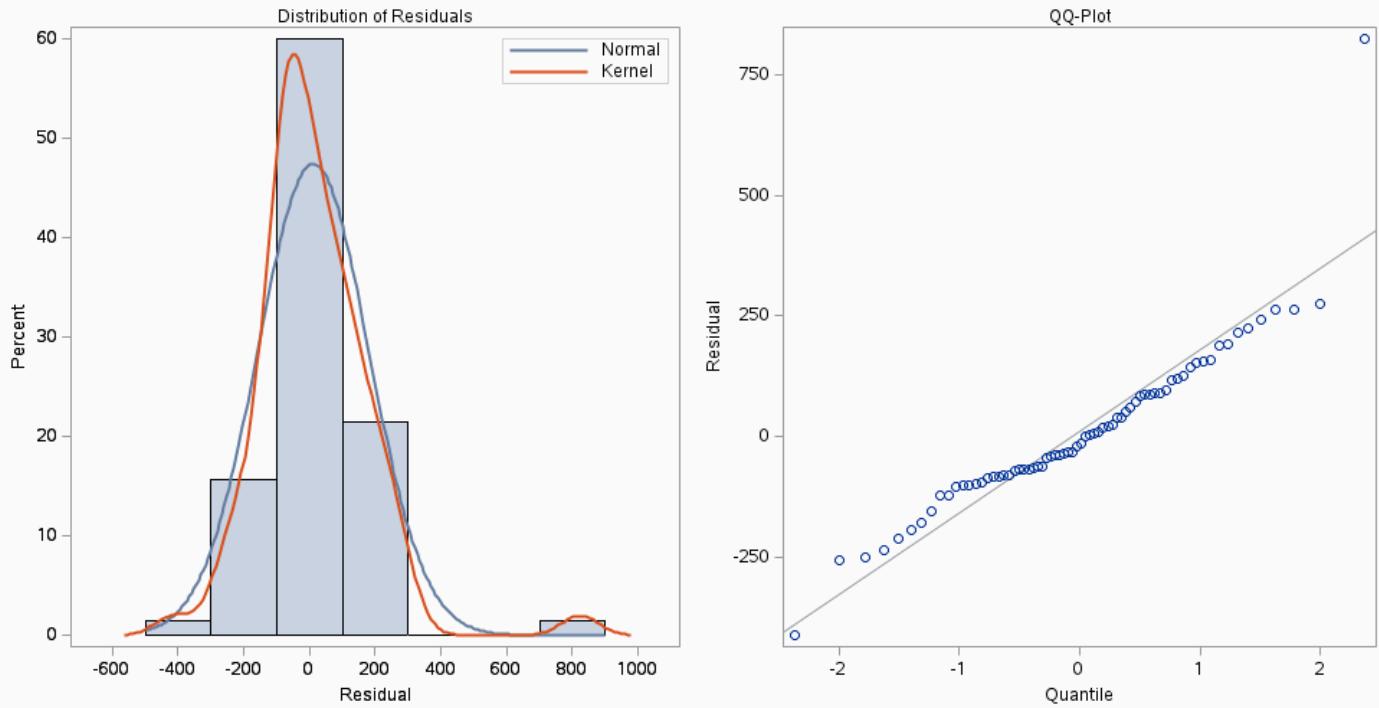
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	0.001	0.029	0.043	0.029
MA1,1	0.001	1.000	-0.769	-0.123	-0.229
MA1,2	0.029	-0.769	1.000	0.728	0.736

Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	0.043	-0.123	0.728	1.000	0.887
AR1,2	0.029	-0.229	0.736	0.887	1.000

Autocorrelation Check of Residuals								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	0.74	2	0.6891	0.017	-0.002	-0.029	0.010	-0.075
12	8.10	8	0.4235	0.106	-0.125	-0.054	0.152	-0.116
18	23.90	14	0.0471	0.042	-0.106	-0.014	-0.160	-0.038
24	28.92	20	0.0894	0.005	0.094	0.187	-0.014	-0.050

Residual Correlation Diagnostics for Close(2)



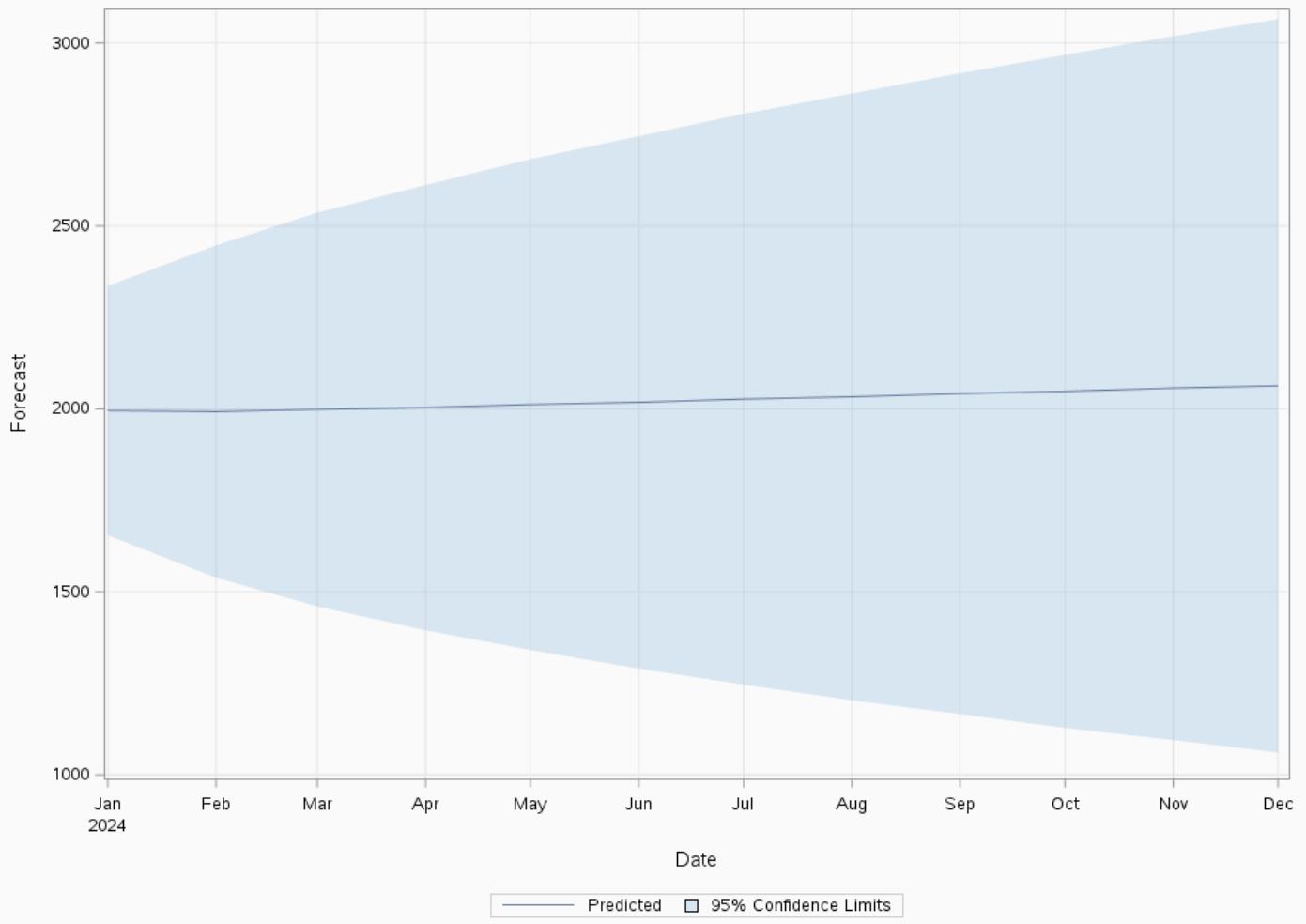
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	15.07572
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 - 0.35279 B^{**}(1) - 0.00589 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 0.52996 B^{**}(1) - 0.47004 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	1995.3074	173.7613	1654.7415	2335.8732
74	1992.7952	231.7765	1538.5216	2447.0688
75	1998.4225	274.5811	1460.2534	2536.5917
76	2003.4417	310.4811	1394.9099	2611.9736
77	2011.8653	342.2837	1341.0016	2682.7289
78	2017.9153	371.2514	1290.2759	2745.5546
79	2026.7189	398.0758	1246.5048	2806.9331
80	2032.9091	423.1886	1203.4748	2862.3434
81	2041.7645	446.8877	1165.8807	2917.6482
82	2047.9737	469.3897	1127.9868	2967.9606
83	2056.8361	490.8610	1094.7663	3018.9059
84	2063.0479	511.4311	1060.6614	3065.4344

Forecasts for Close**Historical Closing Price Of The Stock**

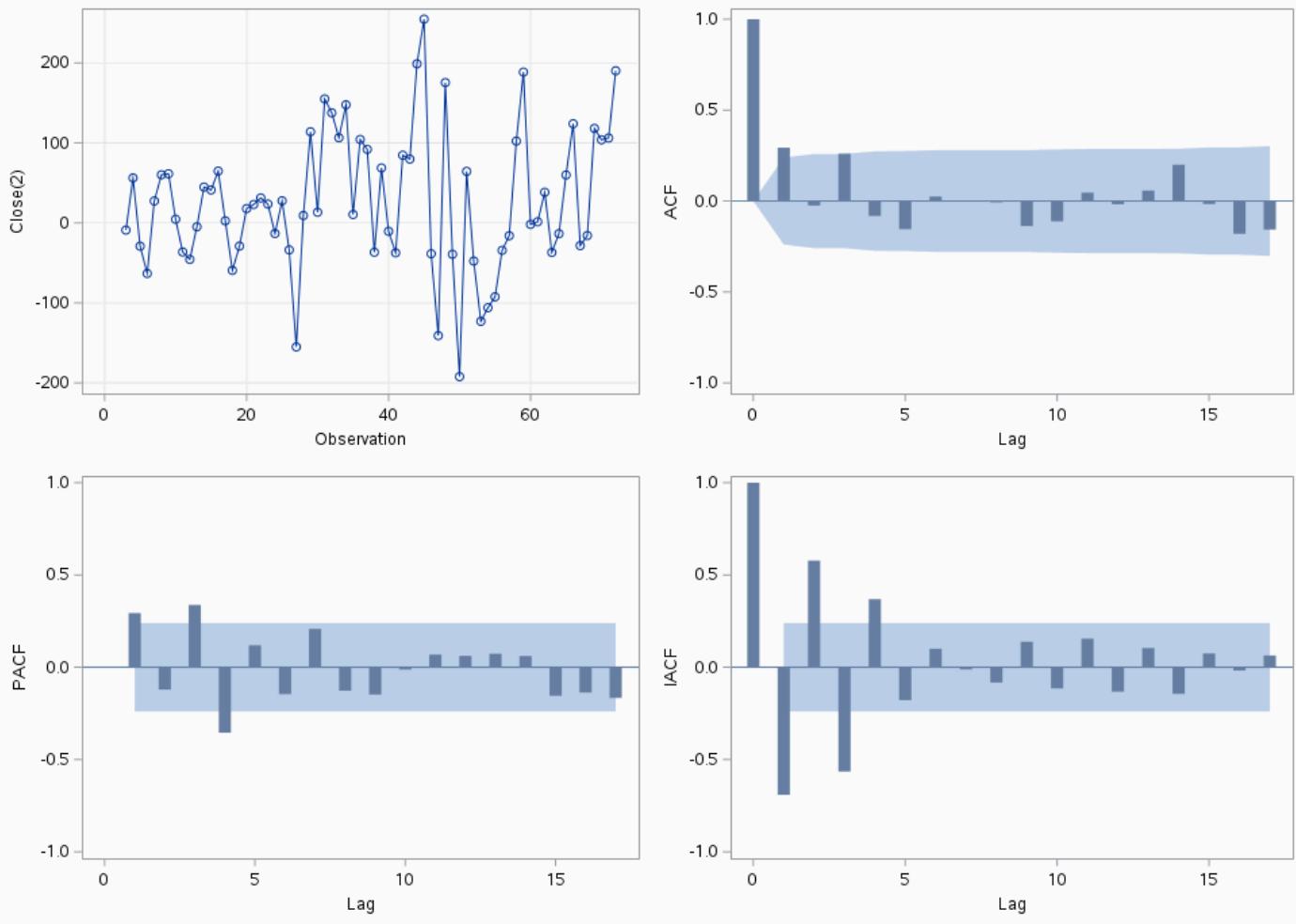
The ARIMA Procedure

Name=HCLTEC

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	26.33679
Standard Deviation	86.21425
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations						
				-0.294	-0.024	0.261	-0.082	-0.154	0.025	
6	13.85	6	0.0313							
12	16.66	12	0.1629	0.003	-0.007	-0.137	-0.111	0.046	-0.017	

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	63.3252
Maximum Absolute Value of Gradient	14626.72
R-Square Change from Last Iteration	0.236613
Objective Function	Log Gaussian Likelihood
Objective Function Value	-396.019
Marquardt's Lambda Coefficient	0.00001
Numerical Derivative Perturbation Delta	0.001
Iterations	6
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	23.81545	14.07847	1.69	0.0907	0
MA1,1	-0.35866	12.92287	-0.03	0.9779	1
MA1,2	0.64125	8.11936	0.08	0.9371	2
AR1,1	0.37784	1.75518	0.22	0.8296	1
AR1,2	0.20814	0.42416	0.49	0.6236	2

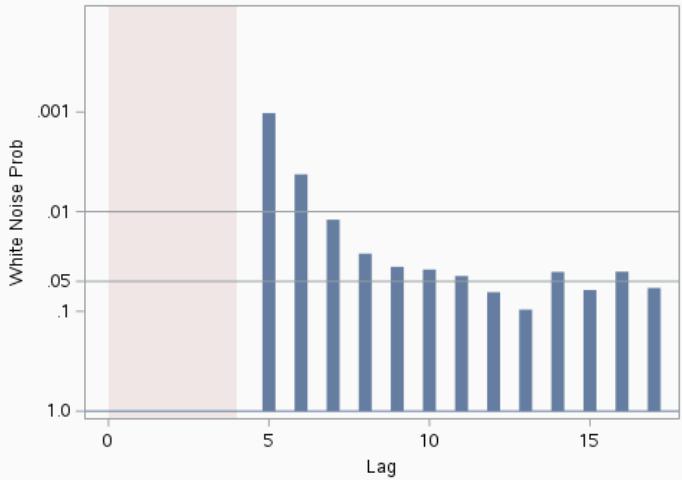
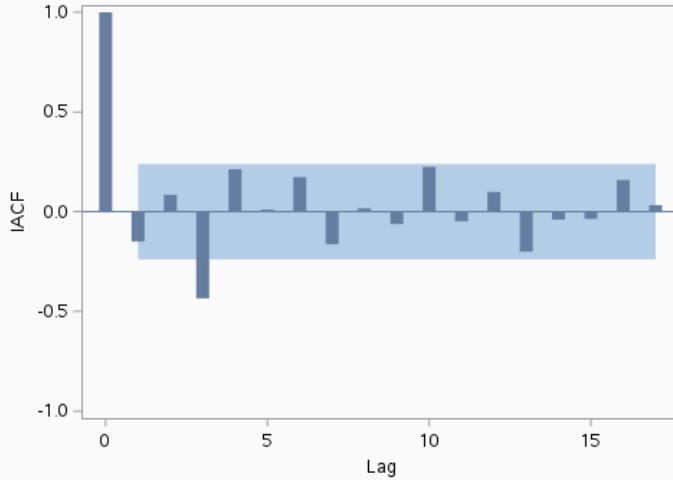
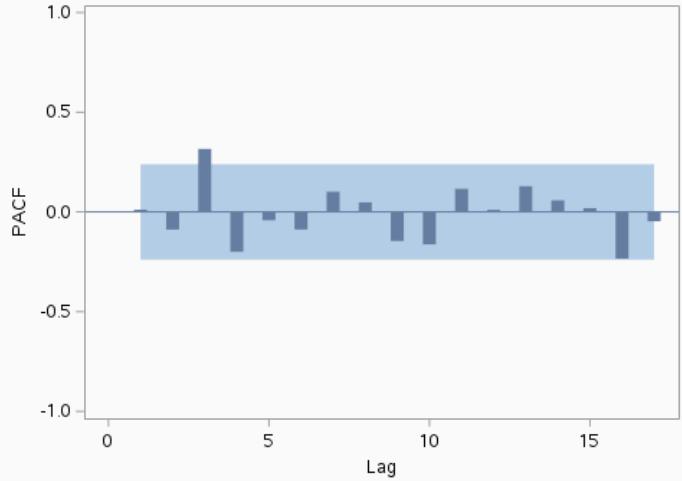
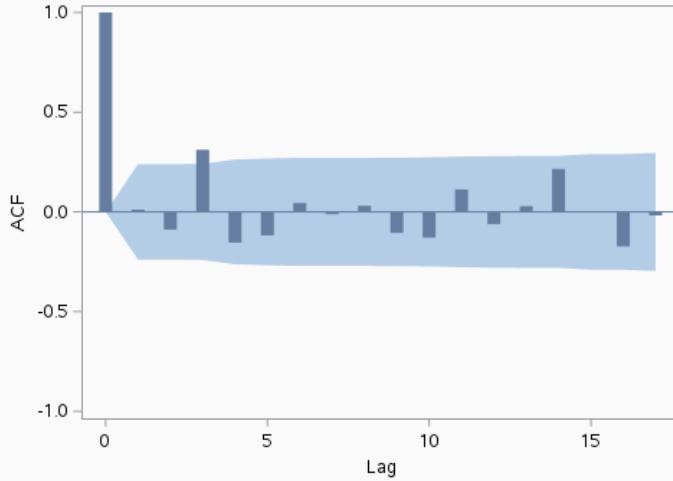
Constant Estimate	9.860072
Variance Estimate	4907.675
Std Error Estimate	70.0548
AIC	802.0378
SBC	813.2803
Number of Residuals	70

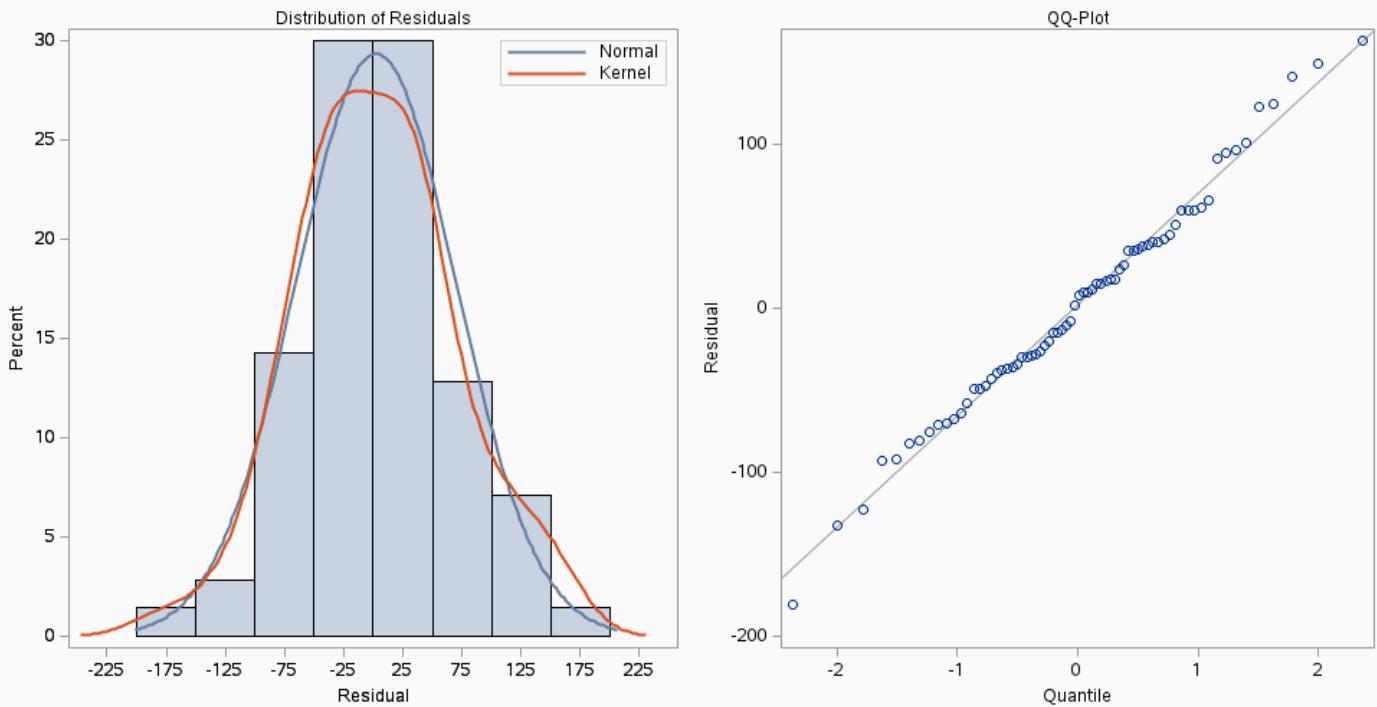
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	0.018	0.014	0.090	0.096
MA1,1	0.018	1.000	-0.939	0.267	0.085
MA1,2	0.014	-0.939	1.000	0.080	0.247

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	0.090	0.267	0.080	1.000	0.927
AR1,2	0.096	0.085	0.247	0.927	1.000

Autocorrelation Check of Residuals								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	10.92	2	0.0042	0.012	-0.088	0.311	-0.154	-0.118
12	14.74	8	0.0645	-0.012	0.030	-0.105	-0.129	0.113
18	29.25	14	0.0097	0.029	0.215	-0.000	-0.173	-0.017
24	36.51	20	0.0134	-0.224	0.002	-0.135	-0.012	-0.054

Residual Correlation Diagnostics for Close(2)



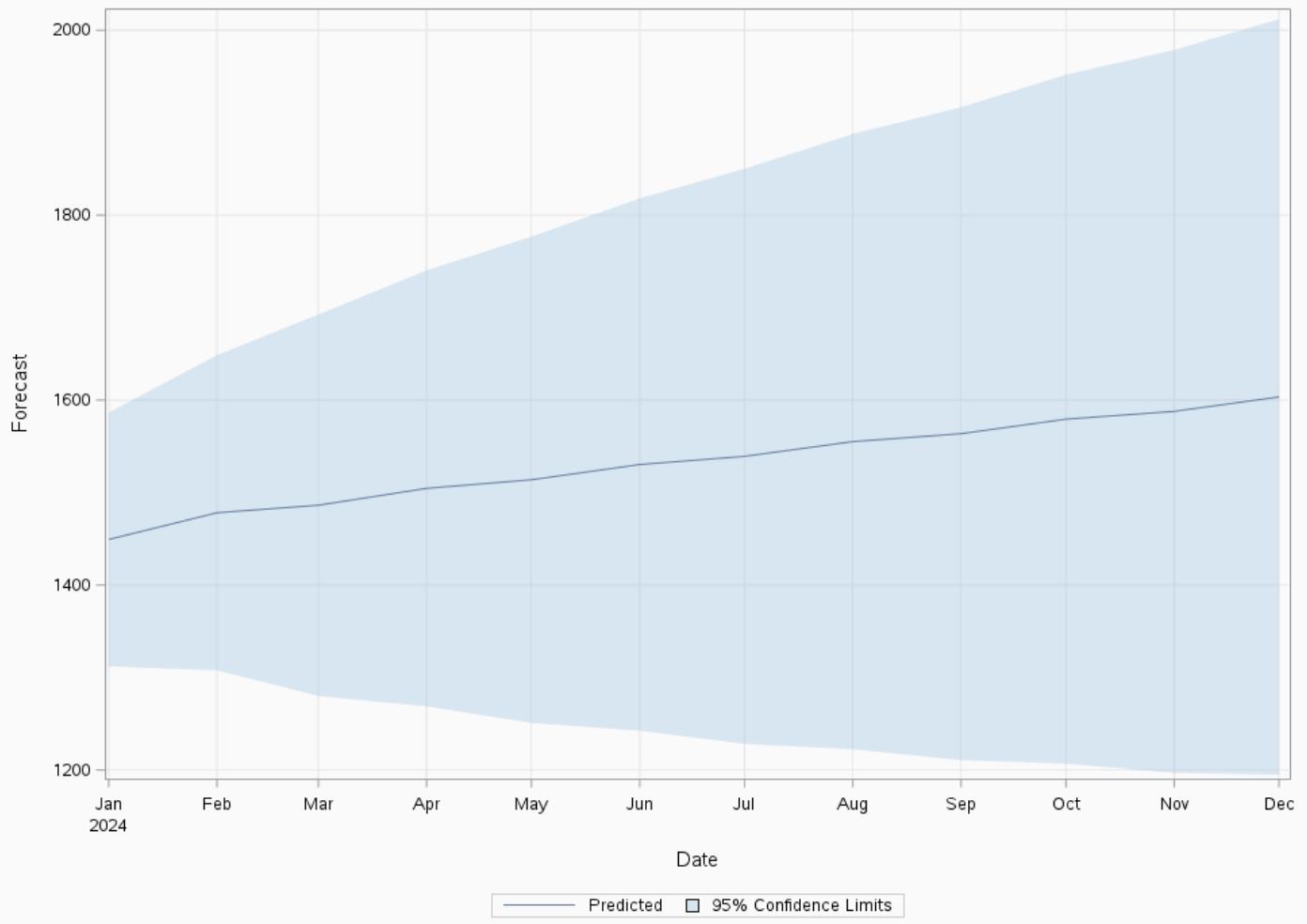
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	23.81545
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 - 0.37784 B^{**}(1) - 0.20814 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 0.35866 B^{**}(1) - 0.64125 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	1449.3633	70.0548	1312.0584	1586.6682
74	1478.2426	87.0044	1307.7172	1648.7680
75	1486.3864	105.2395	1280.1208	1692.6521
76	1504.6190	120.2779	1268.8787	1740.3593
77	1513.9185	134.1723	1250.9457	1776.8914
78	1530.3718	146.8600	1242.5316	1818.2120
79	1539.2395	158.6703	1228.2516	1850.2275
80	1555.1593	169.7246	1222.5052	1887.8135
81	1563.7357	180.1517	1210.6447	1916.8266
82	1579.4343	190.0354	1206.9718	1951.8968
83	1587.8664	199.4512	1196.9492	1978.7836
84	1603.4645	208.4533	1194.9035	2012.0255

Forecasts for Close**Historical Closing Price Of The Stock**

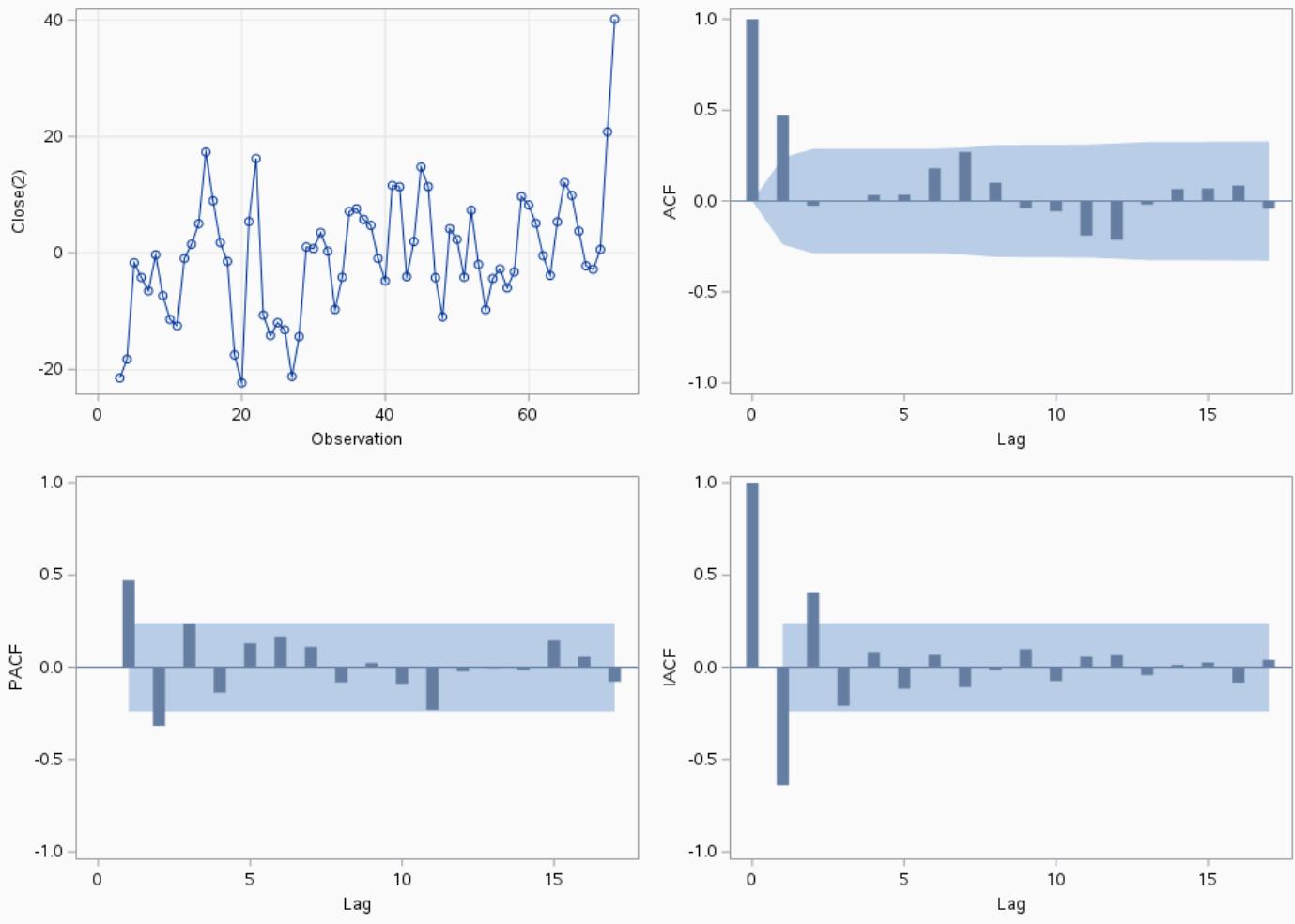
The ARIMA Procedure

Name=INDIAN

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	-0.34333
Standard Deviation	10.61305
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
				1	2	3	4	5	6
6	18.96	6	0.0042	0.471	-0.026	0.000	0.033	0.034	0.180
12	32.99	12	0.0010	0.269	0.100	-0.039	-0.057	-0.190	-0.213

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	2.33E-14
Maximum Absolute Value of Gradient	0.921355
R-Square Change from Last Iteration	0.003926
Objective Function	Log Gaussian Likelihood
Objective Function Value	-237.982
Marquardt's Lambda Coefficient	1E12
Numerical Derivative Perturbation Delta	0.001
Iterations	22
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	-0.12669	1.97146	-0.06	0.9488	0
MA1,1	-1.16885	0.98377	-1.19	0.2348	1
MA1,2	-0.26575	0.87330	-0.30	0.7609	2
AR1,1	-0.02331	0.98344	-0.02	0.9811	1
AR1,2	-0.05232	0.30817	-0.17	0.8652	2

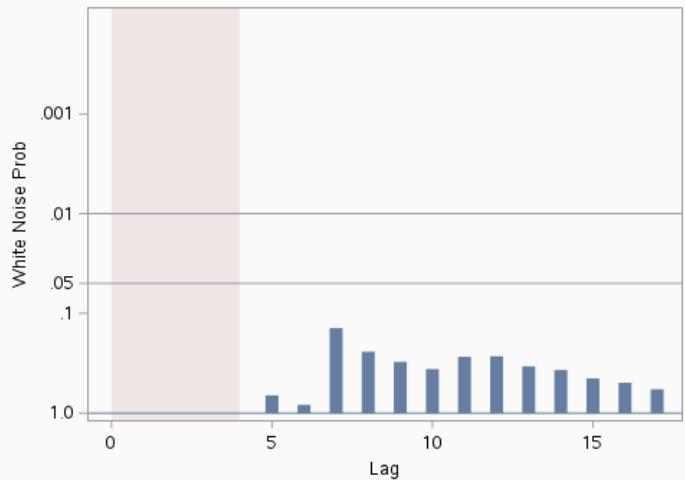
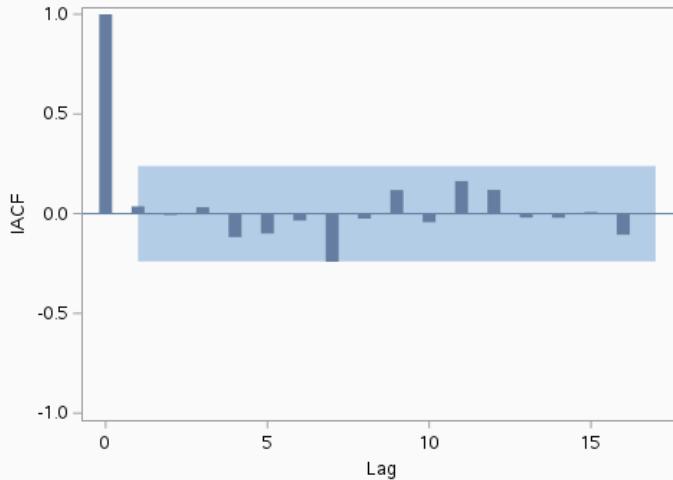
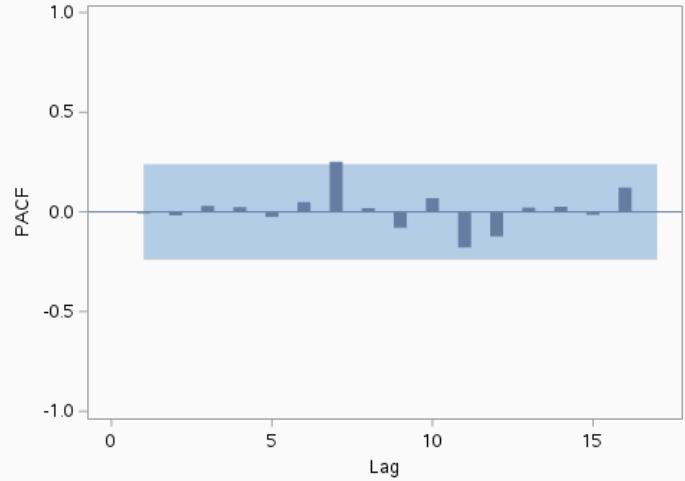
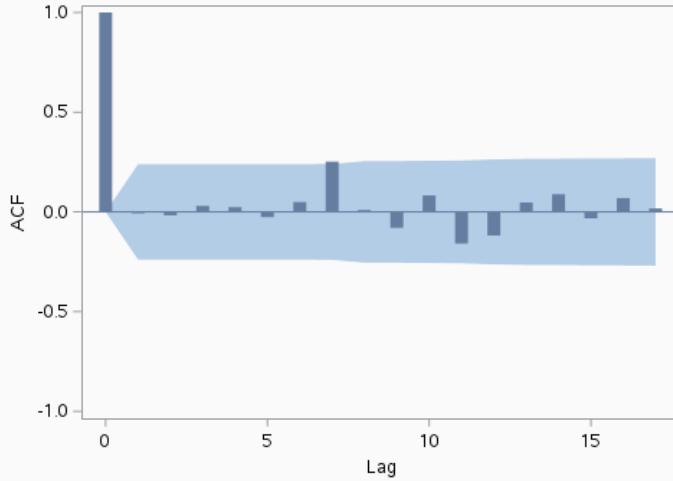
Constant Estimate	-0.13627
Variance Estimate	54.91018
Std Error Estimate	7.410141
AIC	485.9634
SBC	497.2059
Number of Residuals	70

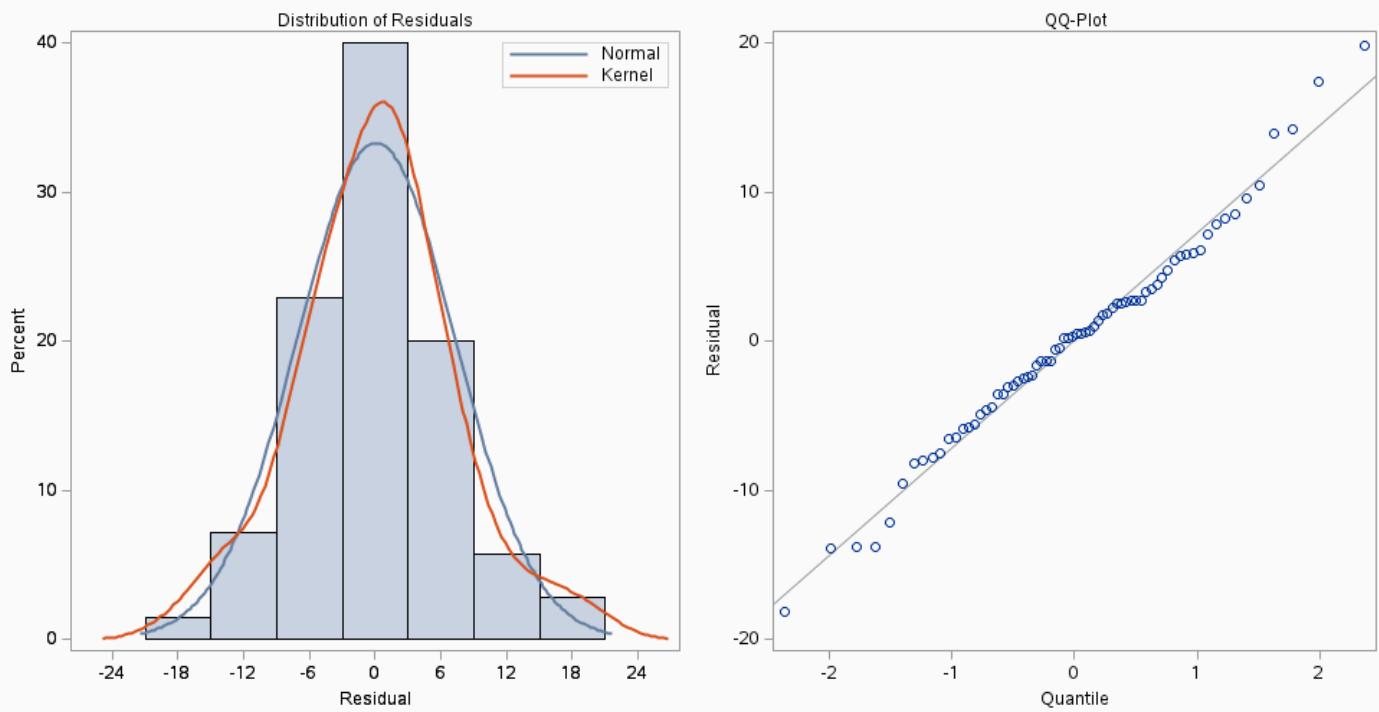
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	-0.066	-0.065	-0.060	0.098
MA1,1	-0.066	1.000	0.998	0.991	-0.882
MA1,2	-0.065	0.998	1.000	0.990	-0.870

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	-0.060	0.991	0.990	1.000	-0.867
AR1,2	0.098	-0.882	-0.870	-0.867	1.000

Autocorrelation Check of Residuals								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	0.38	2	0.8267	-0.007	-0.017	0.030	0.023	-0.026 0.050
12	9.93	8	0.2696	0.252	0.009	-0.080	0.082	-0.159 -0.119
18	15.38	14	0.3528	0.047	0.088	-0.033	0.069	0.017 -0.203
24	24.94	20	0.2036	-0.048	0.223	0.007	-0.075	0.168 0.080

Residual Correlation Diagnostics for Close(2)



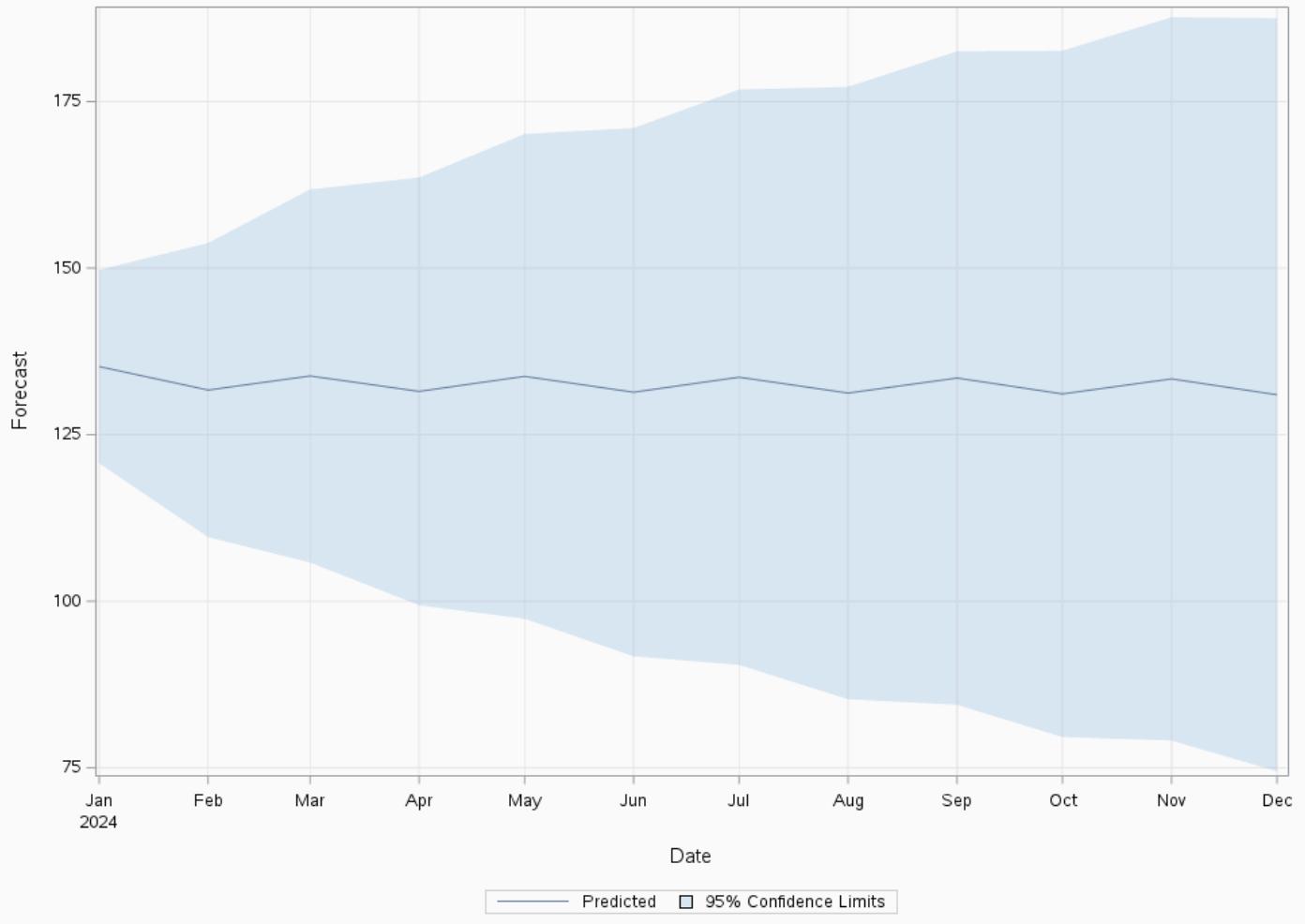
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	-0.12669
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 + 0.02331 B^{**}(1) + 0.05232 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 1.16885 B^{**}(1) + 0.26575 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	135.2158	7.4101	120.6922	149.7395
74	131.6928	11.2680	109.6080	153.7777
75	133.8088	14.2933	105.7945	161.8232
76	131.4929	16.3858	99.3774	163.6085
77	133.7508	18.5675	97.3592	170.1424
78	131.3685	20.2329	91.7127	171.0242
79	133.6205	22.0380	90.4268	176.8141
80	131.2418	23.4578	85.2653	177.2182
81	133.4940	25.0314	84.4334	182.5545
82	131.1151	26.2900	79.5875	182.6426
83	133.3673	27.7032	79.0700	187.6645
84	130.9884	28.8455	74.4522	187.5245

Forecasts for Close**Historical Closing Price Of The Stock**

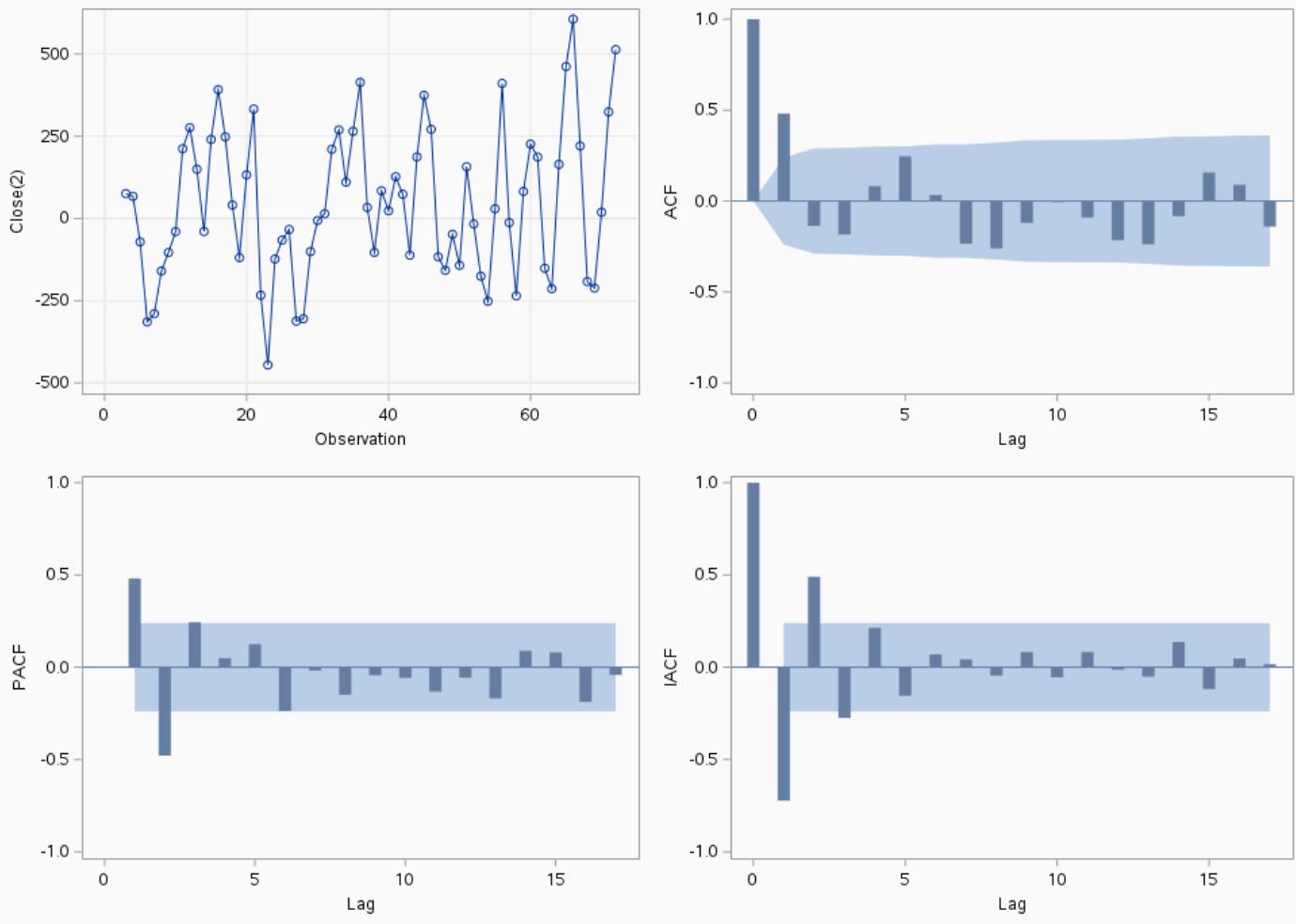
The ARIMA Procedure

Name=INDIGO

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	44.59715
Standard Deviation	222.9162
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
				-0.137	-0.184	0.082	0.246	0.033	
6	26.11	6	0.0002	0.481	-0.137	-0.184	0.082	0.246	0.033
12	41.89	12	<.0001	-0.234	-0.260	-0.120	-0.006	-0.090	-0.215

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	78.15176
Maximum Absolute Value of Gradient	137461
R-Square Change from Last Iteration	0.111048
Objective Function	Log Gaussian Likelihood
Objective Function Value	-453.786
Marquardt's Lambda Coefficient	0.00001
Numerical Derivative Perturbation Delta	0.001
Iterations	12
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	38.29905	19.42035	1.97	0.0486	0
MA1,1	0.15302	28.41664	0.01	0.9957	1
MA1,2	0.84669	24.07038	0.04	0.9719	2
AR1,1	1.07280	0.18017	5.95	<.0001	1
AR1,2	-0.19263	0.14254	-1.35	0.1766	2

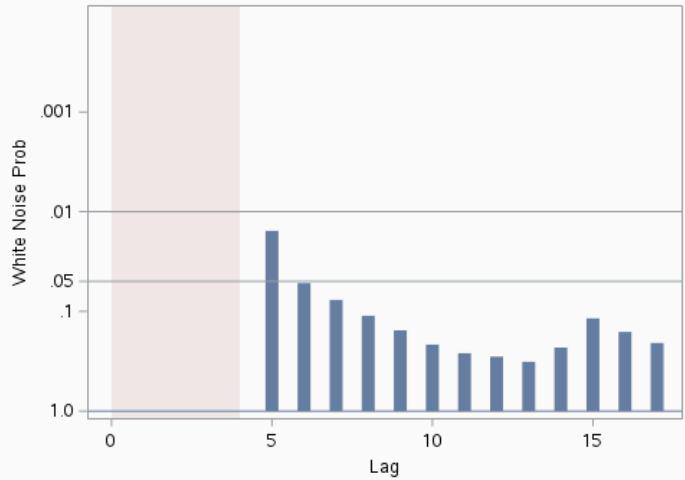
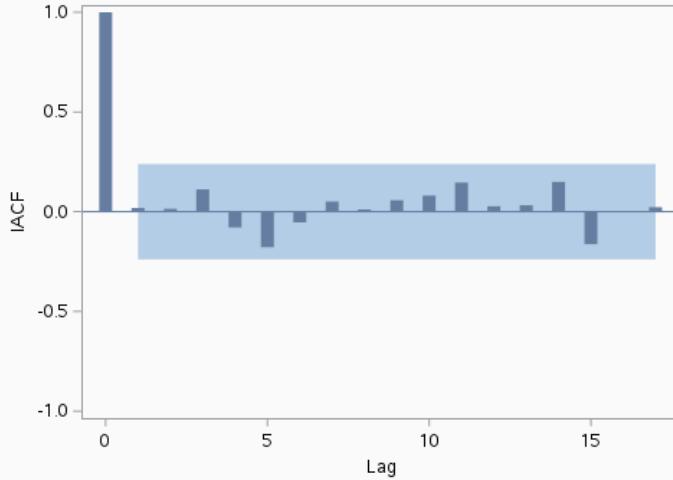
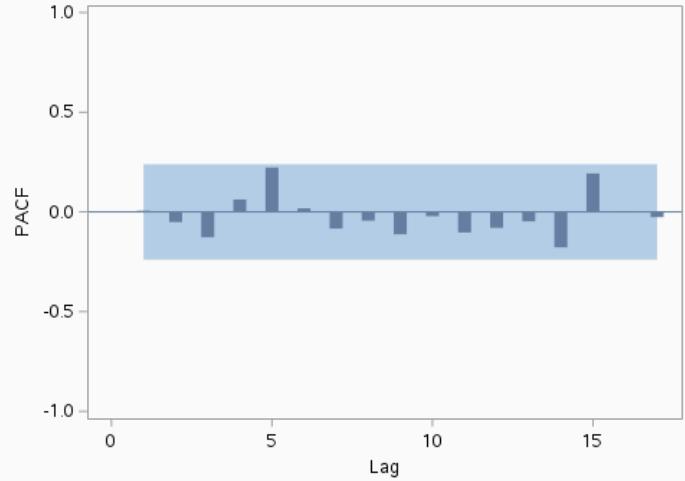
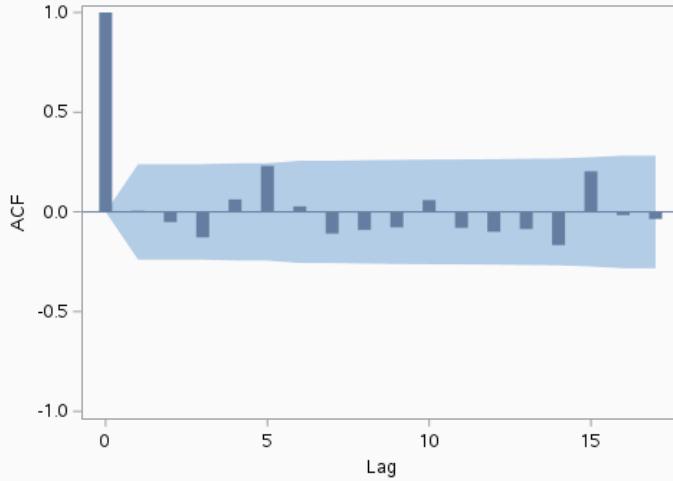
Constant Estimate	4.589419
Variance Estimate	25678.22
Std Error Estimate	160.2443
AIC	917.5712
SBC	928.8137
Number of Residuals	70

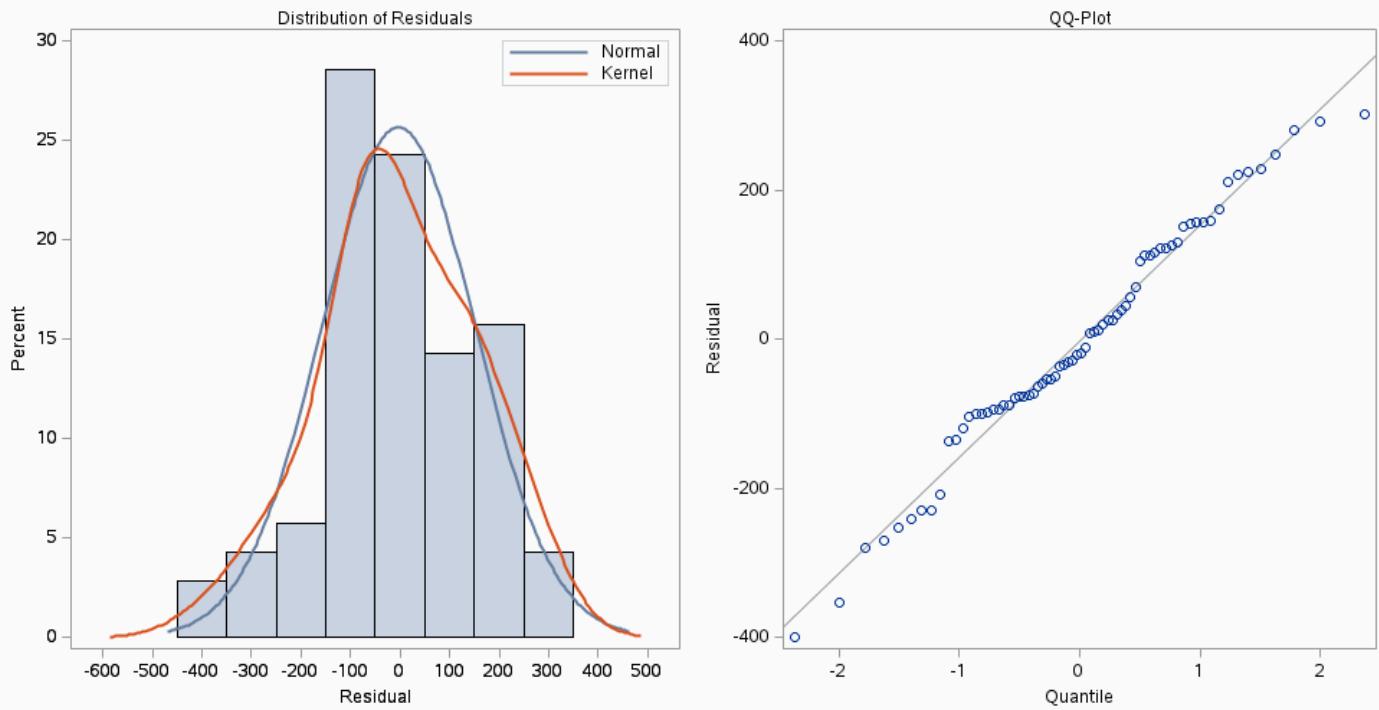
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	-0.822	-0.822	-0.537	0.048
MA1,1	-0.822	1.000	1.000	0.651	-0.014
MA1,2	-0.822	1.000	1.000	0.649	-0.011

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	-0.537	0.651	0.649	1.000	-0.646
AR1,2	0.048	-0.014	-0.011	-0.646	1.000

Autocorrelation Check of Residuals								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	5.90	2	0.0524	0.007	-0.049	-0.126	0.064	0.231
12	9.65	8	0.2902	-0.108	-0.090	-0.076	0.061	-0.078
18	18.98	14	0.1657	-0.084	-0.164	0.206	-0.014	-0.034
24	28.39	20	0.1005	-0.016	0.205	0.167	-0.144	0.028

Residual Correlation Diagnostics for Close(2)



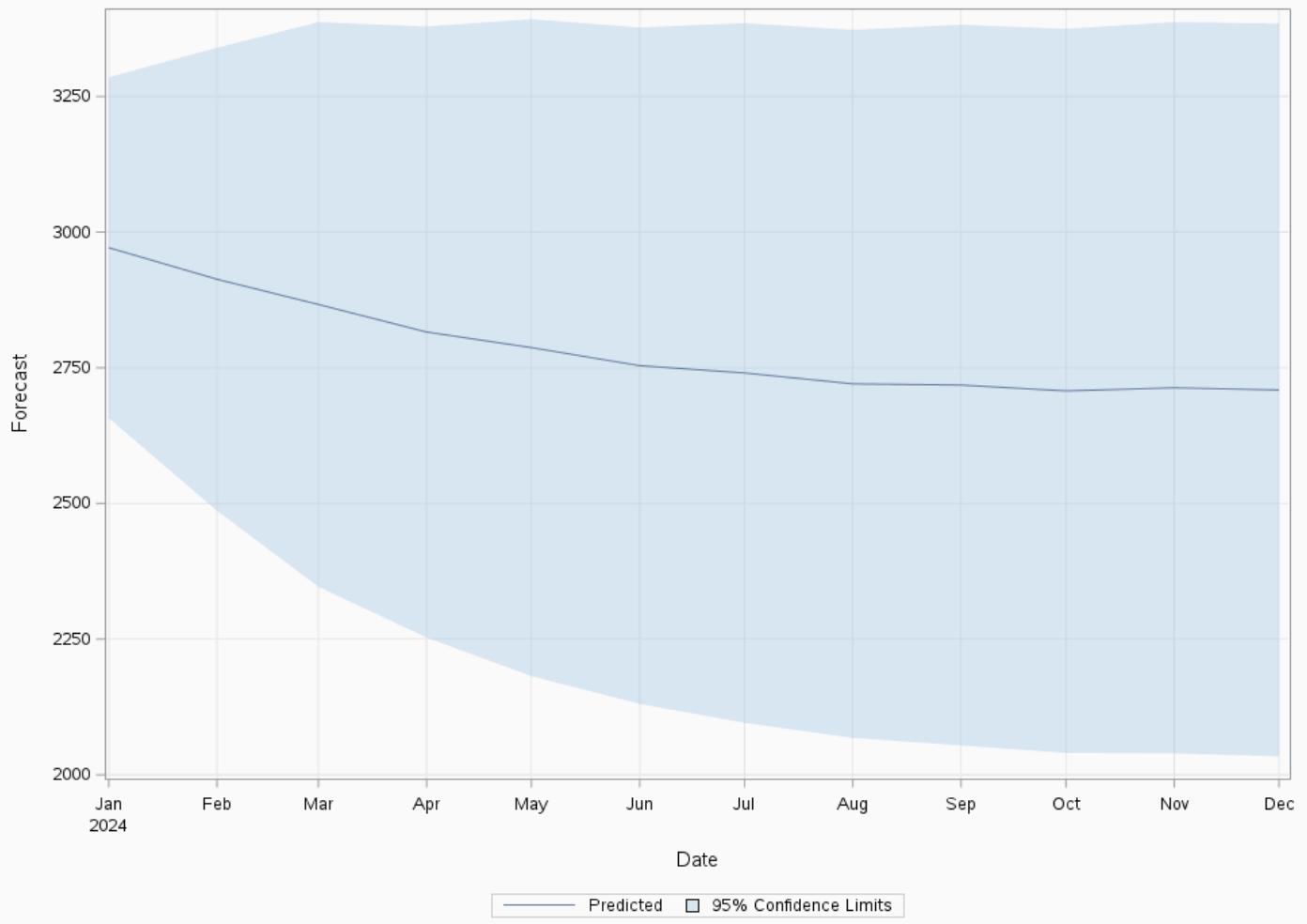
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	38.29905
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 - 1.0728 B^{**}(1) + 0.19263 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 - 0.15302 B^{**}(1) - 0.84669 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	2971.2724	160.2443	2657.1994	3285.3454
74	2913.0556	217.7194	2486.3335	3339.7777
75	2866.6578	265.4247	2346.4350	3386.8807
76	2815.8251	287.2991	2252.7292	3378.9211
77	2787.0905	308.8268	2181.8011	3392.3798
78	2753.7843	317.9999	2130.5160	3377.0526
79	2740.4496	328.9310	2095.7567	3385.1426
80	2720.2884	332.8746	2067.8661	3372.7107
81	2718.0892	338.8163	2054.0214	3382.1569
82	2707.3419	340.4597	2040.0532	3374.6306
83	2713.0969	343.8604	2039.1429	3387.0508
84	2709.0695	344.4886	2033.8842	3384.2547

Forecasts for Close**Historical Closing Price Of The Stock**

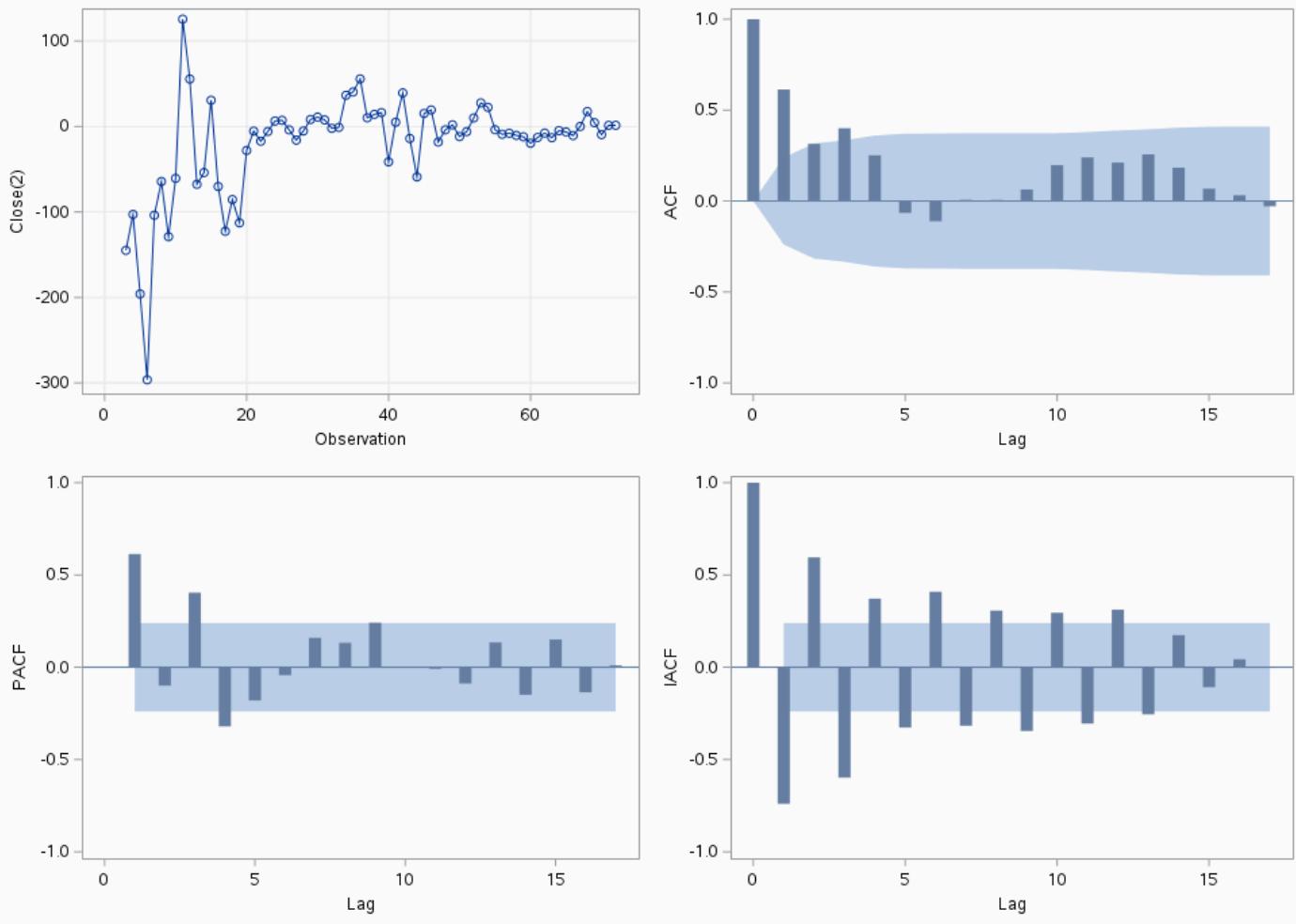
The ARIMA Procedure

Name=JETAIR

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	-19.7857
Standard Deviation	60.06089
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
				1	2	3	4	5	6
6	53.02	6	<.0001	0.614	0.314	0.400	0.252	-0.065	-0.111
12	65.40	12	<.0001	0.007	0.006	0.063	0.197	0.240	0.211

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	3.090123
Maximum Absolute Value of Gradient	9540.199
R-Square Change from Last Iteration	0.098596
Objective Function	Log Gaussian Likelihood
Objective Function Value	-360.857
Marquardt's Lambda Coefficient	0.00001
Numerical Derivative Perturbation Delta	0.001
Iterations	6
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	-31.81445	22.27618	-1.43	0.1532	0
MA1,1	-0.52641	8.07740	-0.07	0.9480	1
MA1,2	0.47356	3.79955	0.12	0.9008	2
AR1,1	0.34840	0.21694	1.61	0.1083	1
AR1,2	0.43426	0.13325	3.26	0.0011	2

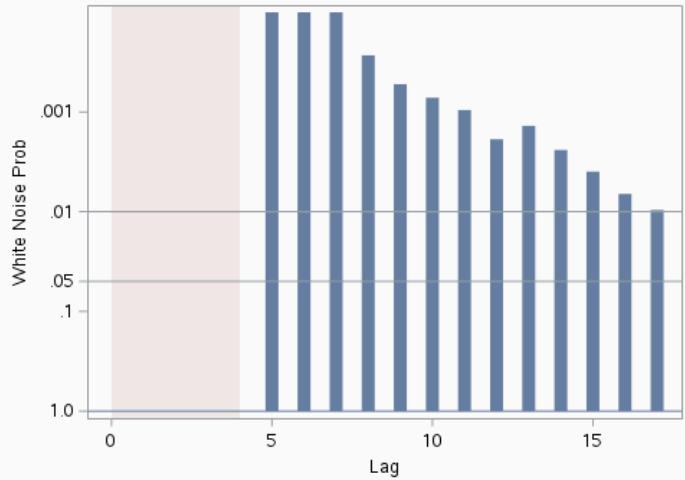
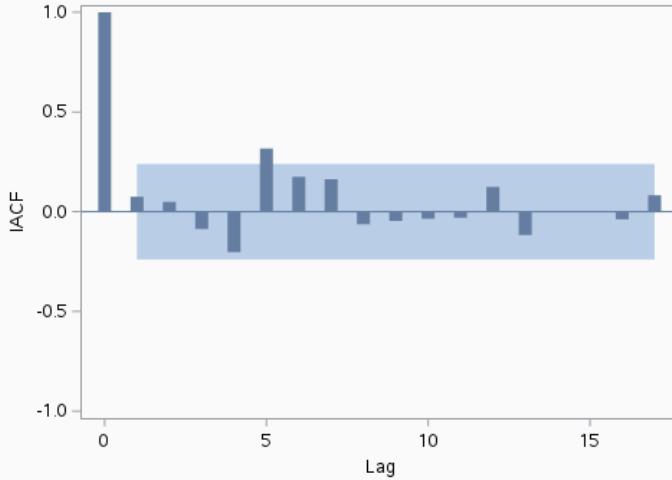
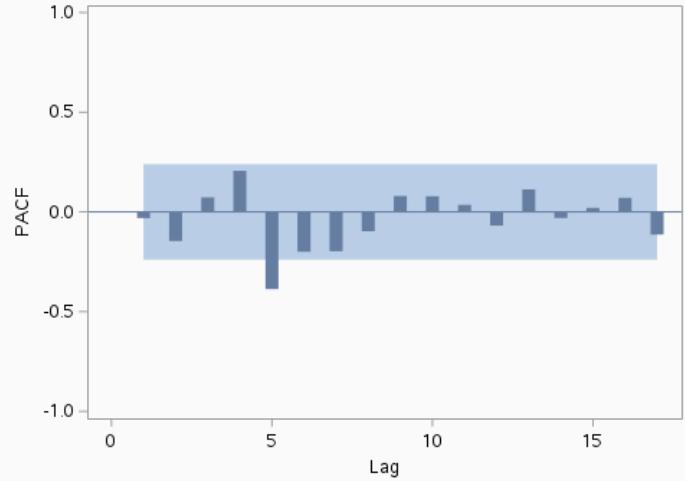
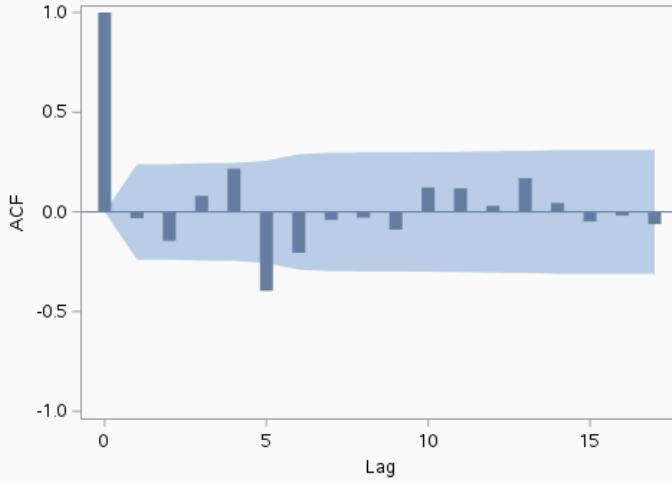
Constant Estimate	-6.91432
Variance Estimate	1792.053
Std Error Estimate	42.33264
AIC	731.7132
SBC	742.9556
Number of Residuals	70

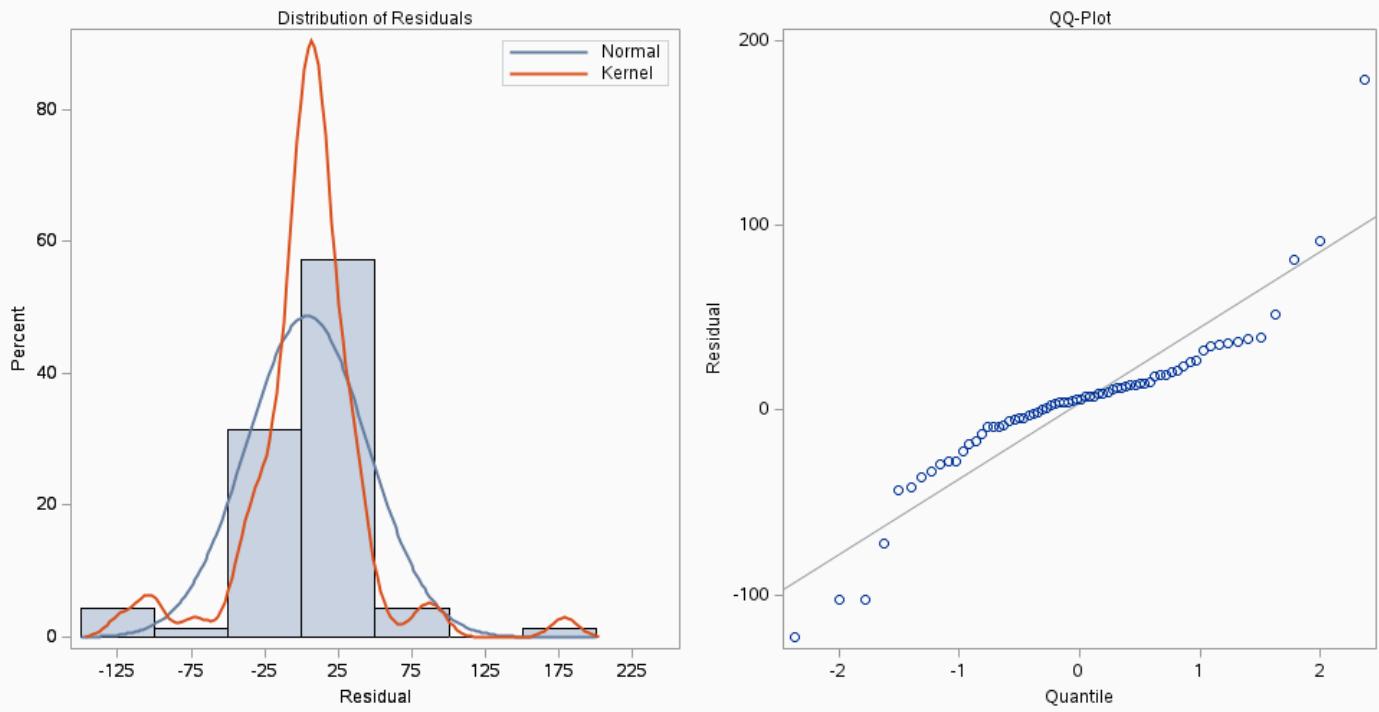
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	0.011	-0.010	0.004	-0.025
MA1,1	0.011	1.000	-0.997	0.295	-0.324
MA1,2	-0.010	-0.997	1.000	-0.229	0.298

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	0.004	0.295	-0.229	1.000	-0.666
AR1,2	-0.025	-0.324	0.298	-0.666	1.000

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
				6	12	18	24	
6	20.07	2	<.0001	-0.020	-0.133	0.093	0.233	-0.378 -0.190
12	23.57	8	0.0027	-0.026	-0.015	-0.081	0.129	0.126 0.040
18	26.96	14	0.0195	0.175	0.055	-0.035	-0.005	-0.047 -0.026
24	27.84	20	0.1133	-0.006	-0.034	0.051	-0.025	0.061 0.017

Residual Correlation Diagnostics for Close(2)



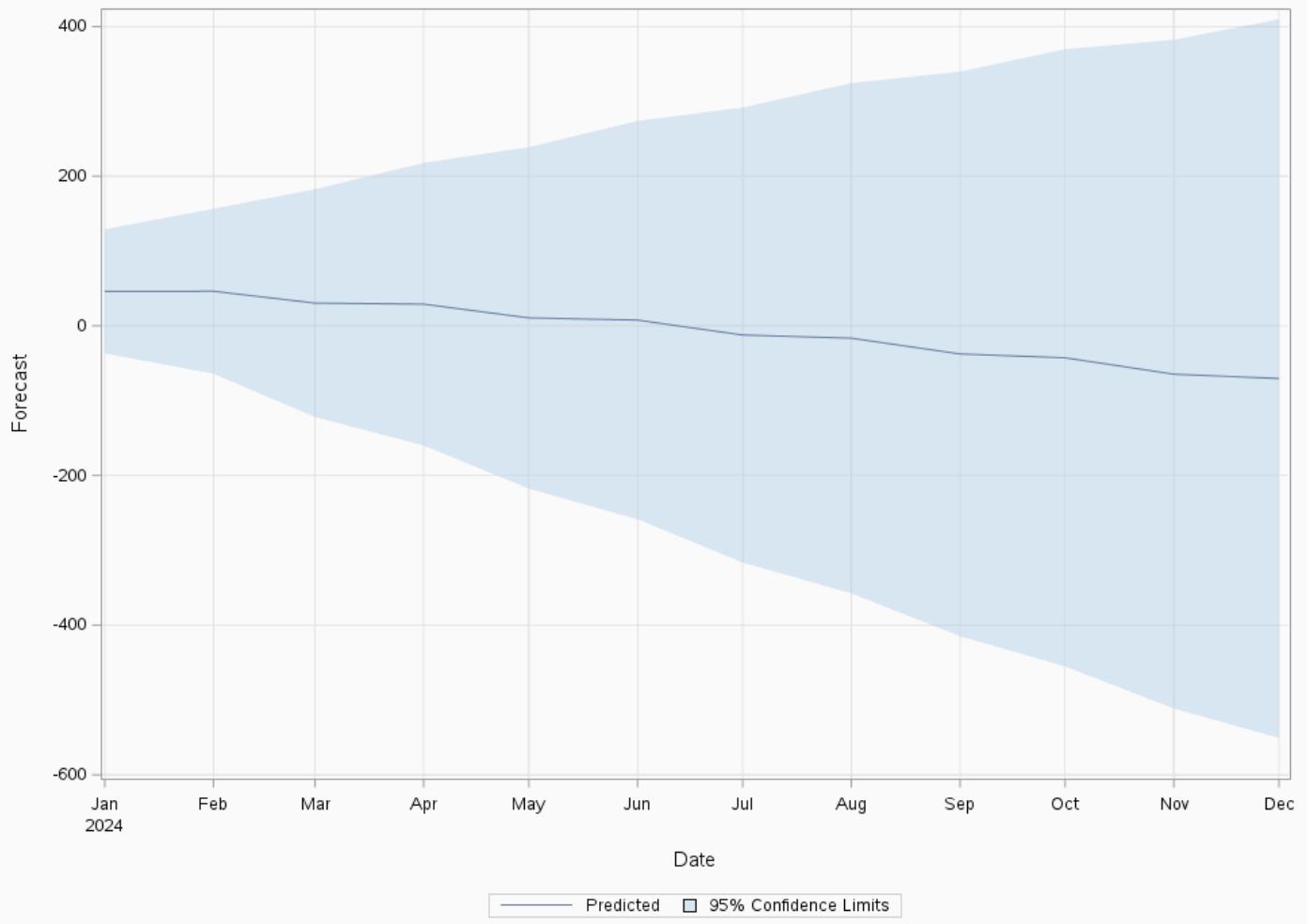
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	-31.8144
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 - 0.3484 B^{**}(1) - 0.43426 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 0.52641 B^{**}(1) - 0.47356 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	46.0554	42.3326	-36.9150	129.0259
74	46.2585	56.2451	-63.9799	156.4969
75	30.3717	77.6753	-121.8690	182.6124
76	28.9547	96.3639	-159.9150	217.8245
77	10.6178	116.4721	-217.6633	238.8990
78	7.6437	135.8082	-258.5355	273.8229
79	-12.2997	155.1554	-316.3988	291.7993
80	-16.5098	173.9988	-357.5413	324.5216
81	-37.5815	192.4837	-414.8426	339.6797
82	-42.7214	210.4812	-455.2570	369.8143
83	-64.6069	228.0207	-511.5193	382.3055
84	-70.4342	245.0741	-550.7706	409.9022

Forecasts for Close**Historical Closing Price Of The Stock**

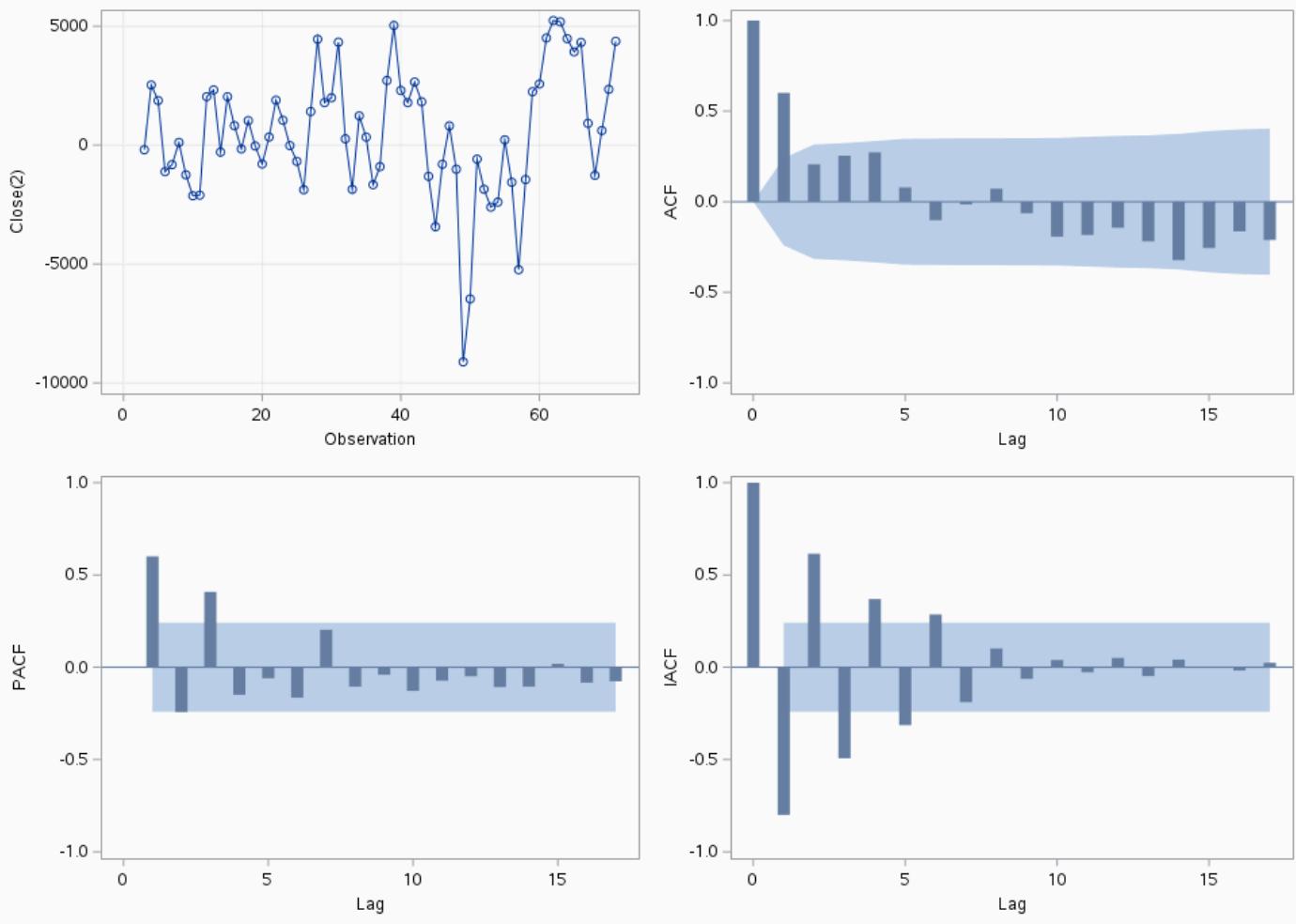
The ARIMA Procedure

Name=META

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	502.6925
Standard Deviation	2676.855
Number of Observations	69
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
				0.601	0.206	0.253	0.272	0.079
6	40.72	6	<.0001					-0.102
12	49.15	12	<.0001	-0.015	0.072	-0.063	-0.192	-0.183

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	1.11E-14
Maximum Absolute Value of Gradient	49922.63
R-Square Change from Last Iteration	0.003644
Objective Function	Log Gaussian Likelihood
Objective Function Value	-613.507
Marquardt's Lambda Coefficient	1E12
Numerical Derivative Perturbation Delta	0.001
Iterations	24
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	563.96819	657.01064	0.86	0.3907	0
MA1,1	-0.31765	0.70577	-0.45	0.6527	1
MA1,2	0.57878	0.63721	0.91	0.3637	2
AR1,1	0.80096	0.72000	1.11	0.2659	1
AR1,2	-0.03555	0.25453	-0.14	0.8889	2

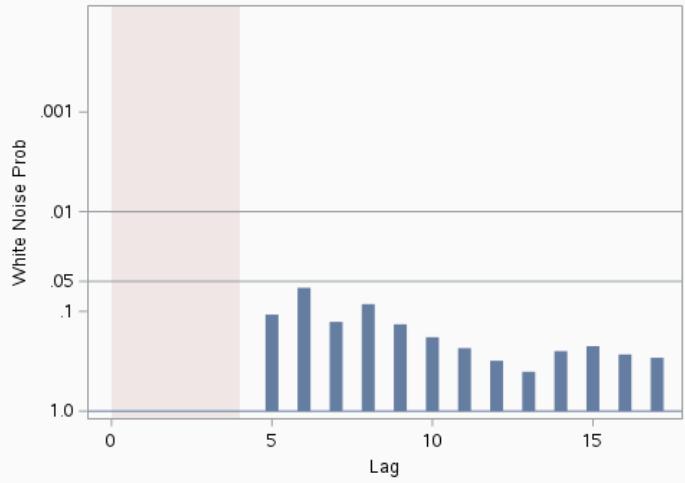
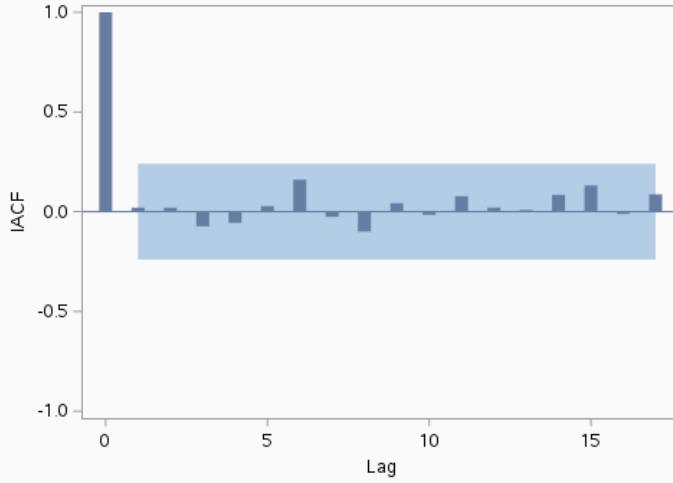
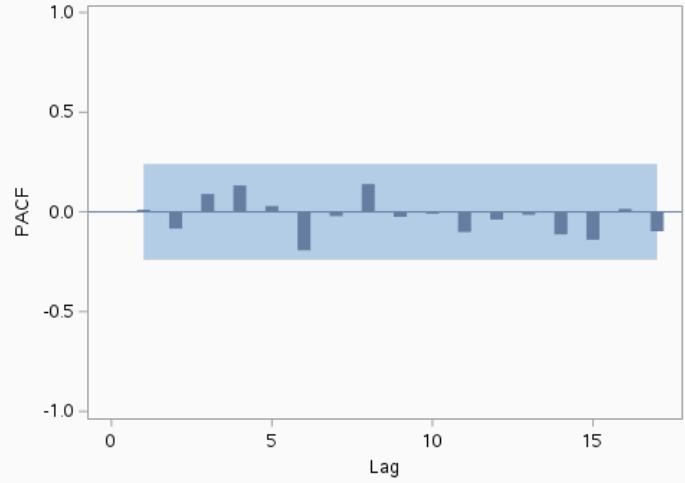
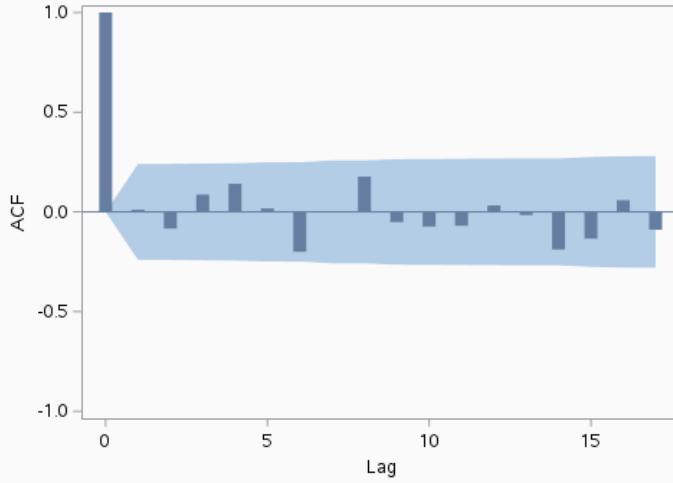
Constant Estimate	132.3027
Variance Estimate	3221067
Std Error Estimate	1794.733
AIC	1237.015
SBC	1248.185
Number of Residuals	69

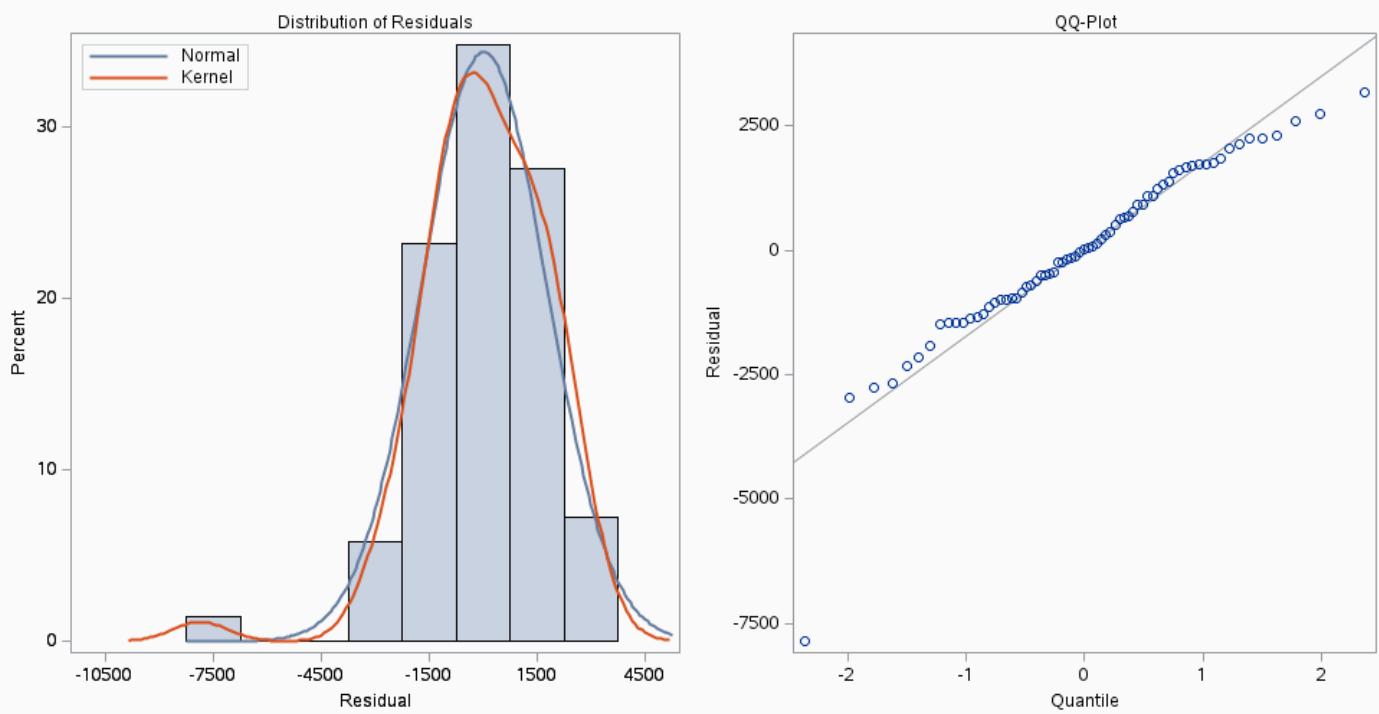
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	0.114	0.114	0.114	-0.075
MA1,1	0.114	1.000	0.991	0.985	-0.861
MA1,2	0.114	0.991	1.000	0.977	-0.837

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	0.114	0.985	0.977	1.000	-0.913
AR1,2	-0.075	-0.861	-0.837	-0.913	1.000

Autocorrelation Check of Residuals								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	5.69	2	0.0580	0.011	-0.084	0.087	0.140	0.017
12	9.37	8	0.3124	-0.002	0.177	-0.051	-0.074	-0.070
18	17.02	14	0.2554	-0.016	-0.189	-0.135	0.058	-0.090
24	23.97	20	0.2437	0.014	0.029	-0.104	-0.167	0.105

Residual Correlation Diagnostics for Close(2)



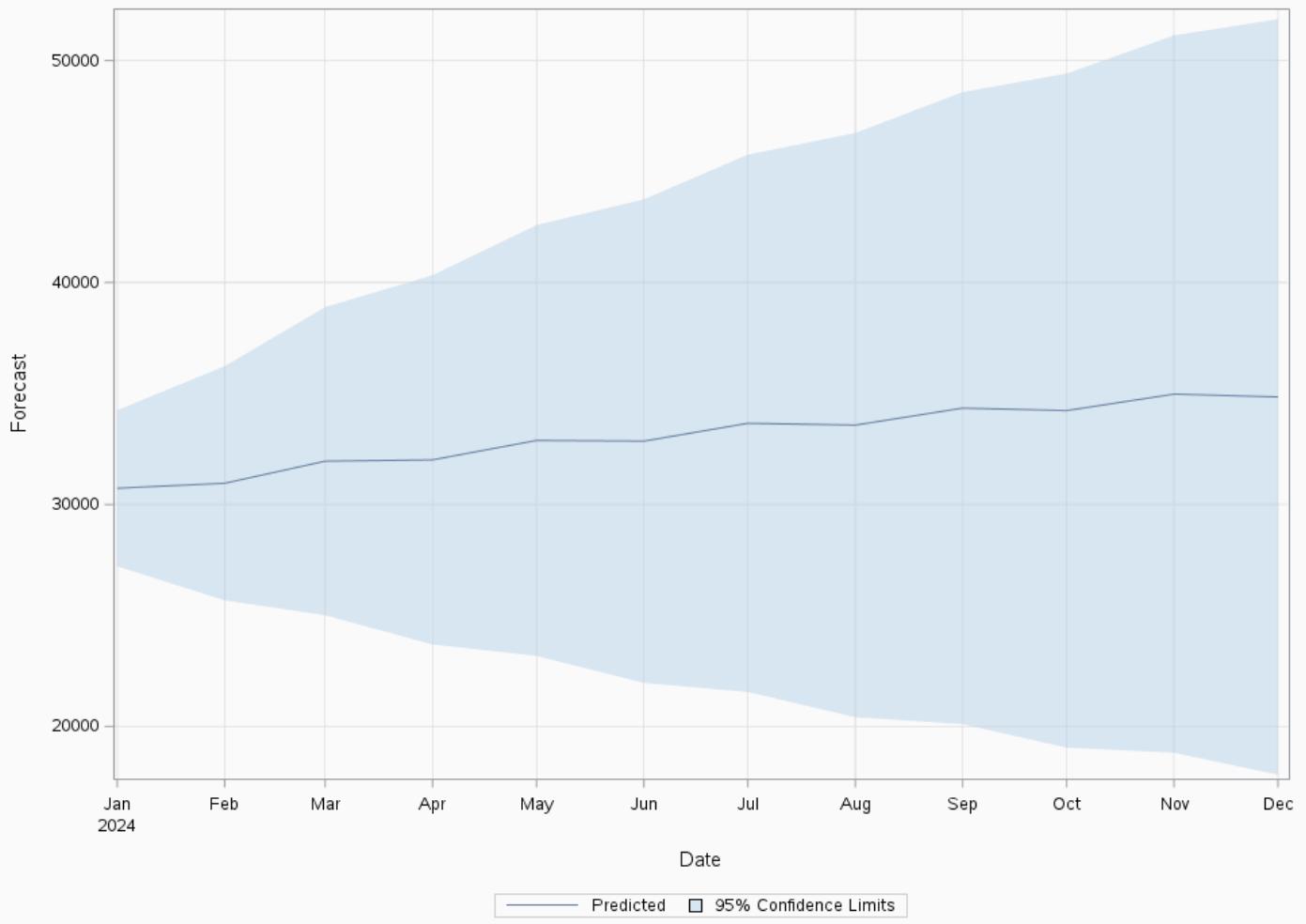
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	563.9682
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 - 0.80096 B^{**}(1) + 0.03555 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 0.31765 B^{**}(1) - 0.57878 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
72	30731.8136	1794.7331	27214.2015	34249.4258
73	30955.9580	2692.8719	25678.0260	36233.8900
74	31950.5241	3541.5237	25009.2651	38891.7831
75	32010.7145	4245.3558	23689.9701	40331.4590
76	32884.3168	4951.9713	23178.6315	42590.0022
77	32853.4490	5560.2766	21955.5071	43751.3908
78	33658.4177	6177.1332	21551.4591	45765.3762
79	33575.8143	6715.8277	20413.0339	46738.5948
80	34341.7851	7265.1016	20102.4476	48581.1225
81	34229.7852	7749.2013	19041.6297	49417.9407
82	34973.5969	8245.2845	18813.1363	51134.0575
83	34844.8937	8685.6185	17821.3943	51868.3931

Forecasts for Close**Historical Closing Price Of The Stock**

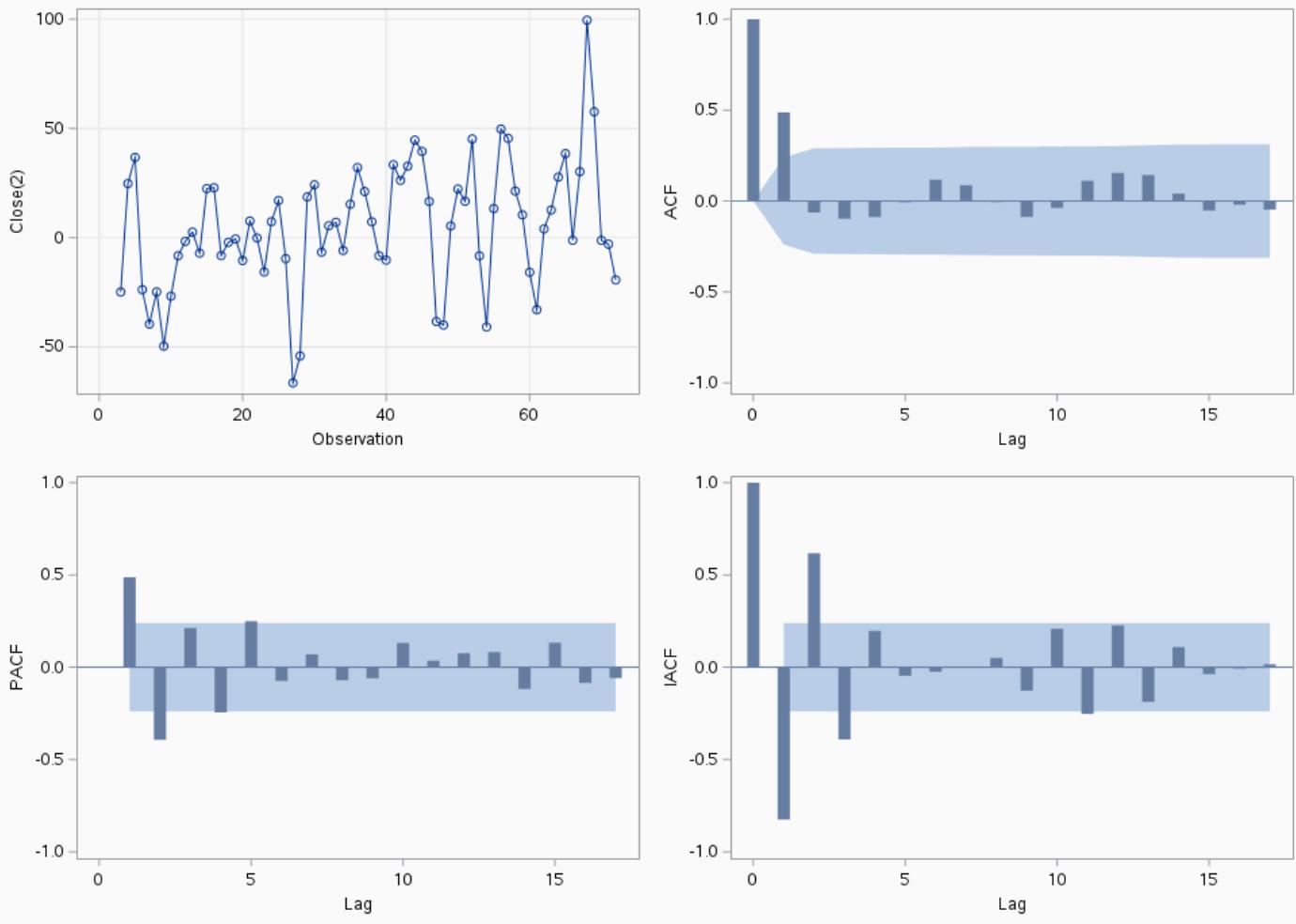
The ARIMA Procedure

Name=MHRIL

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	5.114286
Standard Deviation	28.55091
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations						
				-0.028	0.487	-0.063	-0.097	-0.088	-0.006	0.117
6	20.00	6	0.0028							
12	24.50	12	0.0174	0.087	-0.005	-0.087	-0.038	0.111	0.155	

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	2.605878
Maximum Absolute Value of Gradient	112.1201
R-Square Change from Last Iteration	0.029705
Objective Function	Log Gaussian Likelihood
Objective Function Value	-307.756
Marquardt's Lambda Coefficient	1E-7
Numerical Derivative Perturbation Delta	0.001
Iterations	10
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	4.61404	4.26012	1.08	0.2788	0
MA1,1	-0.59842	6.86401	-0.09	0.9305	1
MA1,2	0.40156	3.23779	0.12	0.9013	2
AR1,1	0.50979	0.86687	0.59	0.5565	1
AR1,2	-0.14940	0.13026	-1.15	0.2514	2

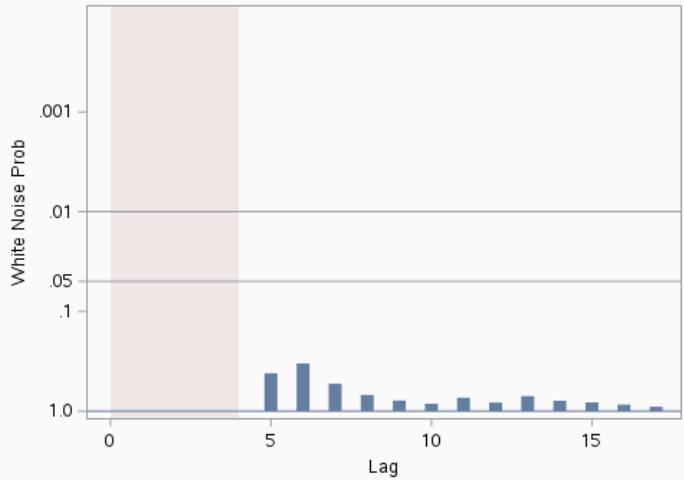
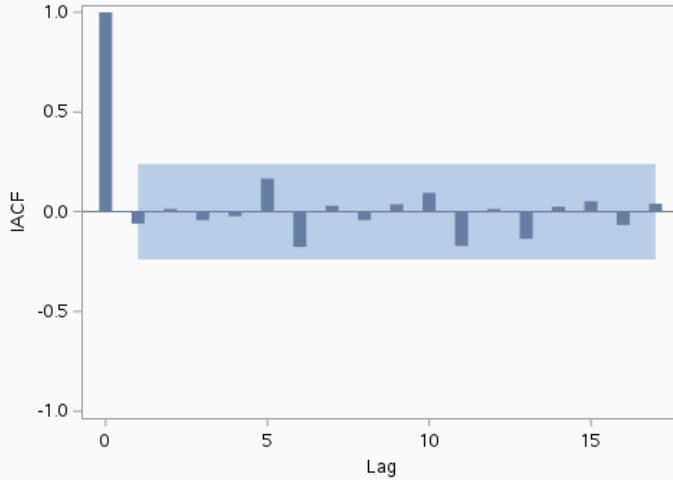
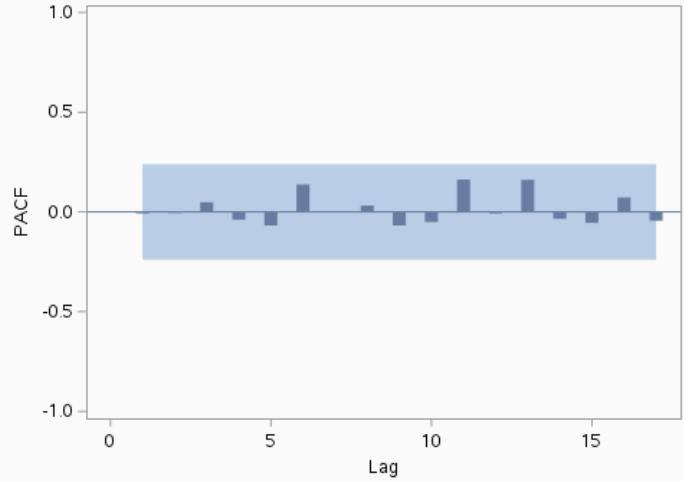
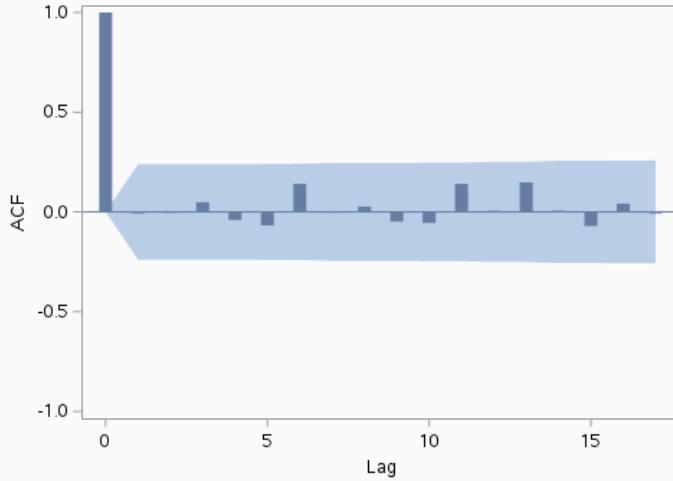
Constant Estimate	2.951182
Variance Estimate	388.7916
Std Error Estimate	19.7178
AIC	625.5119
SBC	636.7544
Number of Residuals	70

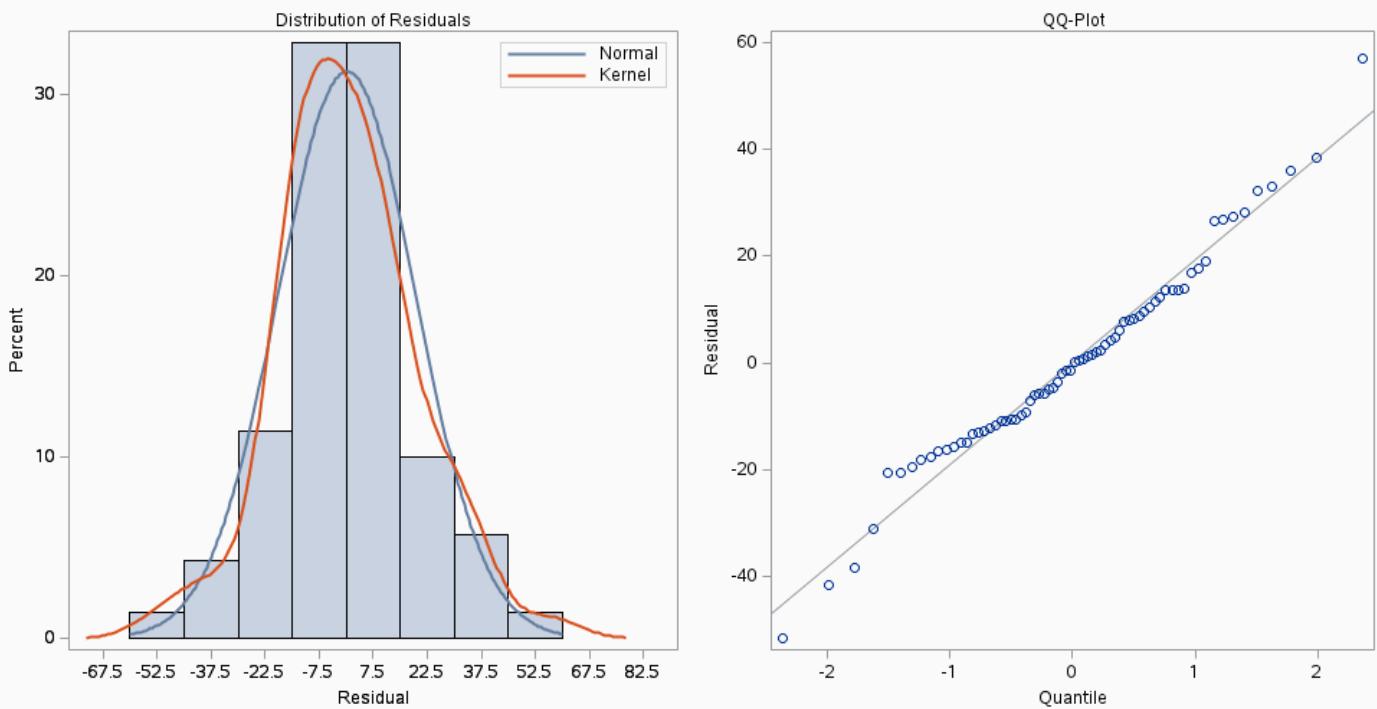
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	-0.017	0.011	-0.011	-0.007
MA1,1	-0.017	1.000	-0.927	-0.151	-0.226
MA1,2	0.011	-0.927	1.000	0.507	0.093

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	-0.011	-0.151	0.507	1.000	-0.329
AR1,2	-0.007	-0.226	0.093	-0.329	1.000

Autocorrelation Check of Residuals								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	2.19	2	0.3338	-0.007	-0.005	0.048	-0.040	-0.068
12	4.39	8	0.8206	-0.004	0.027	-0.048	-0.055	0.140
18	8.09	14	0.8846	0.148	0.007	-0.070	0.041	-0.007
24	11.14	20	0.9425	0.146	0.054	0.054	-0.031	0.016

Residual Correlation Diagnostics for Close(2)



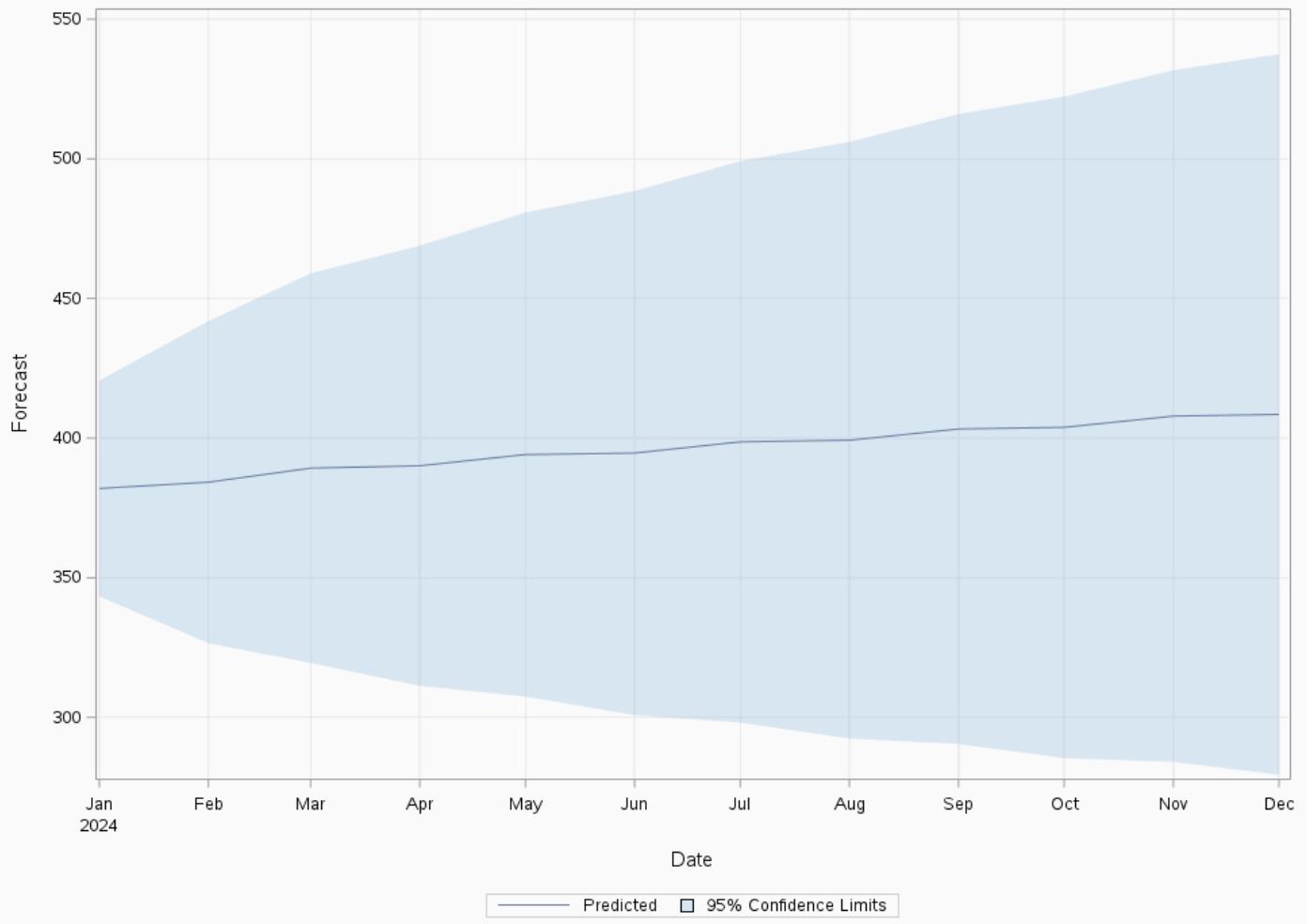
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	4.614041
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 - 0.50979 B^{**}(1) + 0.1494 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 0.59842 B^{**}(1) - 0.40156 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	381.9701	19.7178	343.3239	420.6163
74	384.2145	29.4327	326.5276	441.9015
75	389.2425	35.5814	319.5042	458.9807
76	390.0941	40.2089	311.2860	468.9021
77	394.1045	44.2023	307.4695	480.7395
78	394.6454	47.8642	300.8332	488.4576
79	398.6495	51.2854	298.1321	499.1670
80	399.2337	54.5015	292.4126	506.0547
81	403.2607	57.5403	290.4839	516.0376
82	403.8501	60.4259	285.4175	522.2828
83	407.8764	63.1796	284.0467	531.7062
84	408.4646	65.8179	279.4639	537.4654

Forecasts for Close**Historical Closing Price Of The Stock**

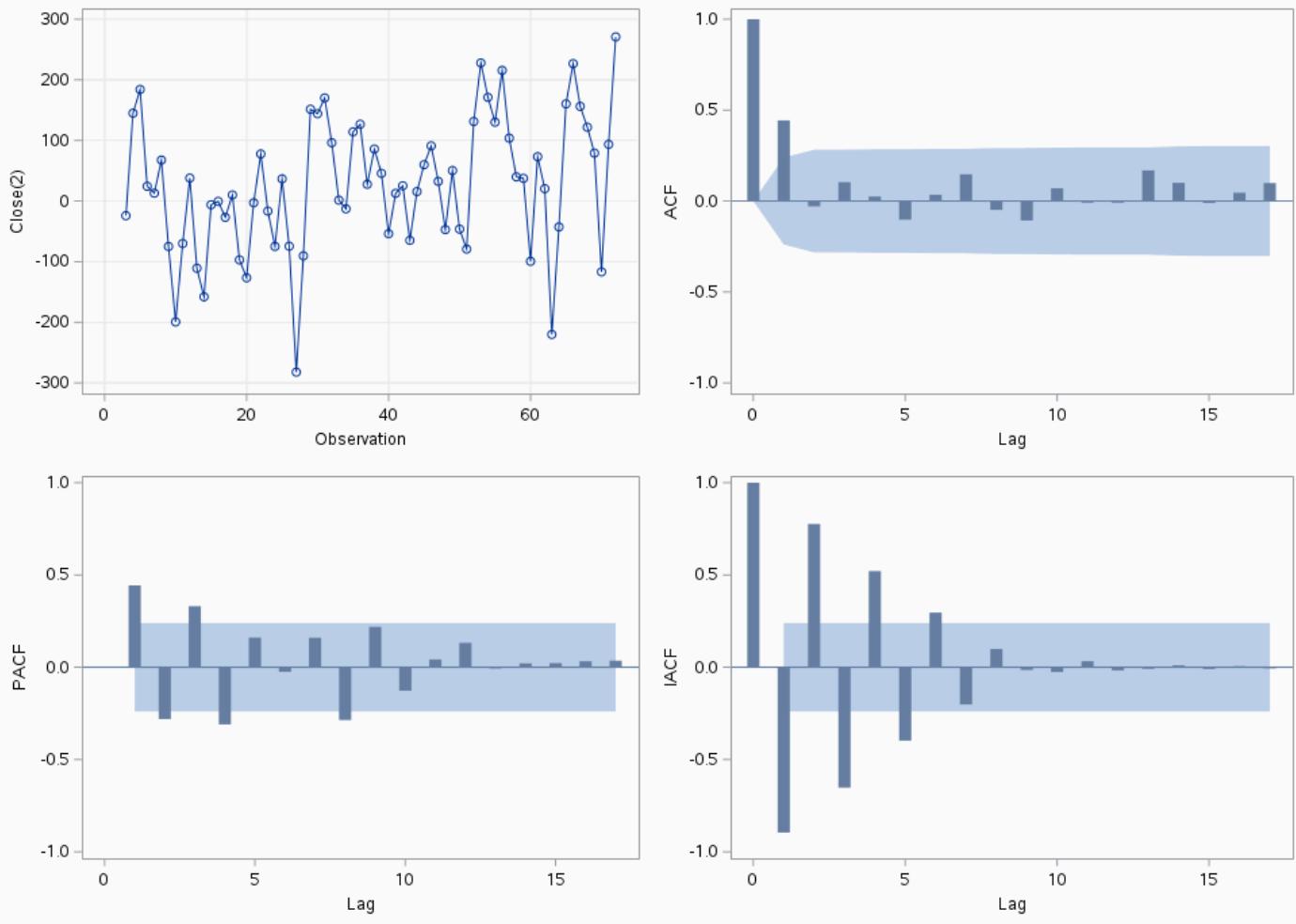
The ARIMA Procedure

Name=MM

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	26.93929
Standard Deviation	110.0052
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
				-6	-4	-2	0	2	4
6	16.19	6	0.0128	0.444	-0.029	0.103	0.025	-0.102	0.035
12	19.47	12	0.0777	0.147	-0.048	-0.107	0.070	-0.008	-0.008

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	94.42181
Maximum Absolute Value of Gradient	54482.41
R-Square Change from Last Iteration	0.347027
Objective Function	Log Gaussian Likelihood
Objective Function Value	-405.293
Marquardt's Lambda Coefficient	0.00001
Numerical Derivative Perturbation Delta	0.001
Iterations	8
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	23.83835	19.44310	1.23	0.2202	0
MA1,1	-0.21685	10.69958	-0.02	0.9838	1
MA1,2	0.78261	8.09942	0.10	0.9230	2
AR1,1	0.64363	0.79603	0.81	0.4188	1
AR1,2	0.15137	0.15261	0.99	0.3212	2

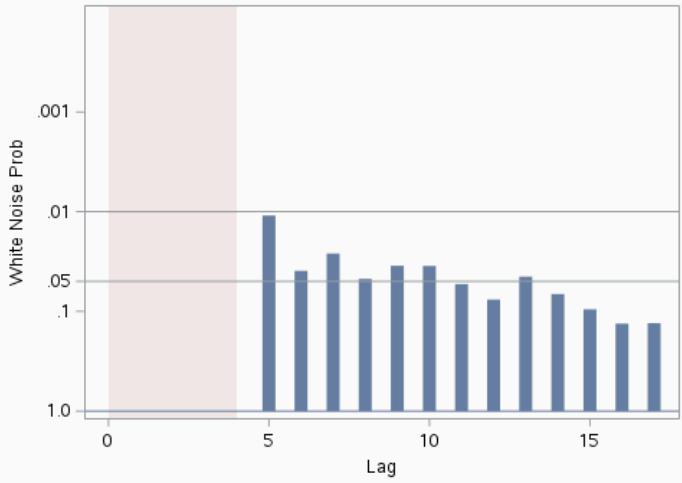
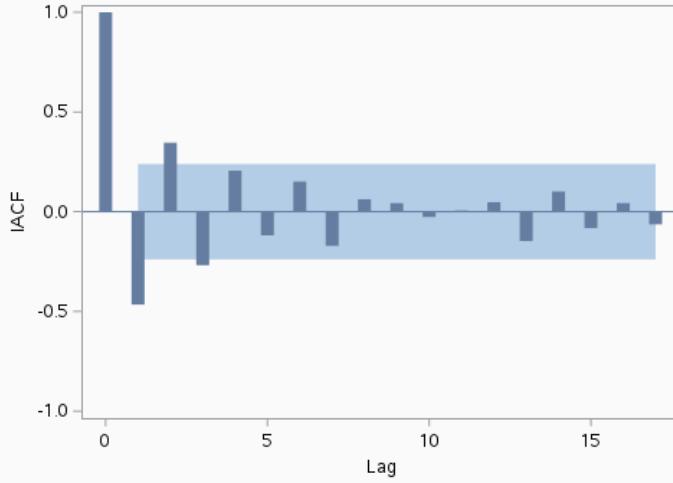
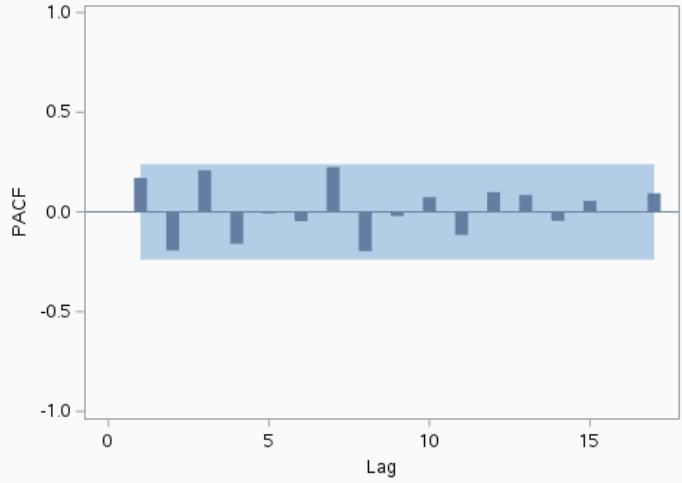
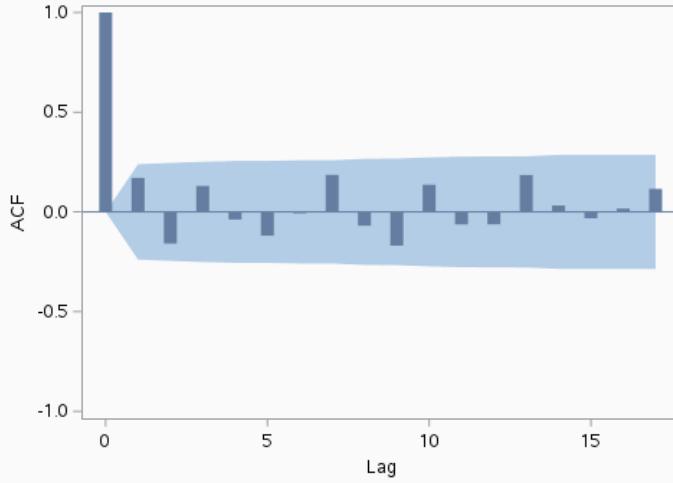
Constant Estimate	4.886811
Variance Estimate	6373.723
Std Error Estimate	79.8356
AIC	820.5866
SBC	831.8291
Number of Residuals	70

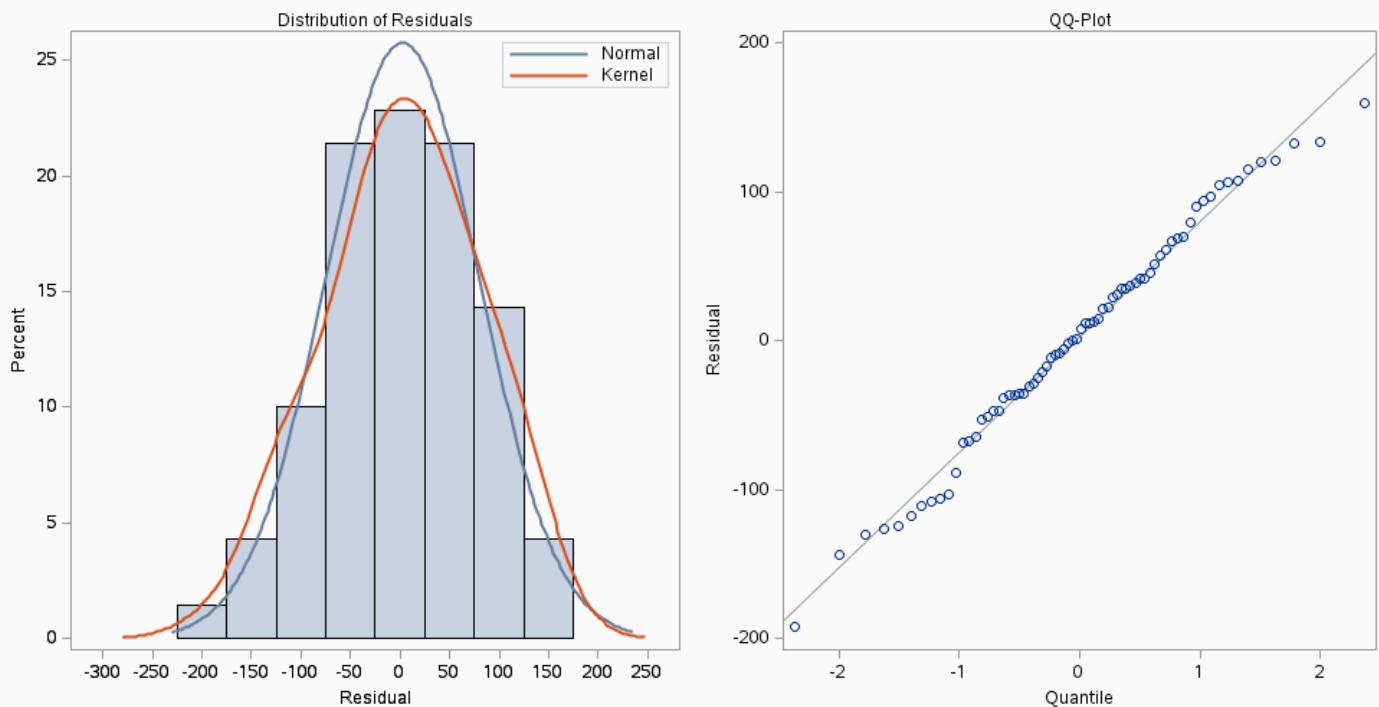
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	0.035	-0.015	0.127	0.057
MA1,1	0.035	1.000	-0.987	0.385	-0.465
MA1,2	-0.015	-0.987	1.000	-0.234	0.507

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	0.127	0.385	-0.234	1.000	-0.012
AR1,2	0.057	-0.465	0.507	-0.012	1.000

Autocorrelation Check of Residuals							
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations			
6	6.51	2	0.0385	0.171	-0.159	0.129	-0.038
12	14.23	8	0.0761	0.184	-0.070	-0.170	0.136
18	18.83	14	0.1714	0.186	0.034	-0.030	0.019
24	25.46	20	0.1844	-0.069	0.113	-0.046	-0.145

Residual Correlation Diagnostics for Close(2)



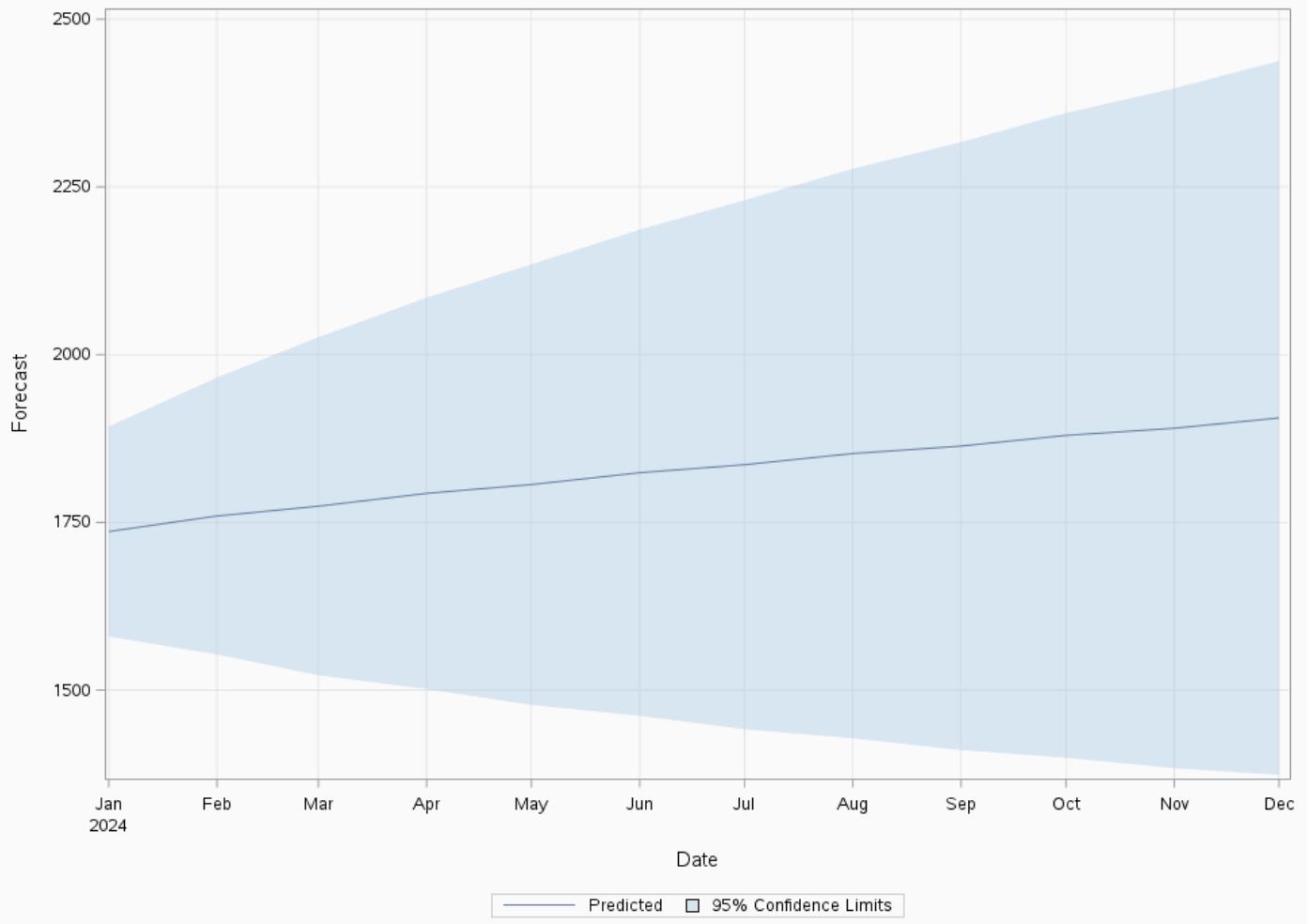
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	23.83835
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 - 0.64363 B^{**}(1) - 0.15137 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 0.21685 B^{**}(1) - 0.78261 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	1736.3854	79.8356	1579.9105	1892.8603
74	1759.5273	105.3229	1553.0982	1965.9563
75	1774.0800	128.5226	1522.1804	2025.9797
76	1793.2359	148.8648	1501.4663	2085.0055
77	1806.3687	167.5324	1478.0112	2134.7262
78	1824.0072	184.8625	1461.6833	2186.3311
79	1835.9484	201.1483	1441.7051	2230.1918
80	1852.5904	216.5371	1428.1854	2276.9953
81	1863.7098	231.1768	1410.6115	2316.8080
82	1879.6719	245.1409	1399.2045	2360.1392
83	1890.2294	258.5244	1383.5309	2396.9279
84	1905.7269	271.3692	1373.8530	2437.6008

Forecasts for Close**Historical Closing Price Of The Stock**

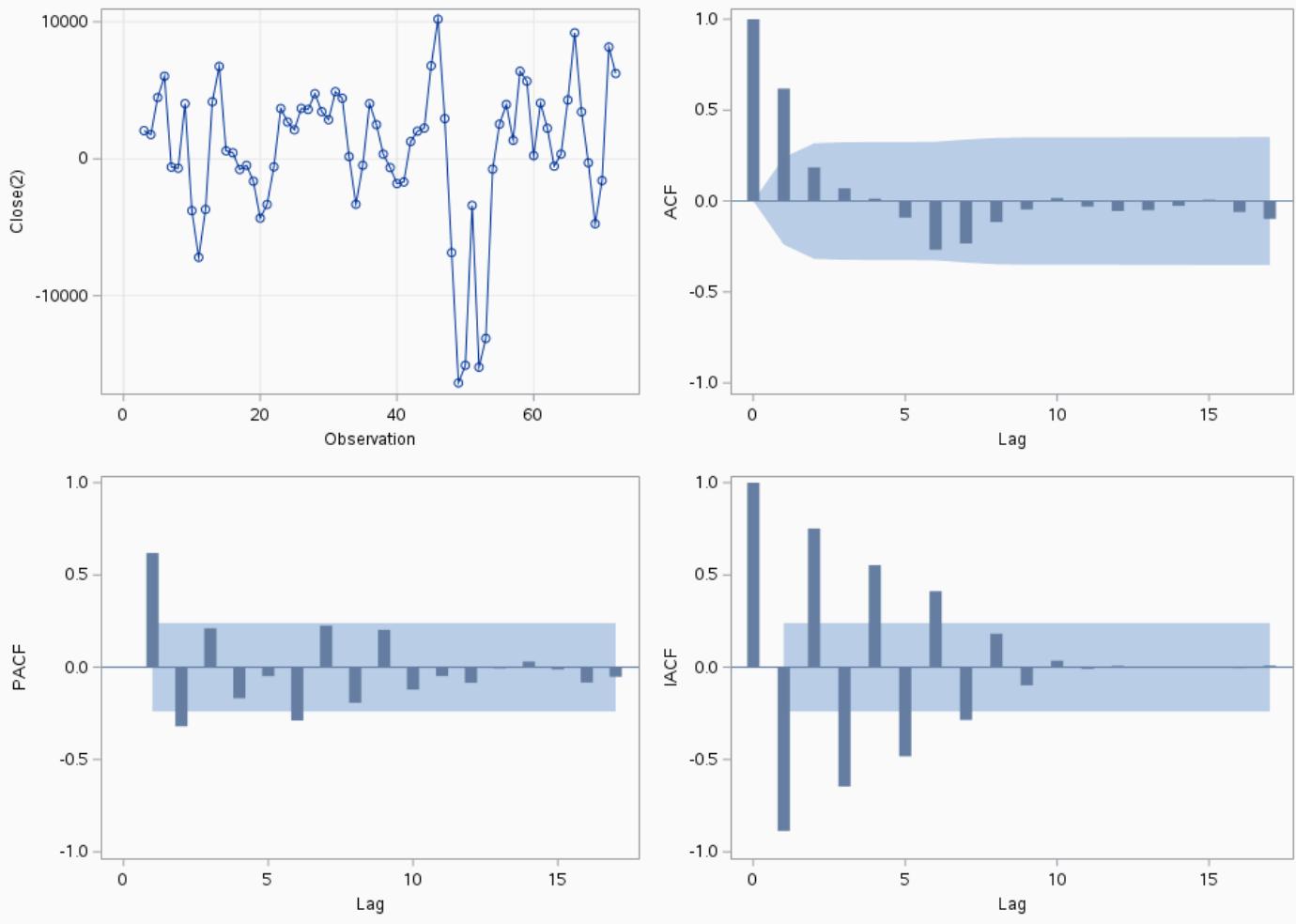
The ARIMA Procedure

Name=NFLX

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	626.2775
Standard Deviation	5209.519
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations						
				-0.618	0.185	0.070	0.012	-0.091	-0.267	
6	37.12	6	<.0001							
12	43.08	12	<.0001	-0.233	-0.115	-0.046	0.016	-0.031	-0.055	

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	65.02275
Maximum Absolute Value of Gradient	94795283
R-Square Change from Last Iteration	0.29213
Objective Function	Log Gaussian Likelihood
Objective Function Value	-671.842
Marquardt's Lambda Coefficient	0.0001
Numerical Derivative Perturbation Delta	0.001
Iterations	13
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	420.35680	363.97330	1.15	0.2481	0
MA1,1	0.25184	18.93265	0.01	0.9894	1
MA1,2	0.74787	14.19246	0.05	0.9580	2
AR1,1	1.17797	0.15895	7.41	<.0001	1
AR1,2	-0.25478	0.14419	-1.77	0.0772	2

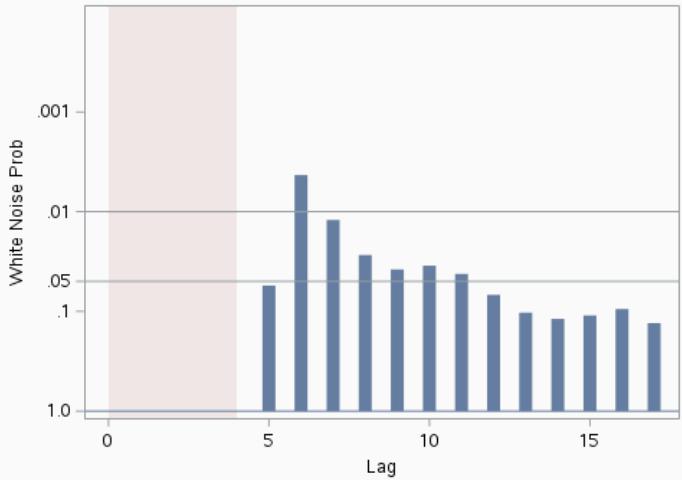
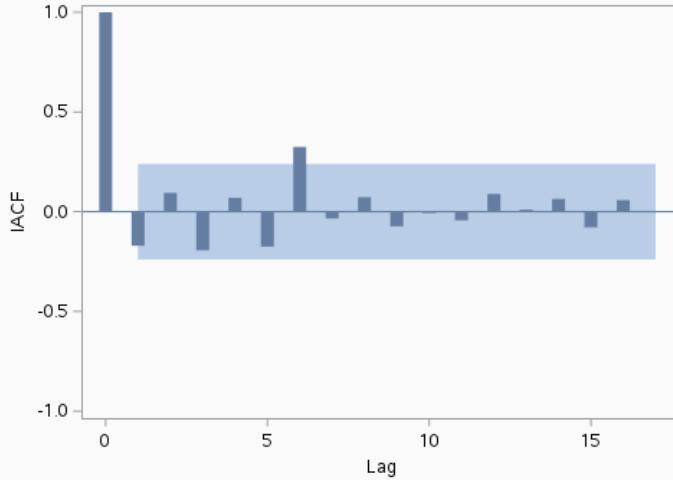
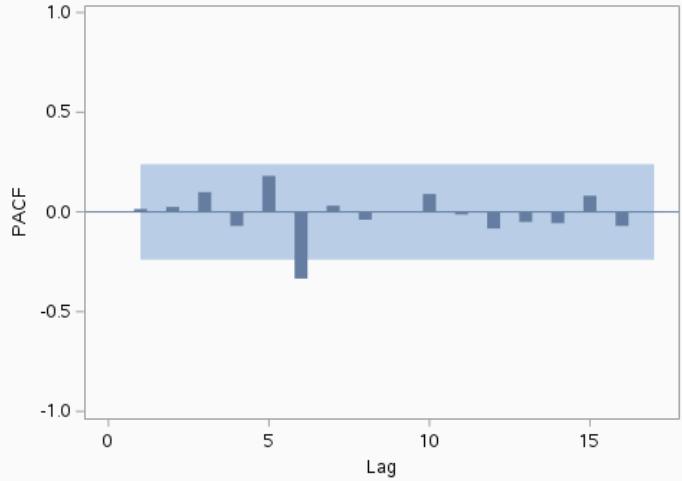
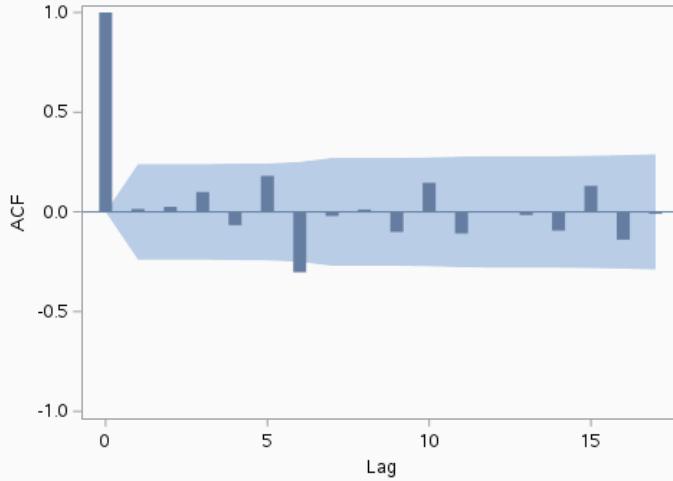
Constant Estimate	32.28564
Variance Estimate	13161239
Std Error Estimate	3627.842
AIC	1353.684
SBC	1364.927
Number of Residuals	70

Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	0.379	0.379	0.170	0.157
MA1,1	0.379	1.000	1.000	0.497	0.256
MA1,2	0.379	1.000	1.000	0.490	0.263

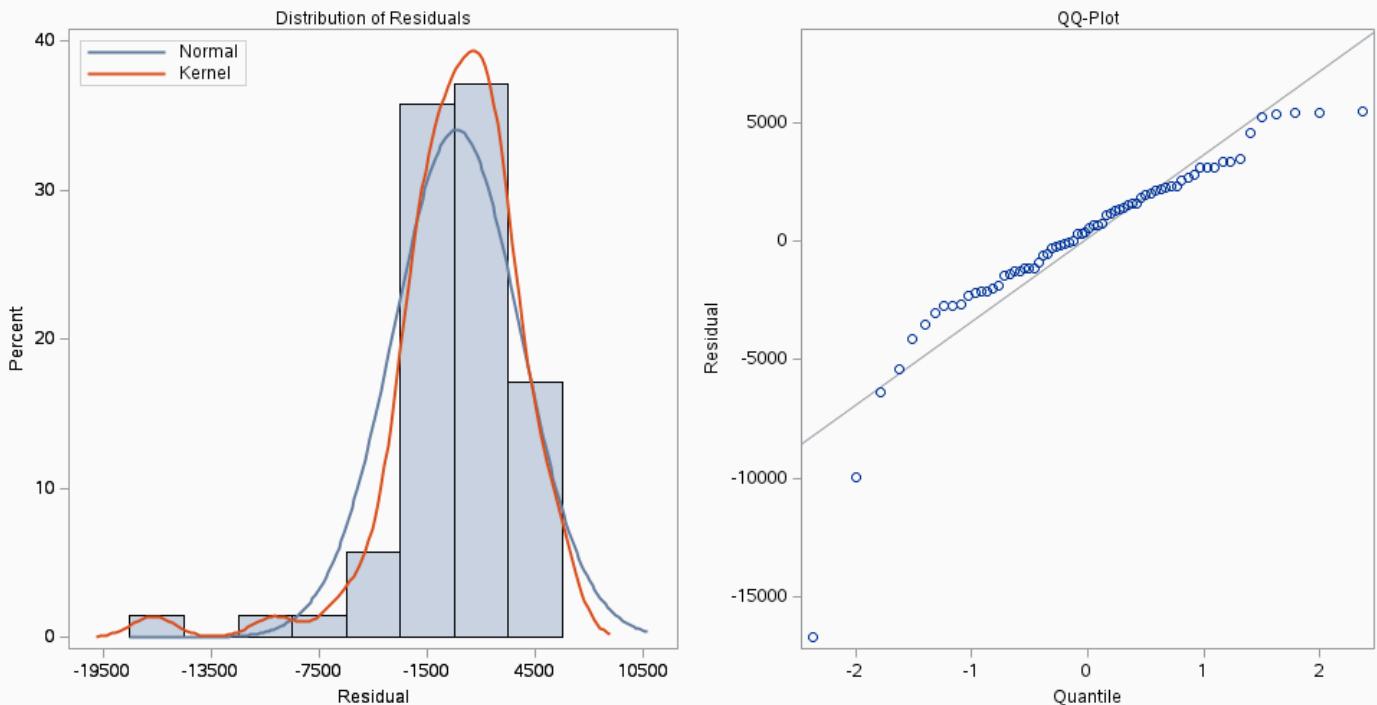
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	0.170	0.497	0.490	1.000	-0.659
AR1,2	0.157	0.256	0.263	-0.659	1.000

Autocorrelation Check of Residuals							
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations			
6	10.85	2	0.0044	0.016	0.025	0.099	-0.066
12	14.51	8	0.0694	-0.021	0.012	-0.100	0.146
18	19.28	14	0.1547	-0.016	-0.094	0.130	-0.139
24	24.59	20	0.2175	-0.051	0.078	-0.146	-0.084

Residual Correlation Diagnostics for Close(2)



Residual Normality Diagnostics for Close(2)

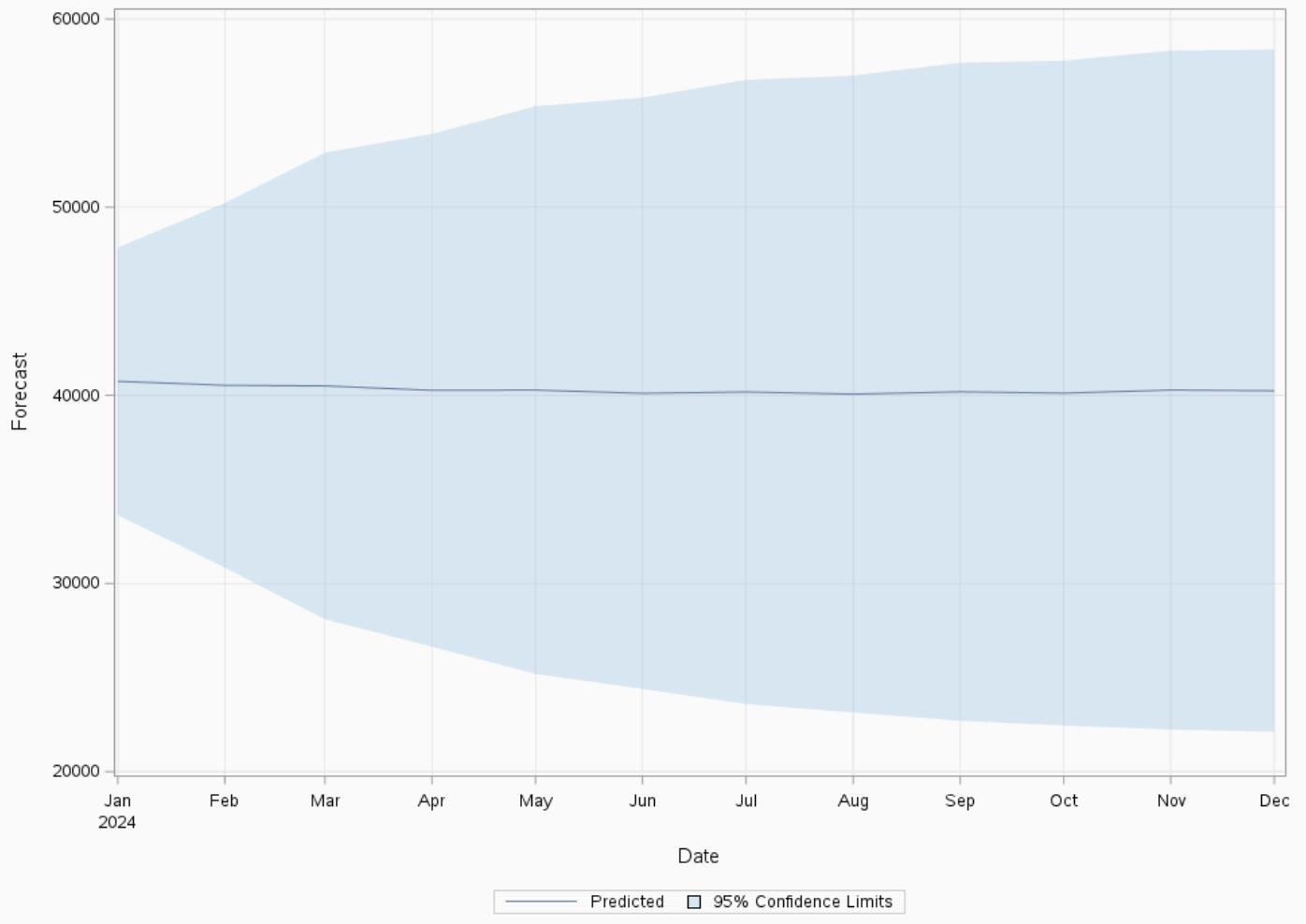


Model for variable Close	
Estimated Mean	420.3568
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 - 1.17797 B^{**}(1) + 0.25478 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 - 0.25184 B^{**}(1) - 0.74787 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	40745.1096	3627.8422	33634.6695	47855.5497
74	40533.9449	4944.6950	30842.5207	50225.3691
75	40498.1956	6327.6109	28096.3062	52900.0851
76	40267.6278	6952.7278	26640.5318	53894.7239
77	40279.6752	7697.3478	25193.1507	55366.1998
78	40110.3542	8017.4777	24396.3868	55824.3217
79	40182.3711	8464.8075	23591.6533	56773.0889
80	40068.0881	8636.4965	23140.8661	56995.3102
81	40189.6595	8922.5975	22701.6898	57677.6292
82	40119.7278	9015.3766	22449.9143	57789.5413
83	40280.9183	9205.9191	22237.6484	58324.1882
84	40246.3573	9255.0764	22106.7408	58385.9737

Forecasts for Close**Historical Closing Price Of The Stock**

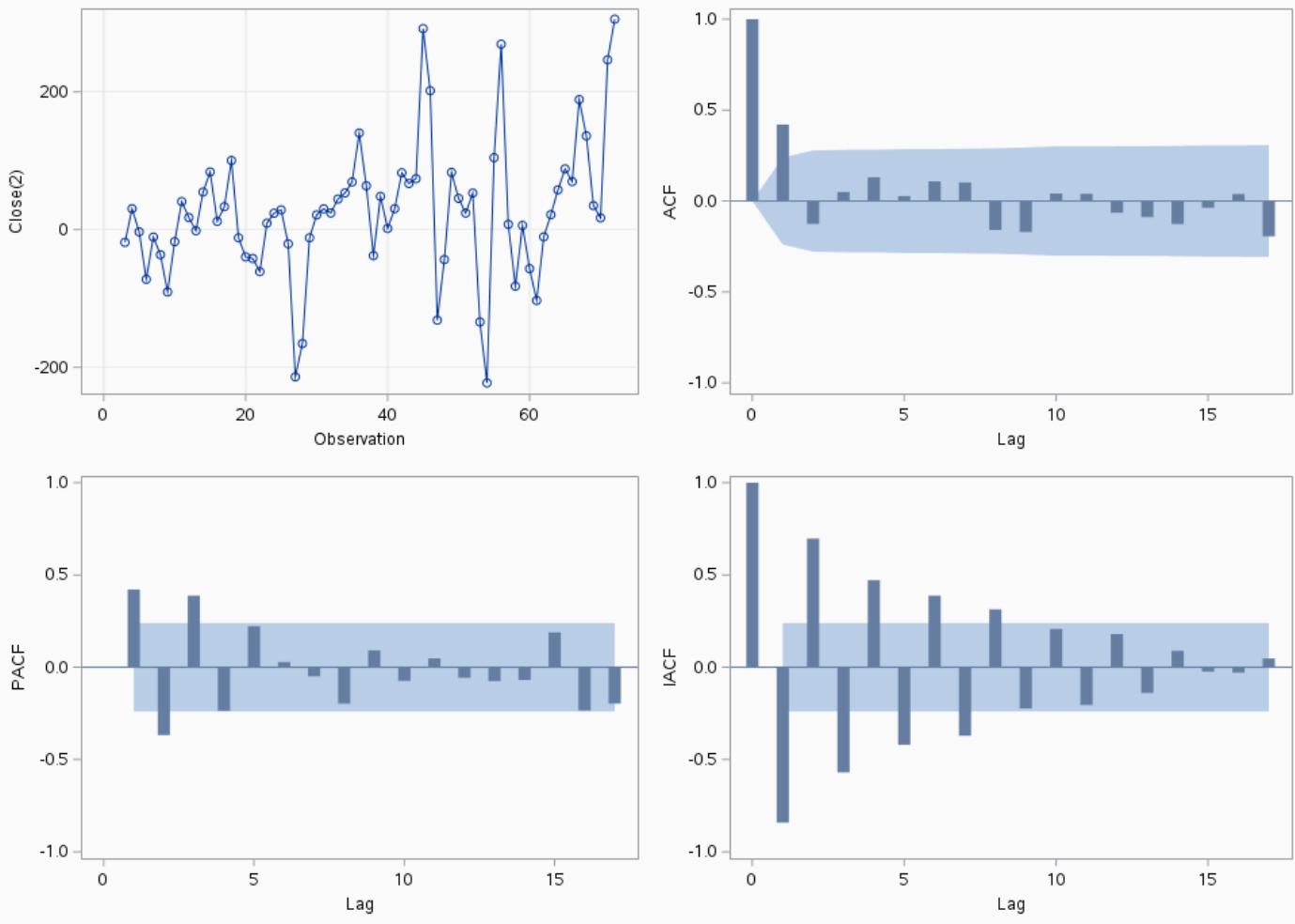
The ARIMA Procedure

Name=OBEROI

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	25.66071
Standard Deviation	99.12226
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
				-0.126	0.049	0.130	0.027	0.108	
6	16.55	6	0.0111	0.421	-0.126	0.049	0.130	0.027	0.108
12	22.47	12	0.0326	0.102	-0.159	-0.170	0.041	0.040	-0.064

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	2.69E-15
Maximum Absolute Value of Gradient	92.49658
R-Square Change from Last Iteration	0.001555
Objective Function	Log Gaussian Likelihood
Objective Function Value	-398.184
Marquardt's Lambda Coefficient	1E12
Numerical Derivative Perturbation Delta	0.001
Iterations	16
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	25.39964	14.50155	1.75	0.0799	0
MA1,1	-1.20702	0.38384	-3.14	0.0017	1
MA1,2	-0.42543	0.33439	-1.27	0.2033	2
AR1,1	-0.27627	0.37440	-0.74	0.4606	1
AR1,2	-0.29469	0.15889	-1.85	0.0636	2

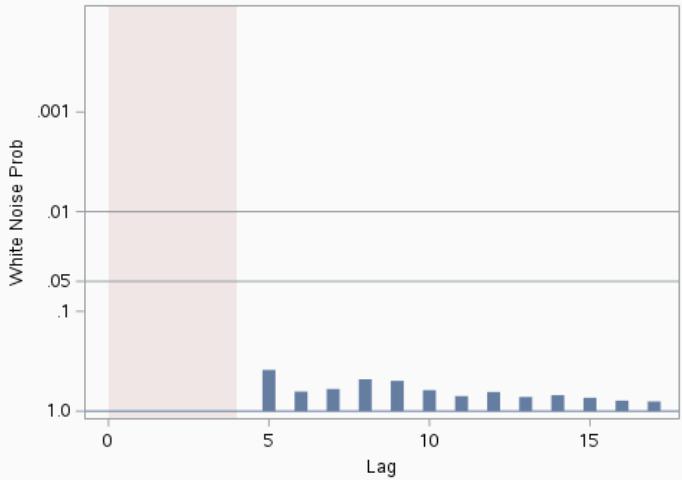
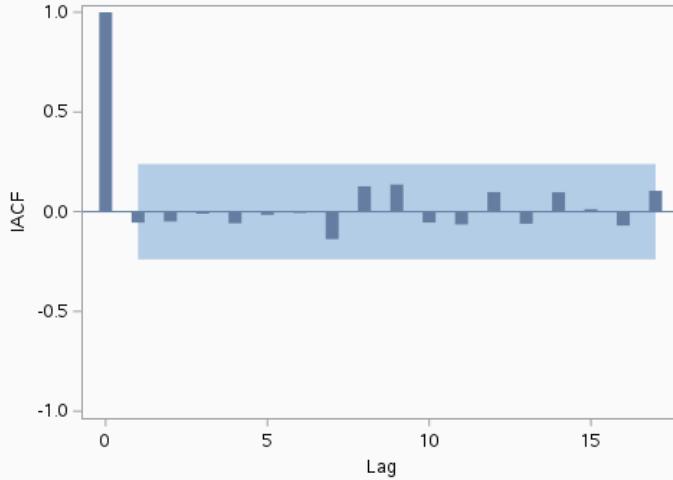
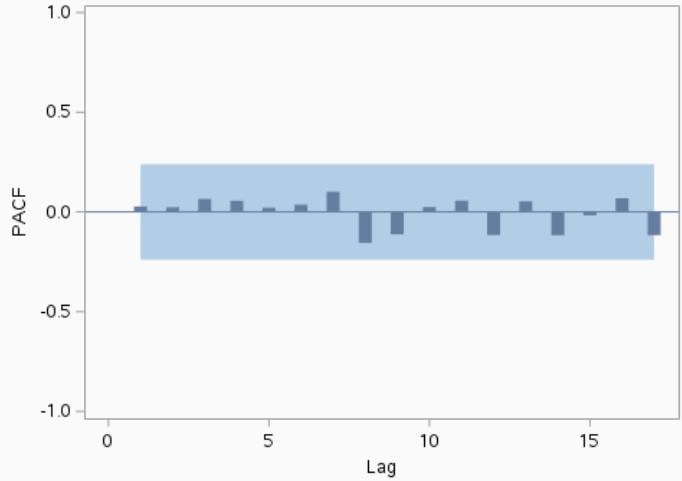
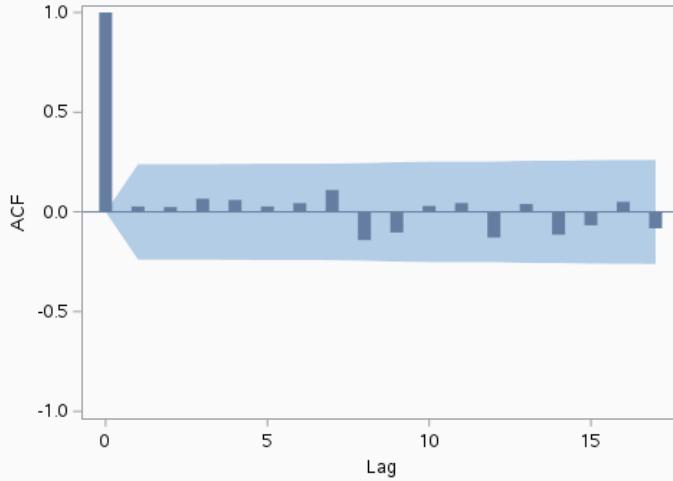
Constant Estimate	39.90181
Variance Estimate	5380.383
Std Error Estimate	73.3511
AIC	806.3684
SBC	817.6109
Number of Residuals	70

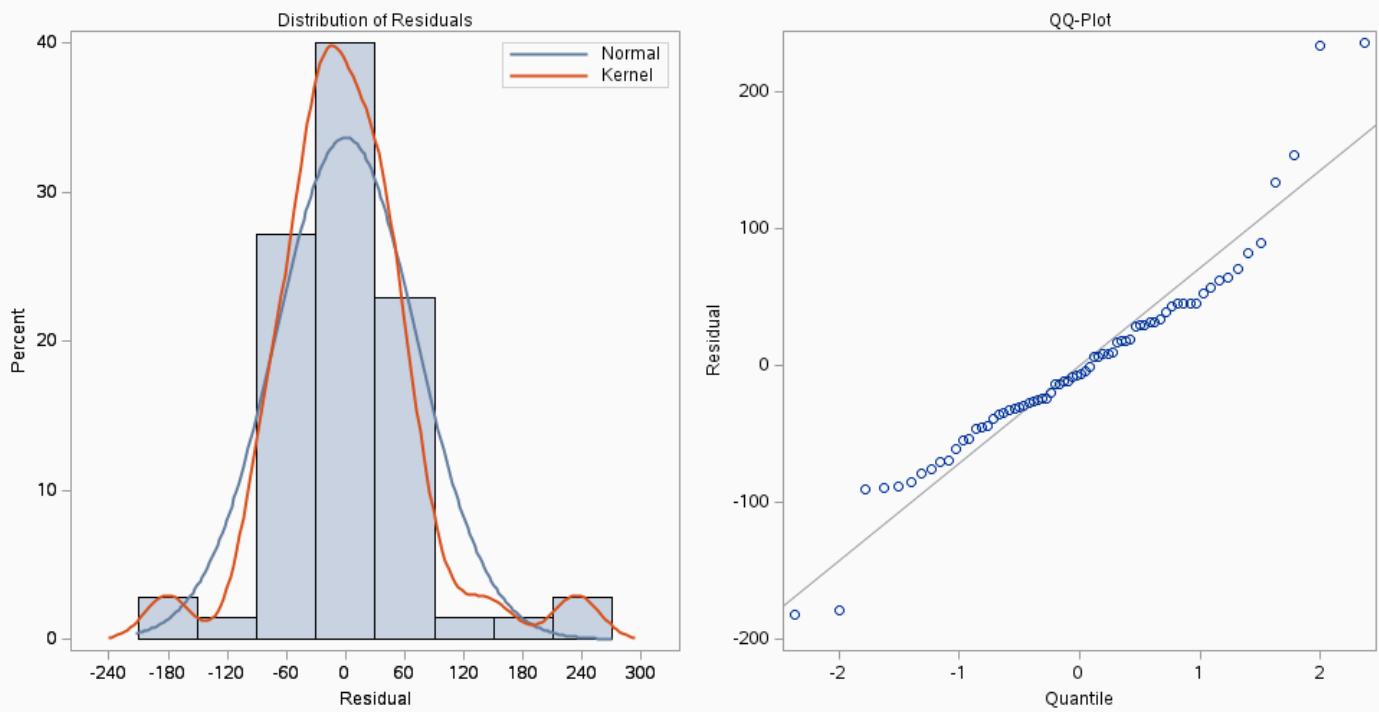
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	-0.039	-0.040	-0.037	0.043
MA1,1	-0.039	1.000	0.972	0.948	-0.432
MA1,2	-0.040	0.972	1.000	0.932	-0.322

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	-0.037	0.948	0.932	1.000	-0.335
AR1,2	0.043	-0.432	-0.322	-0.335	1.000

Autocorrelation Check of Residuals								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	0.90	2	0.6374	0.027	0.024	0.066	0.060	0.027
12	6.05	8	0.6421	0.110	-0.141	-0.103	0.030	0.044
18	17.58	14	0.2267	0.039	-0.114	-0.067	0.051	-0.082
24	20.44	20	0.4310	0.101	0.019	0.105	0.065	0.018

Residual Correlation Diagnostics for Close(2)



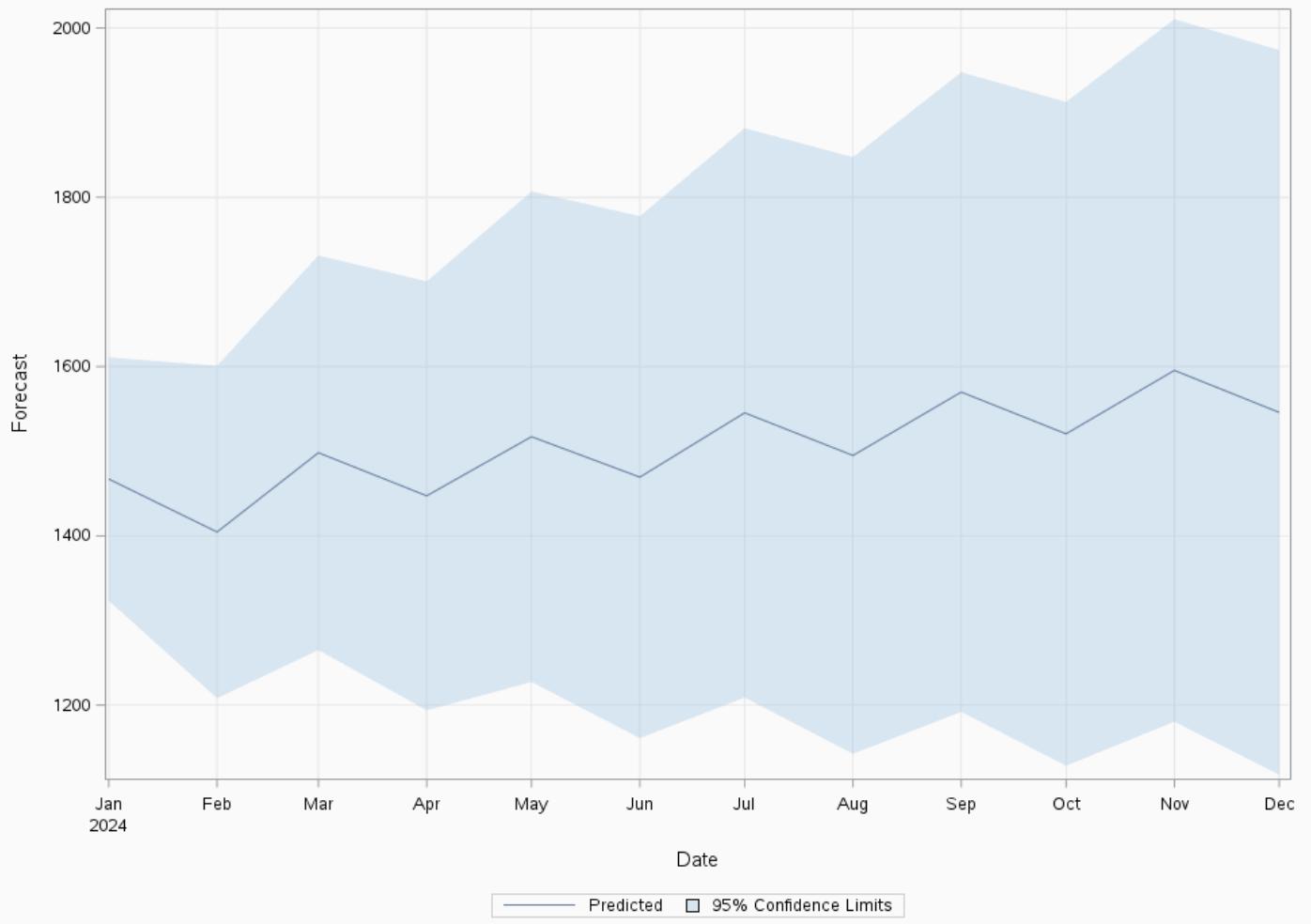
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	25.39964
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 + 0.27627 B^{**}(1) + 0.29469 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 1.20702 B^{**}(1) + 0.42543 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	1467.1589	73.3511	1323.3933	1610.9244
74	1404.5845	100.2070	1208.1823	1600.9867
75	1498.2296	118.9440	1265.1037	1731.3555
76	1447.3264	129.3043	1193.8947	1700.7581
77	1517.1669	147.8348	1227.4161	1806.9177
78	1469.4007	157.3177	1161.0638	1777.7377
79	1545.3896	171.6150	1209.0304	1881.7488
80	1495.0004	179.8319	1142.5364	1847.4644
81	1569.9021	192.7952	1192.0303	1947.7738
82	1520.5862	200.0804	1128.4358	1912.7366
83	1595.5117	211.7404	1180.5081	2010.5154
84	1545.8730	218.4258	1117.7662	1973.9797

Forecasts for Close**Historical Closing Price Of The Stock**

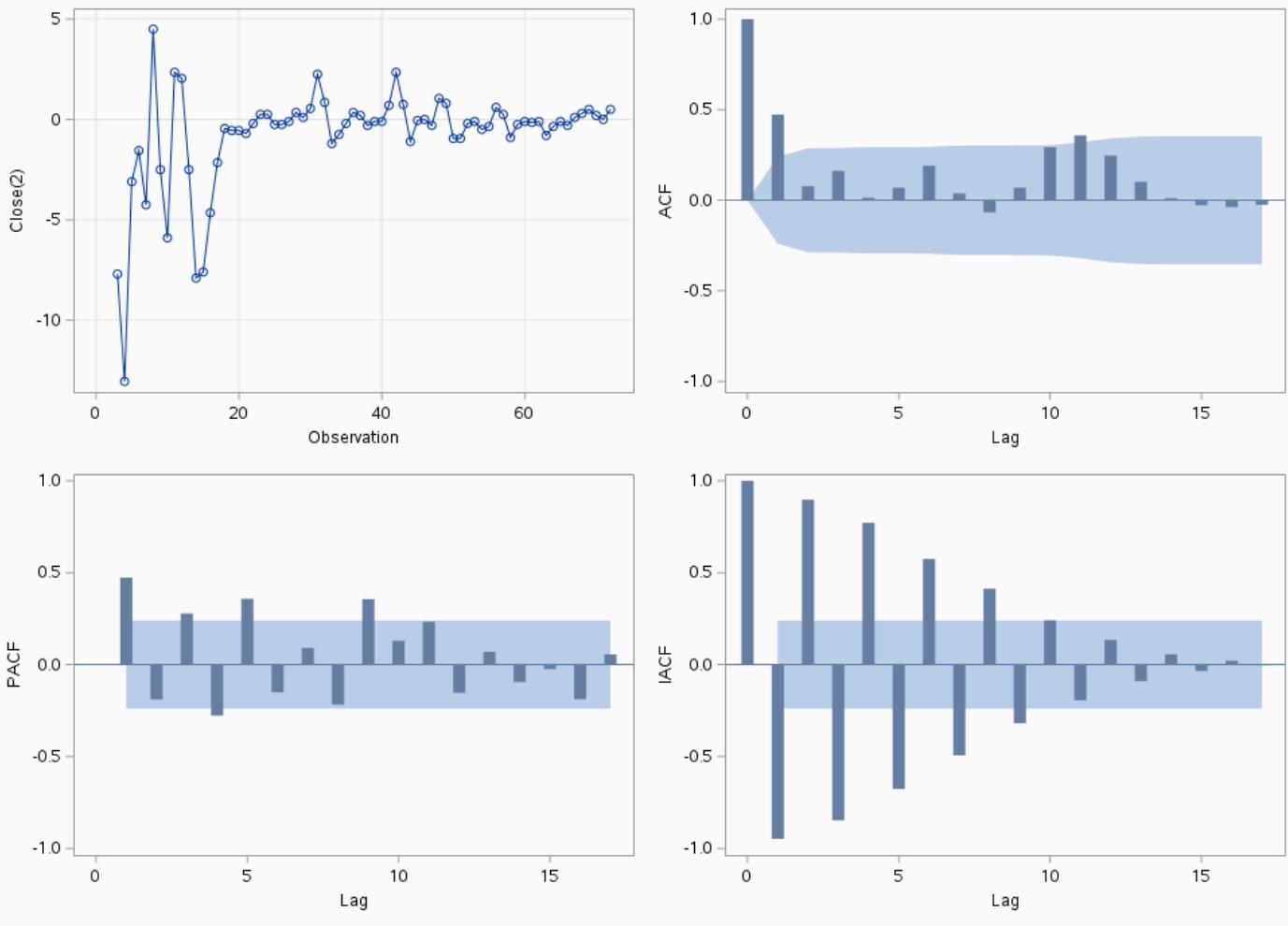
The ARIMA Procedure

Name=RCOMMU

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	-0.77071
Standard Deviation	2.581825
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
				0.473	0.077	0.162	0.013	0.069	0.191
6	22.00	6	0.0012						
12	46.30	12	<.0001	0.038	-0.066	0.069	0.293	0.358	0.246

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	67.93485
Maximum Absolute Value of Gradient	79.67693
R-Square Change from Last Iteration	0.782417
Objective Function	Log Gaussian Likelihood
Objective Function Value	-148.801
Marquardt's Lambda Coefficient	0.00001
Numerical Derivative Perturbation Delta	0.001
Iterations	6
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	-0.98691	0.44971	-2.19	0.0282	0
MA1,1	-0.80912	11.47726	-0.07	0.9438	1
MA1,2	0.19020	2.06949	0.09	0.9268	2
AR1,1	-0.17880	0.61402	-0.29	0.7709	1
AR1,2	0.31864	0.20959	1.52	0.1284	2

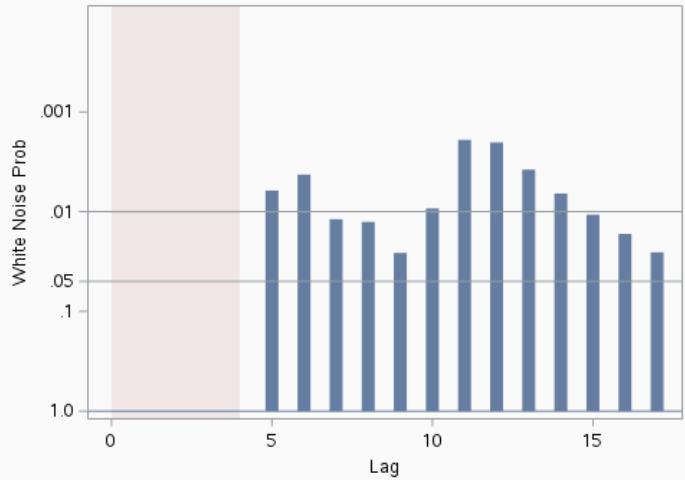
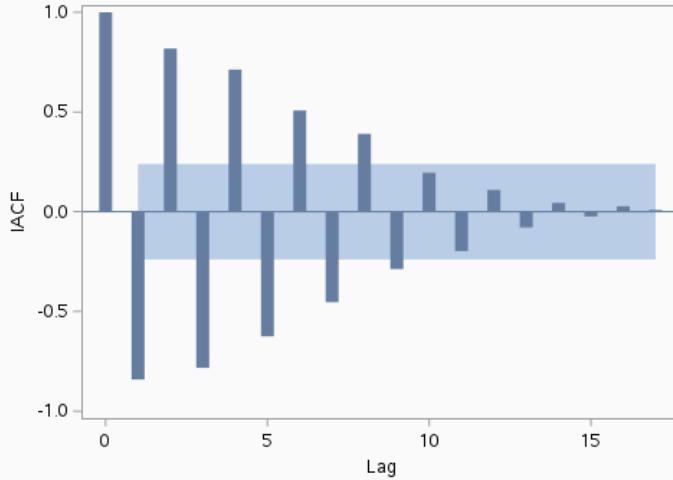
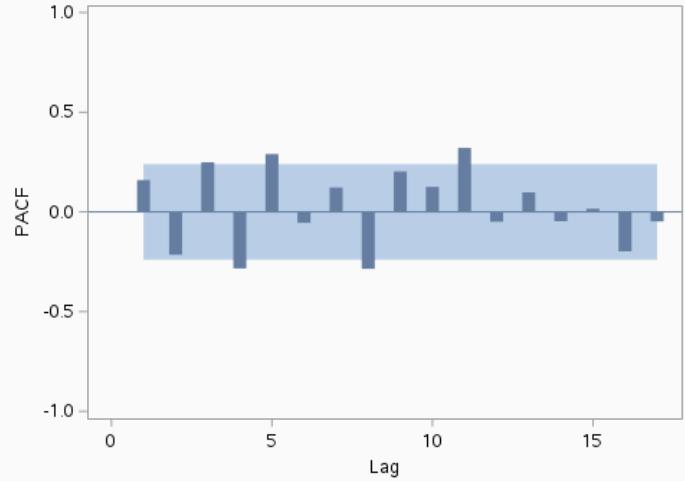
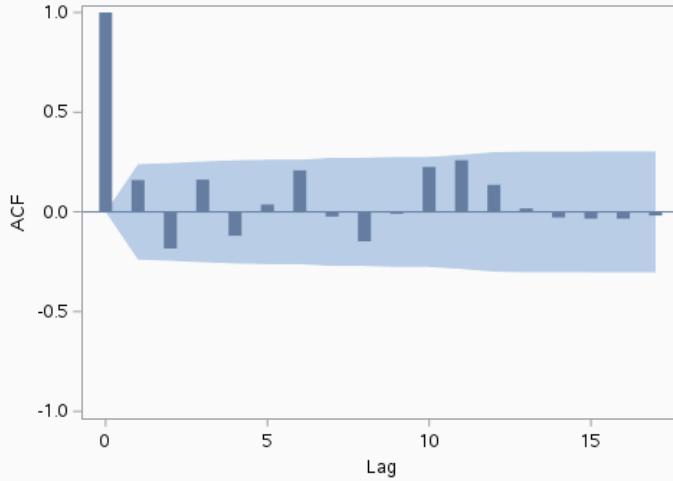
Constant Estimate	-0.8489
Variance Estimate	4.246317
Std Error Estimate	2.060659
AIC	307.6016
SBC	318.8441
Number of Residuals	70

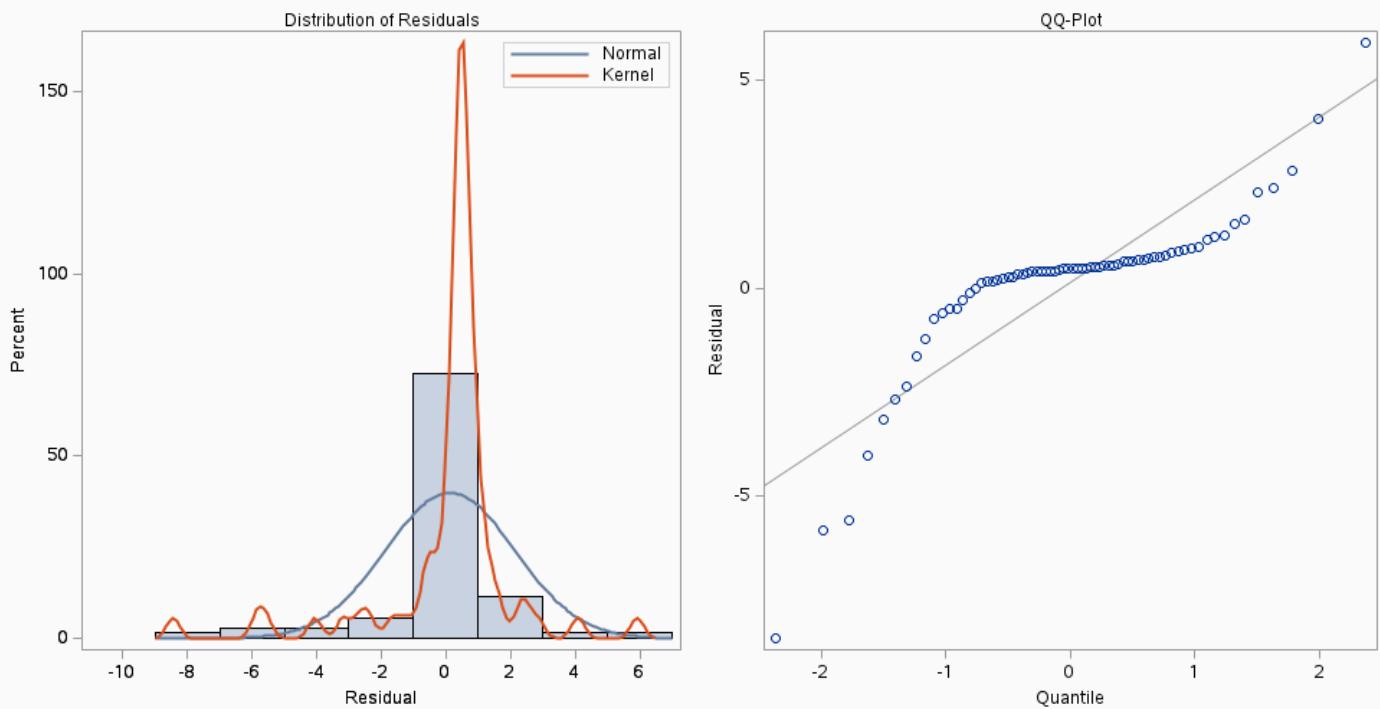
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	0.012	-0.021	-0.029	-0.039
MA1,1	0.012	1.000	-0.956	0.495	-0.160
MA1,2	-0.021	-0.956	1.000	-0.230	0.362

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	-0.029	0.495	-0.230	1.000	0.456
AR1,2	-0.039	-0.160	0.362	0.456	1.000

Autocorrelation Check of Residuals							
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations			
6	11.05	2	0.0040	0.165	-0.172	0.170	-0.110
12	24.91	8	0.0016	-0.015	-0.137	-0.002	0.231
18	25.13	14	0.0333	0.029	-0.016	-0.022	-0.022
24	25.97	20	0.1668	0.035	0.028	-0.048	-0.040

Residual Correlation Diagnostics for Close(2)



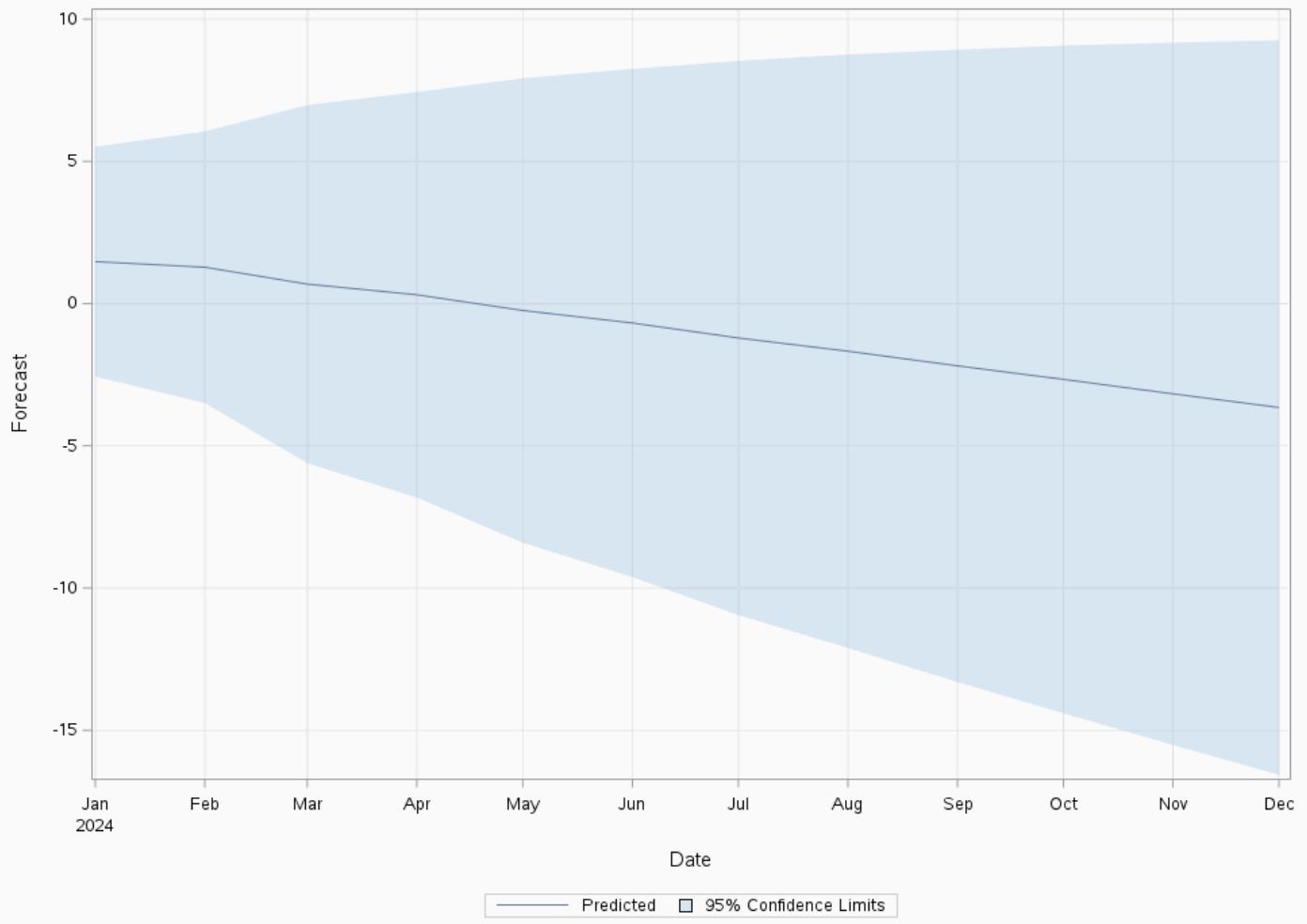
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	-0.98691
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 + 0.1788 B^{**}(1) - 0.31864 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 0.80912 B^{**}(1) - 0.1902 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	1.4756	2.0607	-2.5633	5.5144
74	1.2798	2.4359	-3.4944	6.0540
75	0.6858	3.2116	-5.6088	6.9805
76	0.3108	3.6371	-6.8177	7.4393
77	-0.2414	4.1654	-8.4055	7.9227
78	-0.6811	4.5571	-9.6127	8.2506
79	-1.2084	4.9707	-10.9509	8.5340
80	-1.6731	5.3219	-12.1039	8.7576
81	-2.1881	5.6718	-13.3047	8.9285
82	-2.6630	5.9888	-14.4008	9.0748
83	-3.1722	6.2982	-15.5165	9.1722
84	-3.6513	6.5877	-16.5630	9.2603

Forecasts for Close**Historical Closing Price Of The Stock**

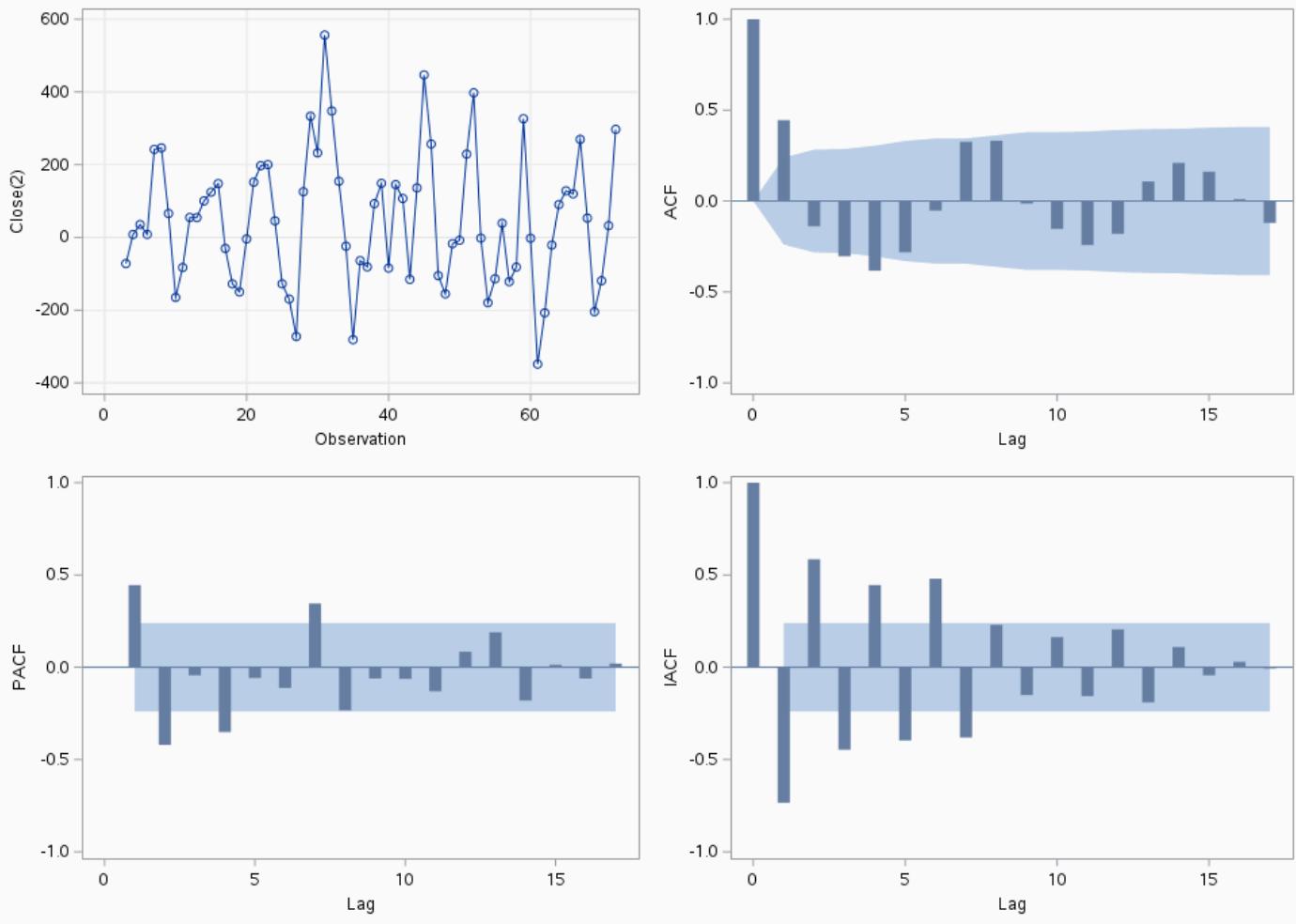
The ARIMA Procedure

Name=RINDUS

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	45.86679
Standard Deviation	180.1274
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations							
				-6	-4	-2	0	2	4	6	8
6	40.39	6	<.0001	0.445	-0.139	-0.304	-0.383	-0.281	-0.053		
12	67.63	12	<.0001	0.326	0.332	-0.013	-0.153	-0.242	-0.180		

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	3.0789
Maximum Absolute Value of Gradient	317136.7
R-Square Change from Last Iteration	0.280334
Objective Function	Log Gaussian Likelihood
Objective Function Value	-443.823
Marquardt's Lambda Coefficient	0.00001
Numerical Derivative Perturbation Delta	0.001
Iterations	10
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	45.52020	30.00167	1.52	0.1292	0
MA1,1	-1.32728	3.47296	-0.38	0.7023	1
MA1,2	-0.32730	1.38681	-0.24	0.8134	2
AR1,1	-0.52213	0.79454	-0.66	0.5111	1
AR1,2	0.09586	0.21572	0.44	0.6568	2

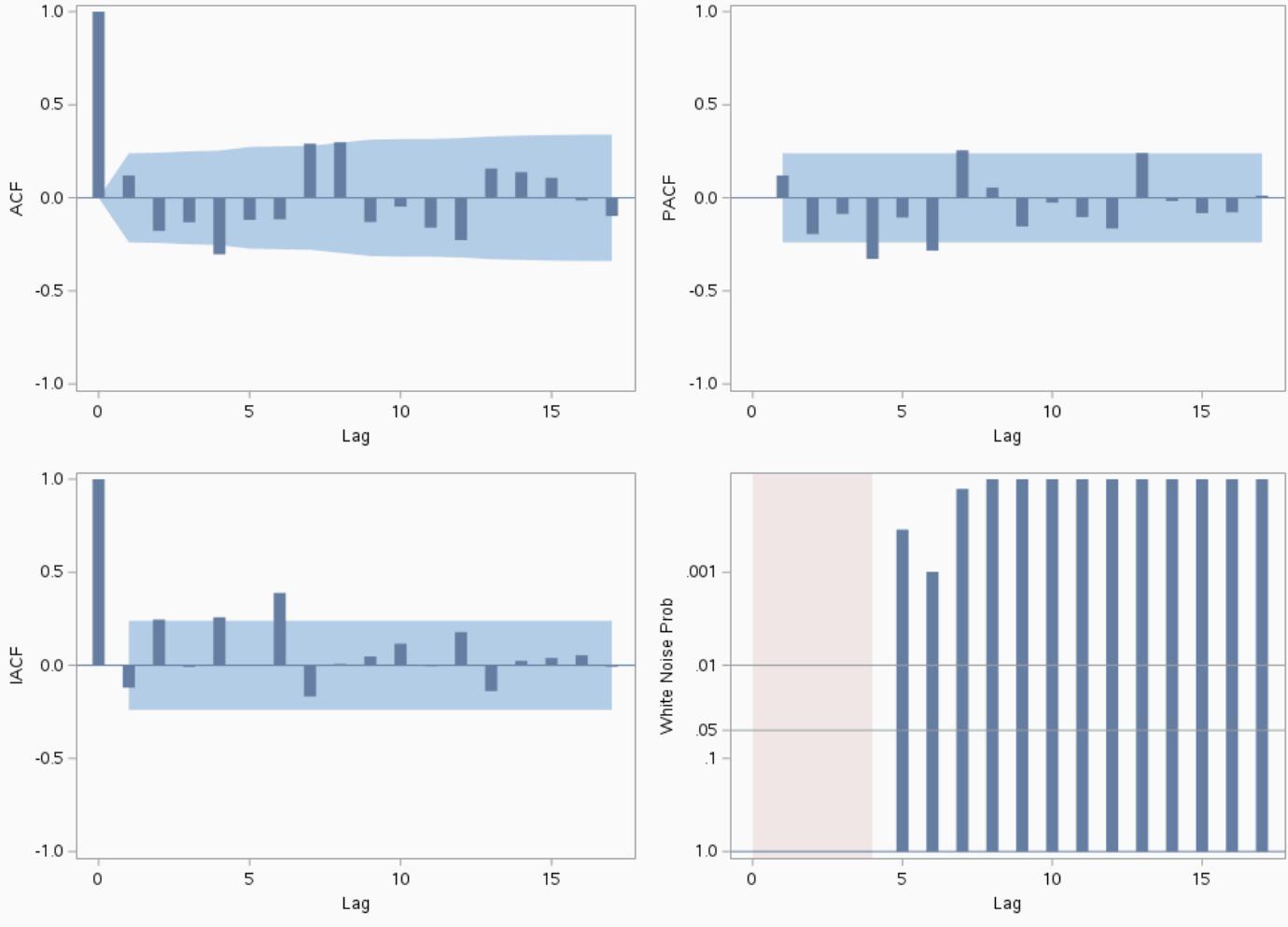
Constant Estimate	64.9242
Variance Estimate	19335.16
Std Error Estimate	139.0509
AIC	897.6463
SBC	908.8887
Number of Residuals	70

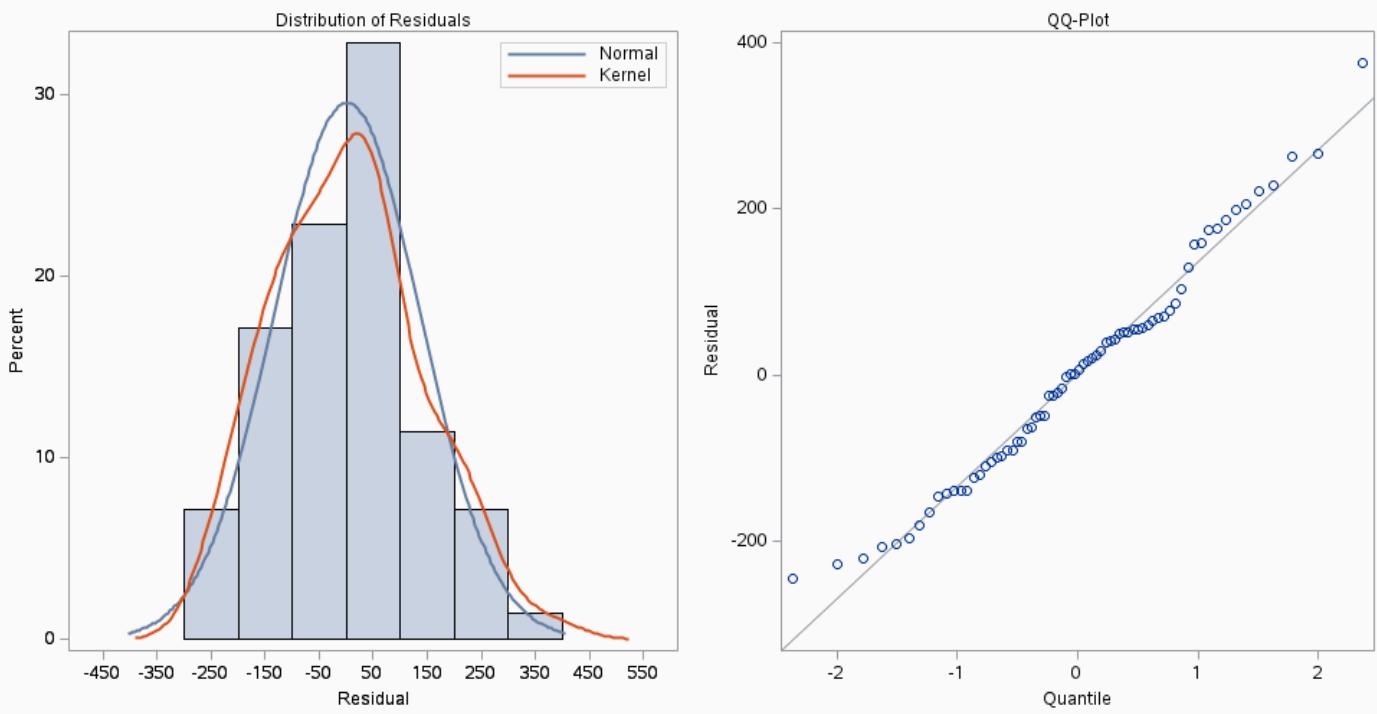
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	0.002	0.004	0.009	0.018
MA1,1	0.002	1.000	0.942	0.431	0.084
MA1,2	0.004	0.942	1.000	0.704	0.346

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	0.009	0.431	0.704	1.000	0.771
AR1,2	0.018	0.084	0.346	0.771	1.000

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
				1	2	3	4	5
6	13.82	2	0.0010	0.120	-0.177	-0.131	-0.303	-0.118
12	36.04	8	<.0001	0.291	0.299	-0.130	-0.047	-0.160
18	42.29	14	0.0001	0.158	0.138	0.108	-0.013	-0.097
24	51.85	20	0.0001	-0.208	0.057	0.163	0.057	0.112

Residual Correlation Diagnostics for Close(2)



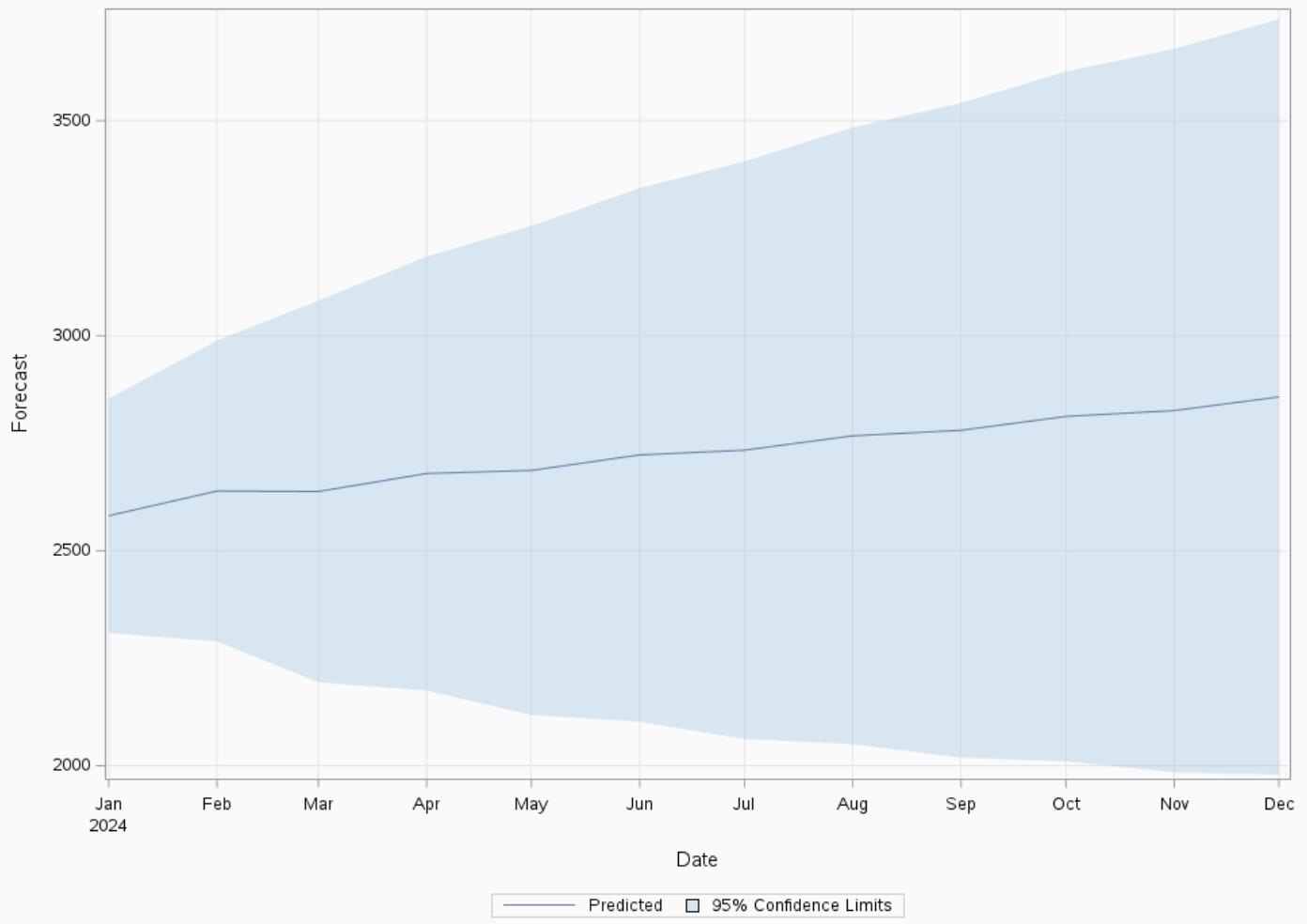
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	45.5202
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 + 0.52213 B^{**}(1) - 0.09586 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 1.32728 B^{**}(1) + 0.3273 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	2581.4594	139.0509	2308.9246	2853.9942
74	2638.9002	178.5204	2289.0066	2988.7938
75	2637.7708	226.5213	2193.7971	3081.7445
76	2679.5941	257.5176	2174.8689	3184.3192
77	2686.8455	290.2833	2117.9007	3255.7902
78	2722.7957	316.5890	2102.2927	3343.2987
79	2733.9170	342.7880	2062.0649	3405.7691
80	2767.2837	365.9226	2050.0887	3484.4787
81	2780.1249	388.4312	2018.8137	3541.4361
82	2812.3459	409.2282	2010.2734	3614.4184
83	2825.9501	429.3214	1984.4956	3667.4047
84	2857.6629	448.3211	1978.9696	3736.3562

Forecasts for Close**Historical Closing Price Of The Stock**

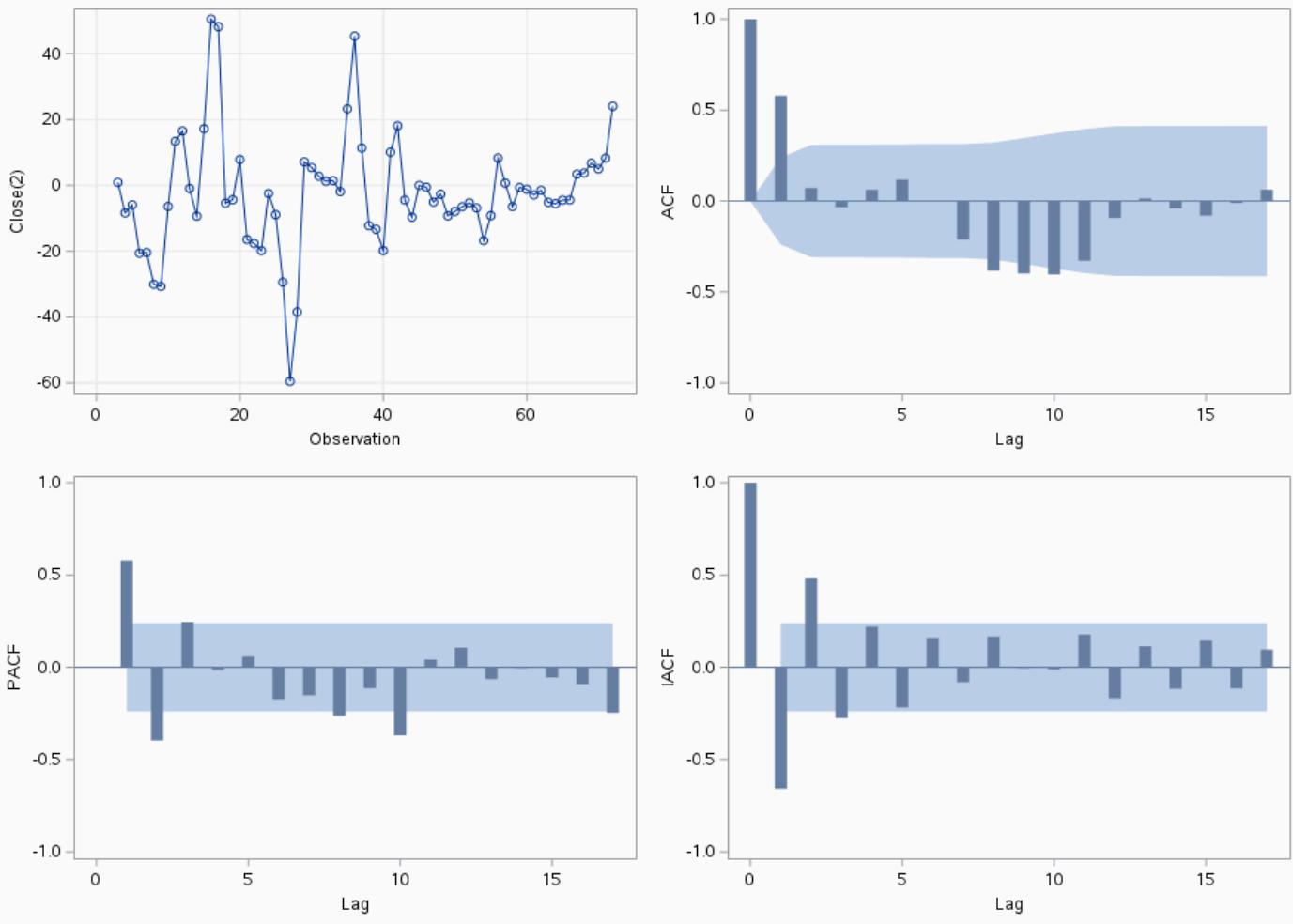
The ARIMA Procedure

Name=SPICEJ

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	-2.25657
Standard Deviation	17.30281
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
				1	2	3	4	5	6
6	26.35	6	0.0002	0.579	0.072	-0.034	0.062	0.117	-0.003
12	78.63	12	<.0001	-0.212	-0.383	-0.399	-0.403	-0.328	-0.093

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	44.62241
Maximum Absolute Value of Gradient	19854.72
R-Square Change from Last Iteration	0.550066
Objective Function	Log Gaussian Likelihood
Objective Function Value	-289.513
Marquardt's Lambda Coefficient	0.00001
Numerical Derivative Perturbation Delta	0.001
Iterations	8
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	-2.39691	4.98343	-0.48	0.6305	0
MA1,1	1.35597	74.86419	0.02	0.9855	1
MA1,2	-0.35608	26.62579	-0.01	0.9893	2
AR1,1	1.79189	0.54821	3.27	0.0011	1
AR1,2	-0.80165	0.43683	-1.84	0.0665	2

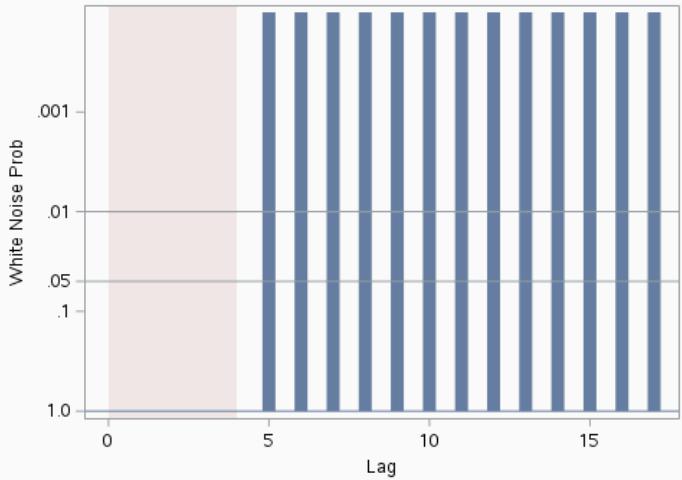
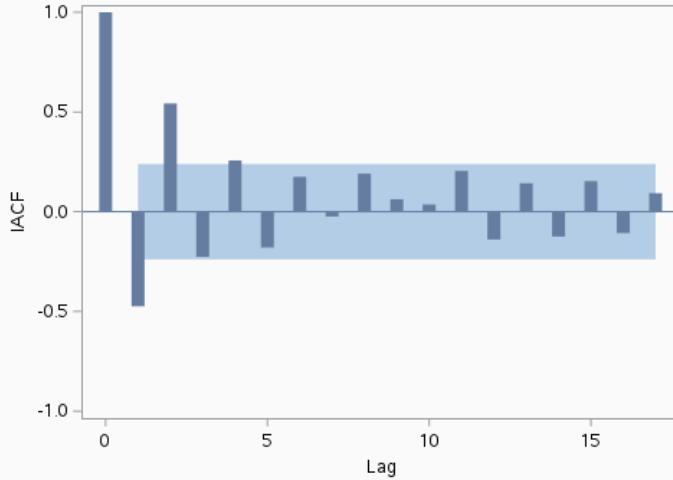
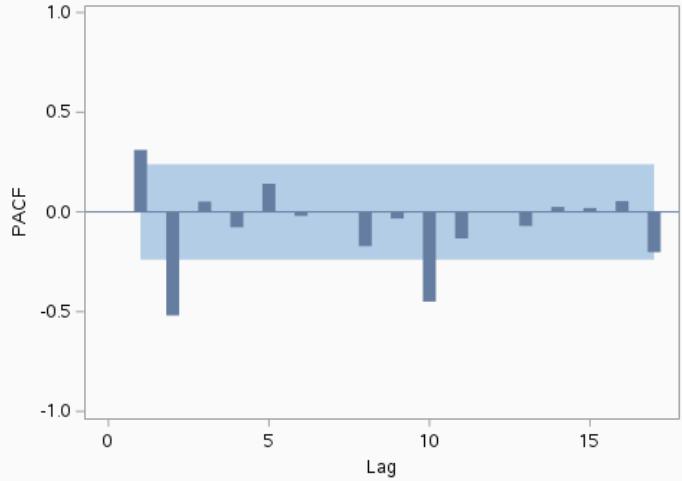
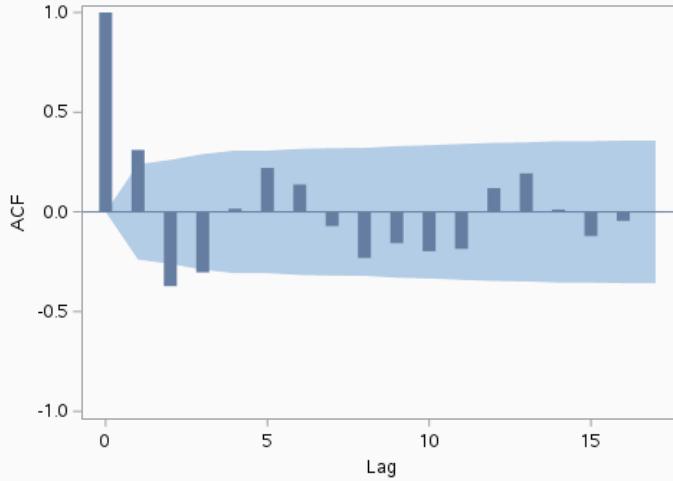
Constant Estimate	-0.02338
Variance Estimate	241.5027
Std Error Estimate	15.54036
AIC	589.0258
SBC	600.2683
Number of Residuals	70

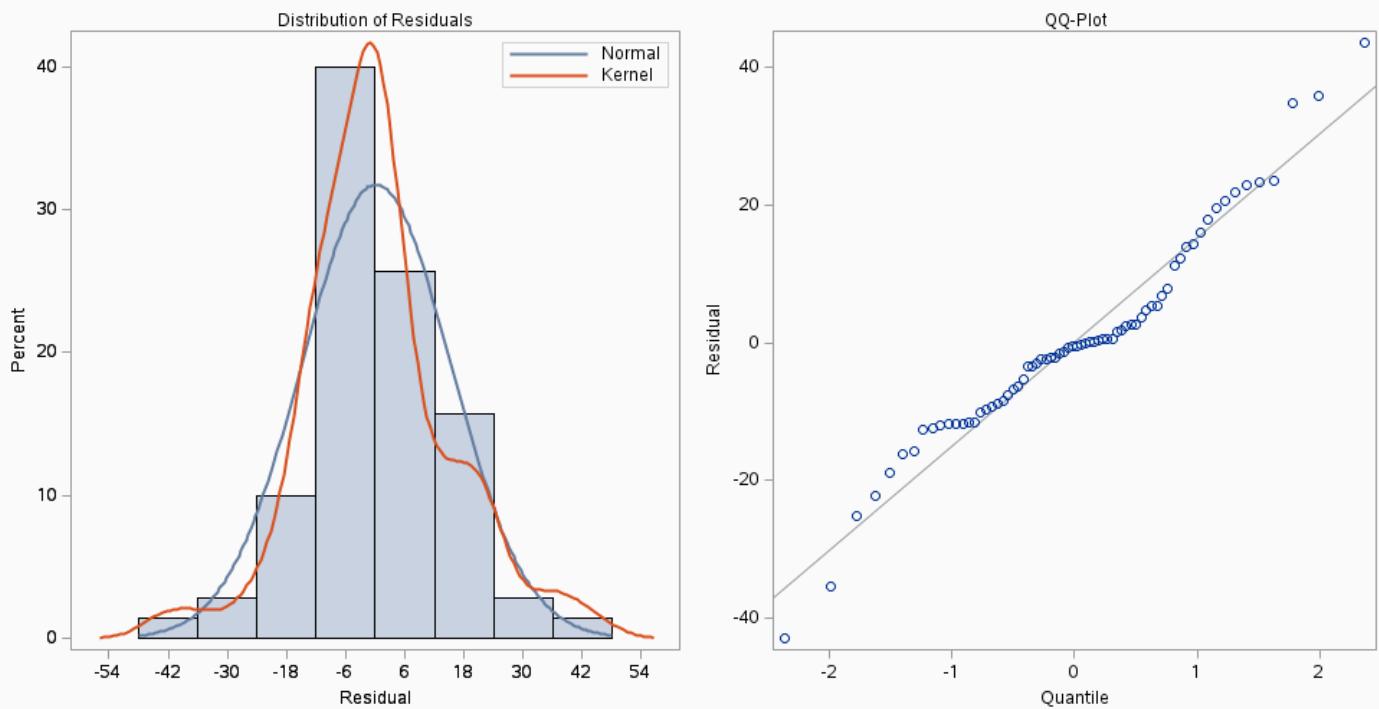
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	-0.751	0.752	-0.727	0.733
MA1,1	-0.751	1.000	-1.000	0.971	-0.947
MA1,2	0.752	-1.000	1.000	-0.972	0.948

Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	-0.727	0.971	-0.972	1.000	-0.991
AR1,2	0.733	-0.947	0.948	-0.991	1.000

Autocorrelation Check of Residuals							
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations			
6	29.55	2	<.0001	0.311	-0.372	-0.303	0.016
12	43.75	8	<.0001	-0.071	-0.231	-0.157	-0.197
18	48.60	14	<.0001	0.193	0.011	-0.122	-0.045
24	62.21	20	<.0001	0.211	0.201	0.030	-0.133

Residual Correlation Diagnostics for Close(2)



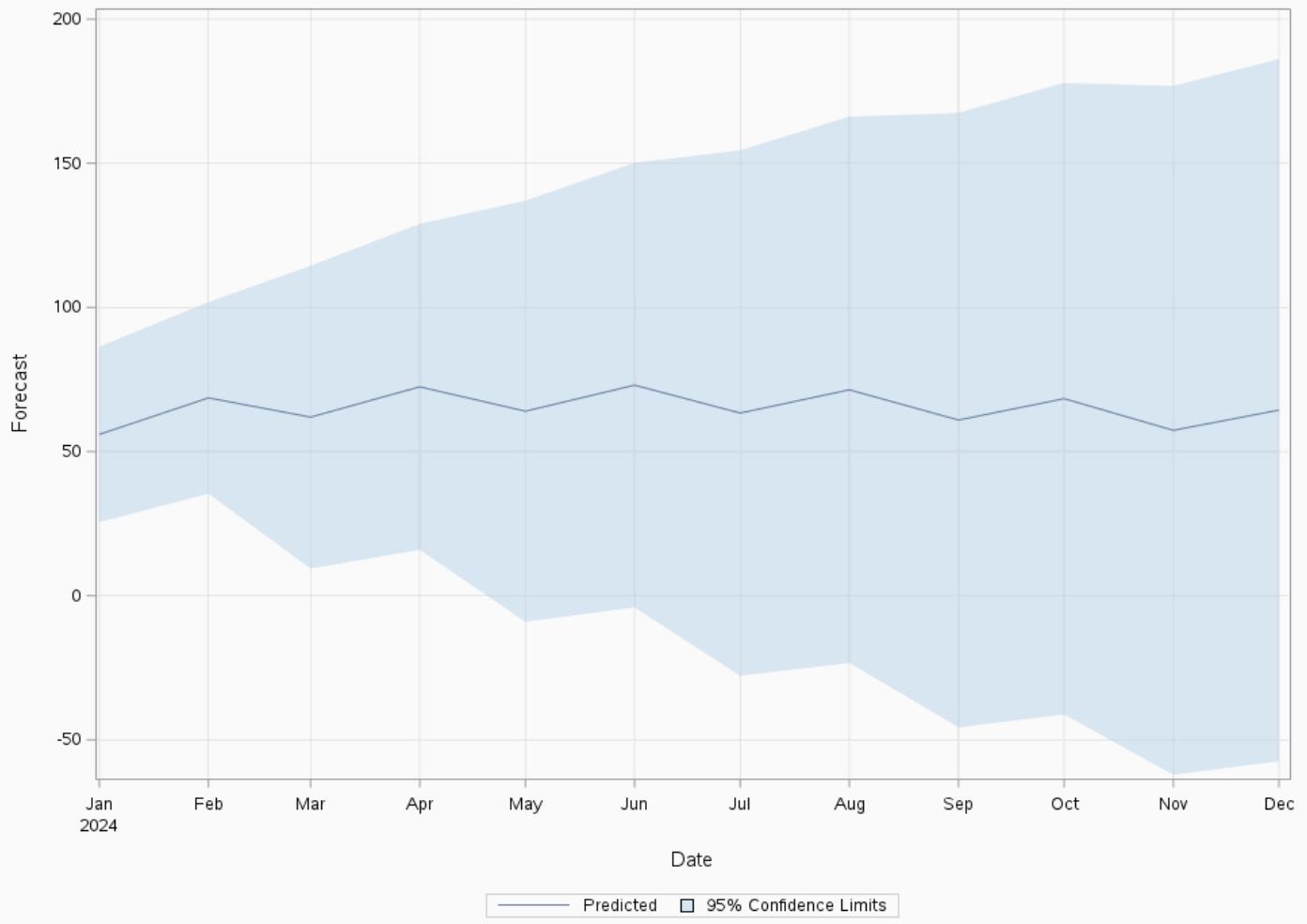
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	-2.39691
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 - 1.79189 B^{**}(1) + 0.80165 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 - 1.35597 B^{**}(1) + 0.35608 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	55.9479	15.5404	25.4893	86.4064
74	68.6205	16.9527	35.3938	101.8472
75	61.9364	26.7986	9.4122	114.4606
76	72.4574	28.8512	15.9102	129.0047
77	63.9877	37.2658	-9.0519	137.0273
78	73.0339	39.3464	-4.0836	150.1514
79	63.3529	46.5040	-27.7932	154.4990
80	71.4108	48.3480	-23.3495	166.1712
81	60.9300	54.3836	-45.6598	167.5198
82	68.3471	55.9029	-41.2206	177.9149
83	57.3591	60.9592	-62.1188	176.8370
84	64.3810	62.1501	-57.4309	186.1930

Forecasts for Close**Historical Closing Price Of The Stock**

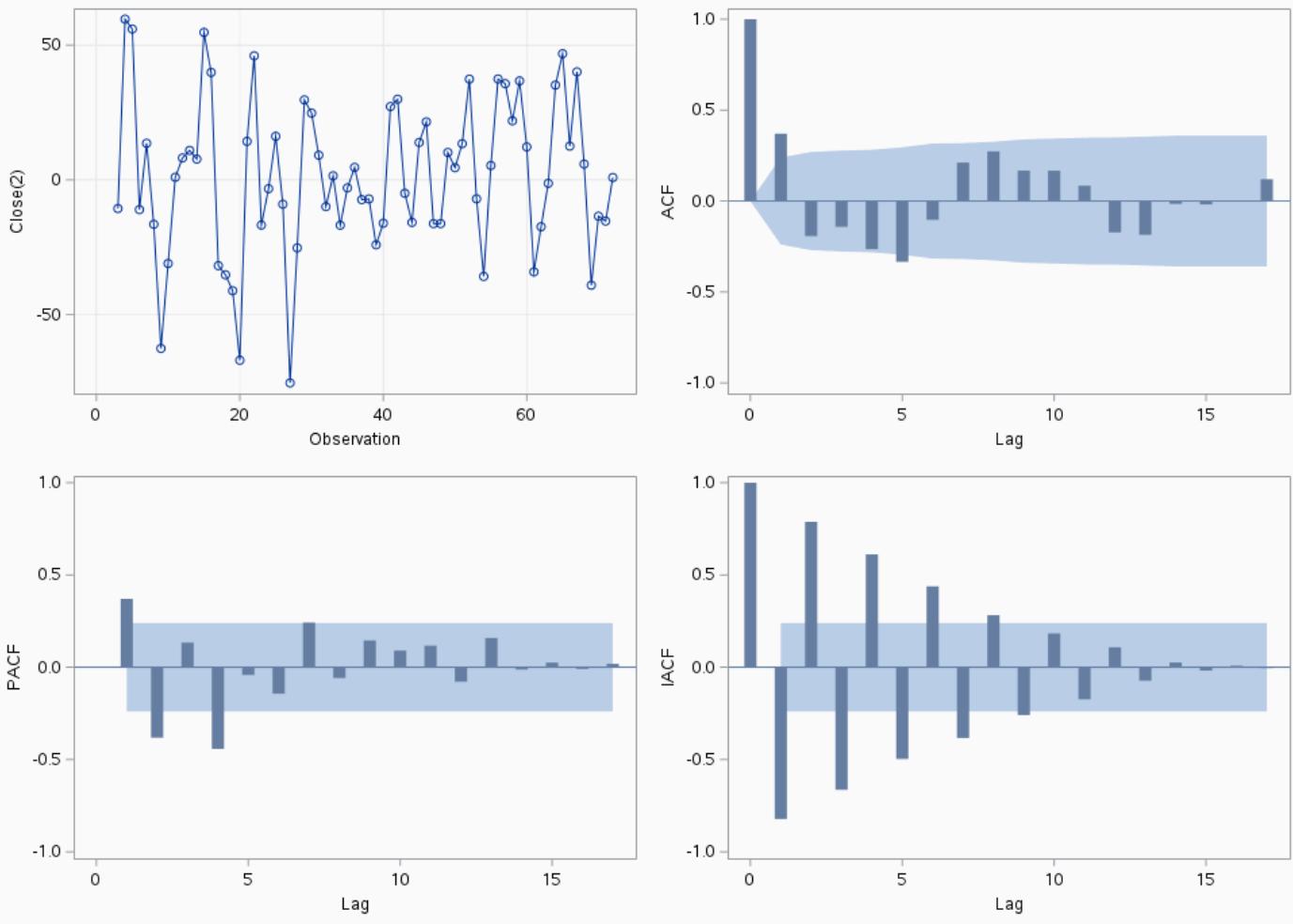
The ARIMA Procedure

Name=TAJGVK

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	1.534286
Standard Deviation	28.53112
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
				-6	-4	-2	0	2	4
6	29.08	6	<.0001	0.370	-0.193	-0.141	-0.264	-0.334	-0.103
12	46.51	12	<.0001	0.211	0.273	0.167	0.167	0.084	-0.172

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	35.44439
Maximum Absolute Value of Gradient	13404.61
R-Square Change from Last Iteration	0.52764
Objective Function	Log Gaussian Likelihood
Objective Function Value	-320.072
Marquardt's Lambda Coefficient	0.00001
Numerical Derivative Perturbation Delta	0.001
Iterations	7
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	1.47006	3.96194	0.37	0.7106	0
MA1,1	-1.18392	11.56400	-0.10	0.9185	1
MA1,2	-0.18401	2.94318	-0.06	0.9501	2
AR1,1	-0.65607	1.78130	-0.37	0.7126	1
AR1,2	-0.0030515	0.80263	-0.00	0.9970	2

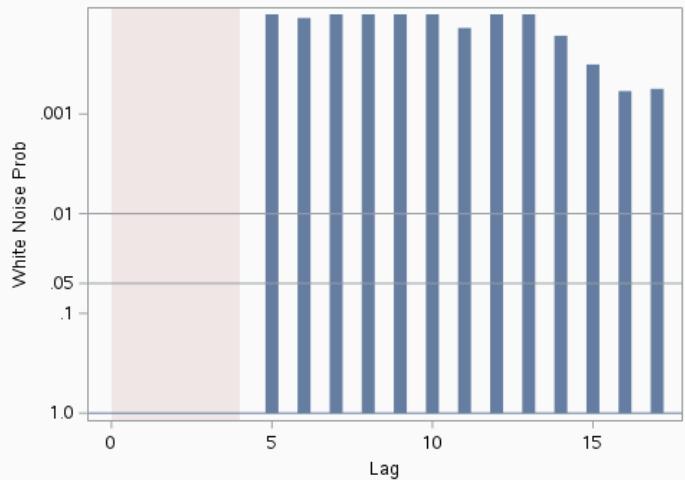
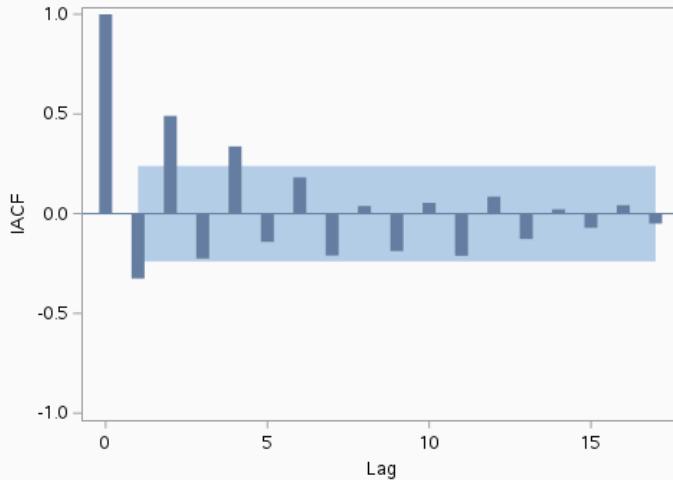
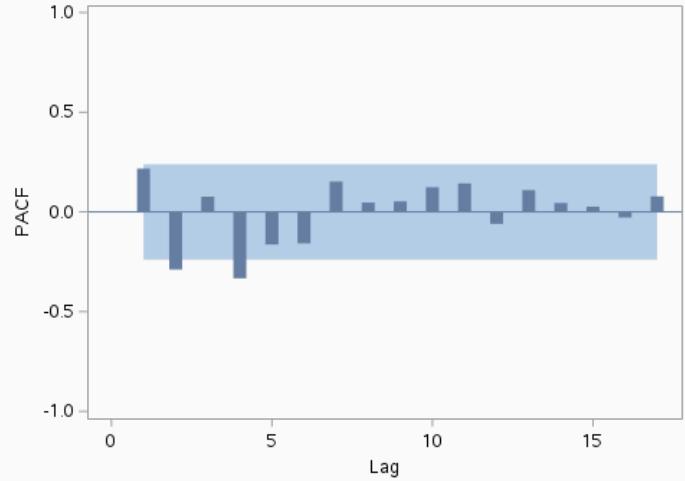
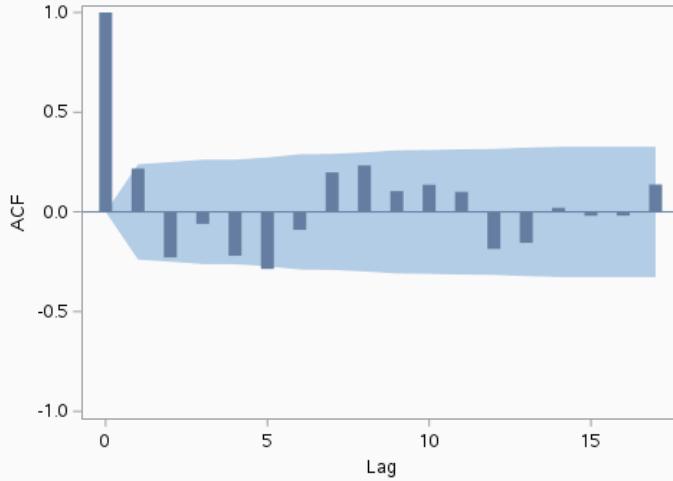
Constant Estimate	2.439013
Variance Estimate	566.4183
Std Error Estimate	23.79954
AIC	650.1432
SBC	661.3857
Number of Residuals	70

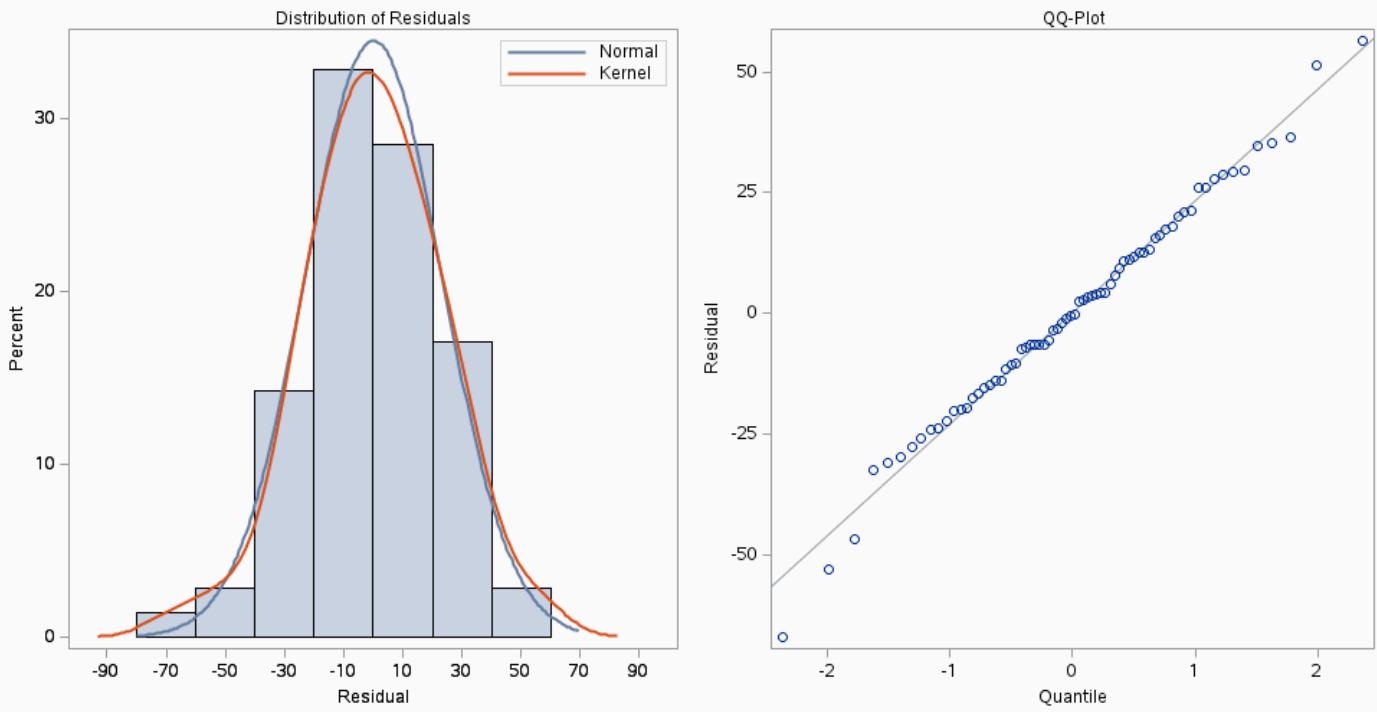
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	-0.003	-0.004	-0.003	-0.004
MA1,1	-0.003	1.000	0.908	0.489	0.336
MA1,2	-0.004	0.908	1.000	0.809	0.694

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	-0.003	0.489	0.809	1.000	0.972
AR1,2	-0.004	0.336	0.694	0.972	1.000

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
				1	2	3	4	5	6
6	18.26	2	0.0001	0.217	-0.228	-0.060	-0.220	-0.286	-0.090
12	32.13	8	<.0001	0.198	0.233	0.104	0.136	0.100	-0.186
18	36.22	14	0.0010	-0.155	0.021	-0.020	-0.019	0.137	0.023
24	38.93	20	0.0068	-0.058	0.017	0.034	-0.101	-0.103	-0.012

Residual Correlation Diagnostics for Close(2)



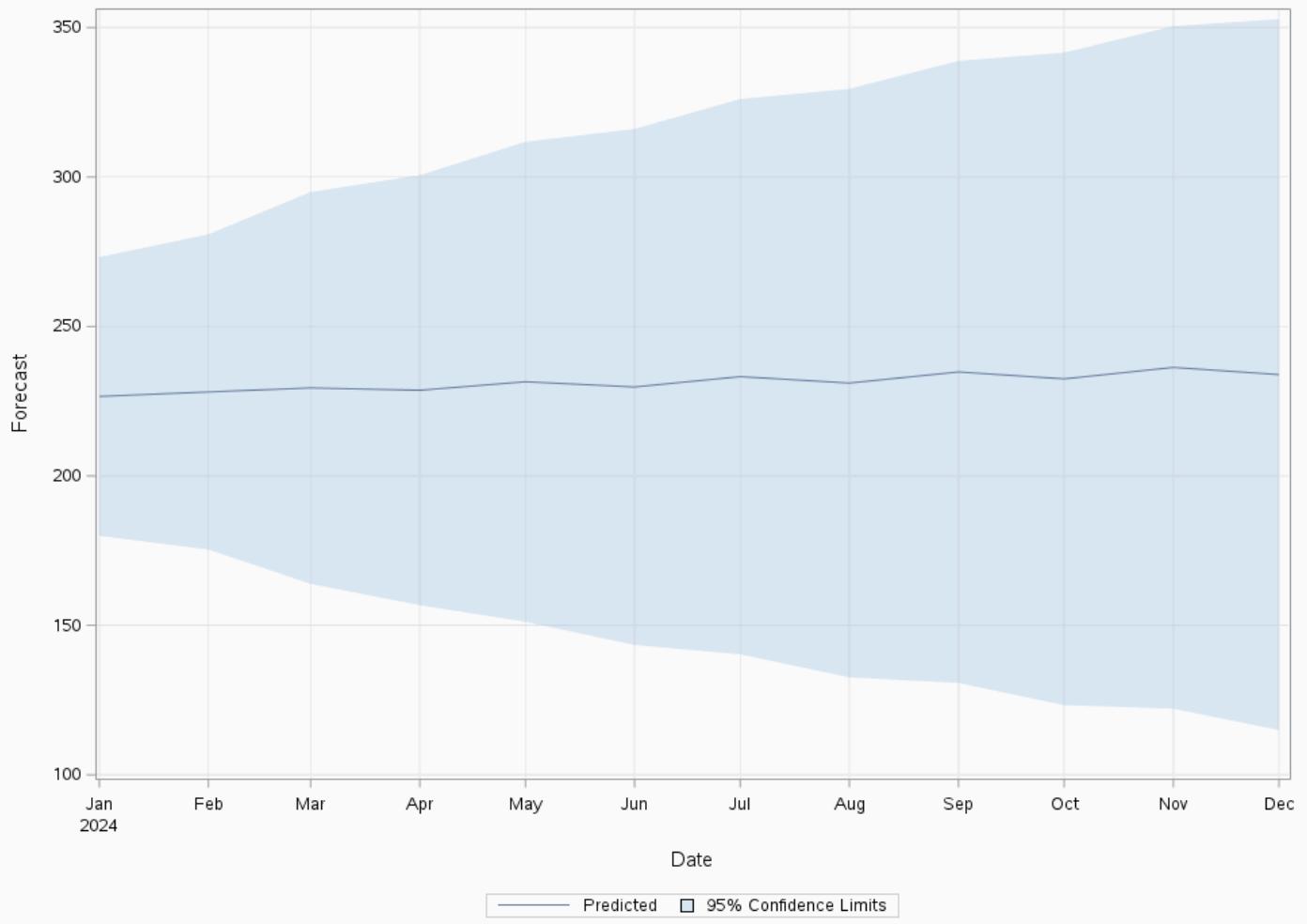
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	1.470062
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 + 0.65607 B^{**}(1) + 0.00305 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 1.18392 B^{**}(1) + 0.18401 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	226.5744	23.7995	179.9282	273.2207
74	228.0902	26.9117	175.3442	280.8361
75	229.4269	33.4489	163.8682	294.9855
76	228.6598	36.7018	156.7255	300.5940
77	231.4835	40.9700	151.1838	311.7832
78	229.7478	44.0512	143.4091	316.0864
79	233.2024	47.4017	140.2969	326.1079
80	231.0557	50.2386	132.5900	329.5215
81	234.7781	53.1034	130.6973	338.8588
82	232.4570	55.7088	123.2697	341.6443
83	236.2929	58.2683	122.0892	350.4967
84	233.8979	60.6752	114.9767	352.8190

Forecasts for Close**Historical Closing Price Of The Stock**

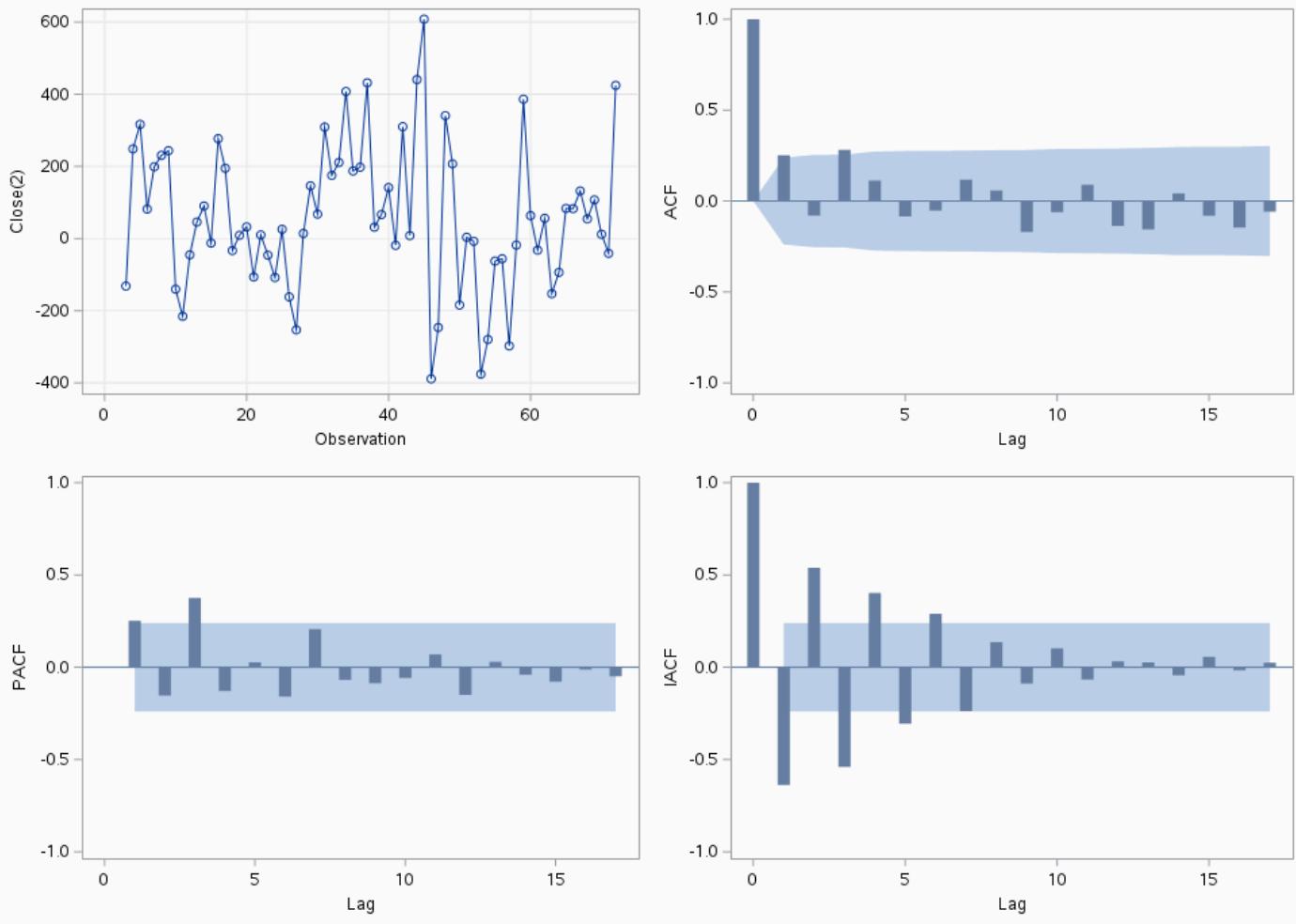
The ARIMA Procedure

Name=TCS

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	60.10428
Standard Deviation	201.5395
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
				-0.080	0.252	0.282	0.112	-0.084	-0.053
6	12.81	6	0.0462						
12	19.19	12	0.0840	0.117	0.058	-0.170	-0.061	0.089	-0.137

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	3.25E-15
Maximum Absolute Value of Gradient	34818.31
R-Square Change from Last Iteration	0.035924
Objective Function	Log Gaussian Likelihood
Objective Function Value	-456.573
Marquardt's Lambda Coefficient	1E12
Numerical Derivative Perturbation Delta	0.001
Iterations	9
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	61.42233	28.48685	2.16	0.0311	0
MA1,1	-1.78047	0.12079	-14.74	<.0001	1
MA1,2	-0.79105	0.11627	-6.80	<.0001	2
AR1,1	-1.10262	0.15864	-6.95	<.0001	1
AR1,2	-0.34812	0.12120	-2.87	0.0041	2

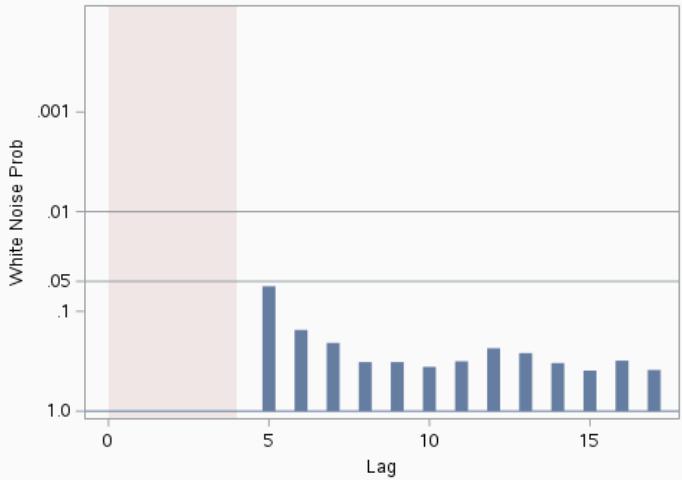
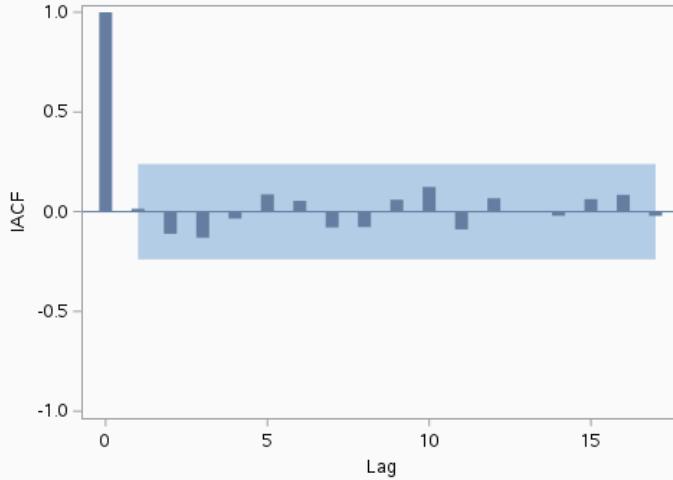
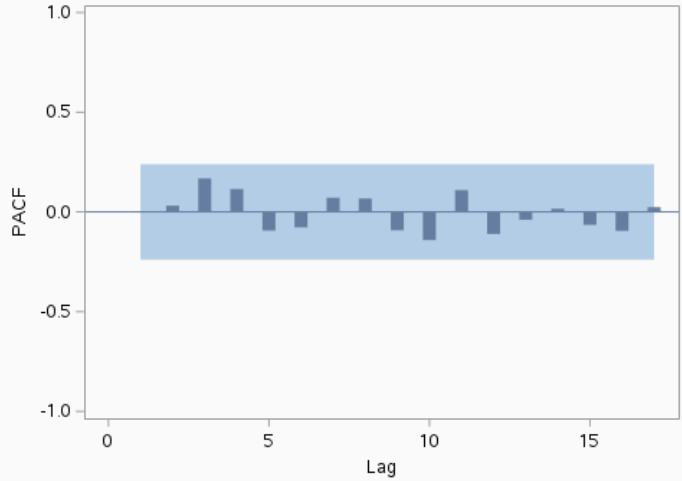
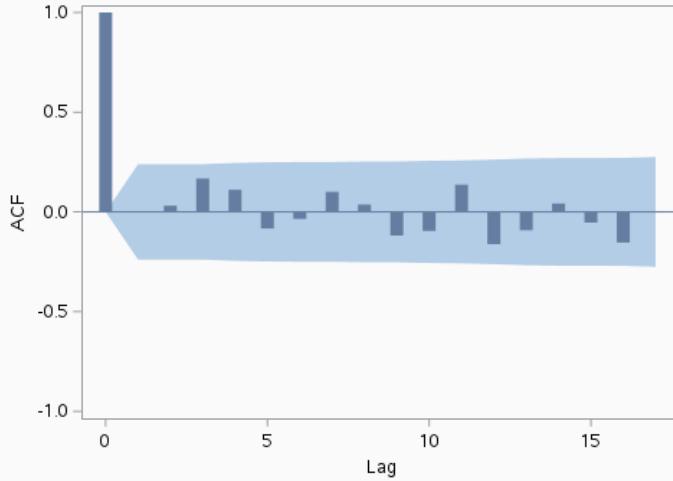
Constant Estimate	150.5302
Variance Estimate	28003.05
Std Error Estimate	167.3411
AIC	923.1458
SBC	934.3883
Number of Residuals	70

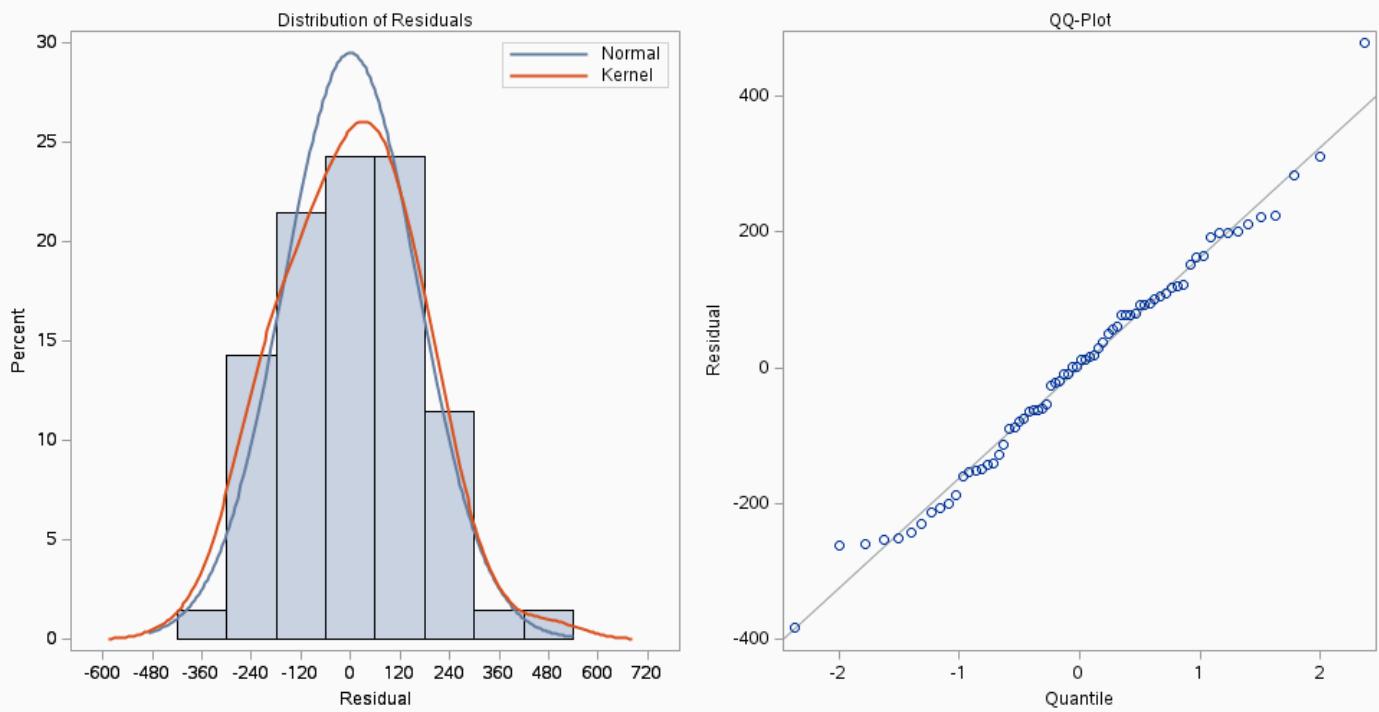
Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	-0.017	-0.018	0.003	0.025
MA1,1	-0.017	1.000	0.994	0.672	-0.078
MA1,2	-0.018	0.994	1.000	0.679	-0.055

Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	0.003	0.672	0.679	1.000	0.538
AR1,2	0.025	-0.078	-0.055	0.538	1.000

Autocorrelation Check of Residuals								
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
6	3.75	2	0.1534	-0.003	0.031	0.167	0.111	-0.083 -0.035
12	10.46	8	0.2343	0.101	0.037	-0.119	-0.095	0.137 -0.162
18	17.82	14	0.2151	-0.092	0.042	-0.054	-0.153	-0.002 -0.203
24	29.58	20	0.0769	-0.240	-0.075	-0.180	-0.121	-0.072 0.021

Residual Correlation Diagnostics for Close(2)



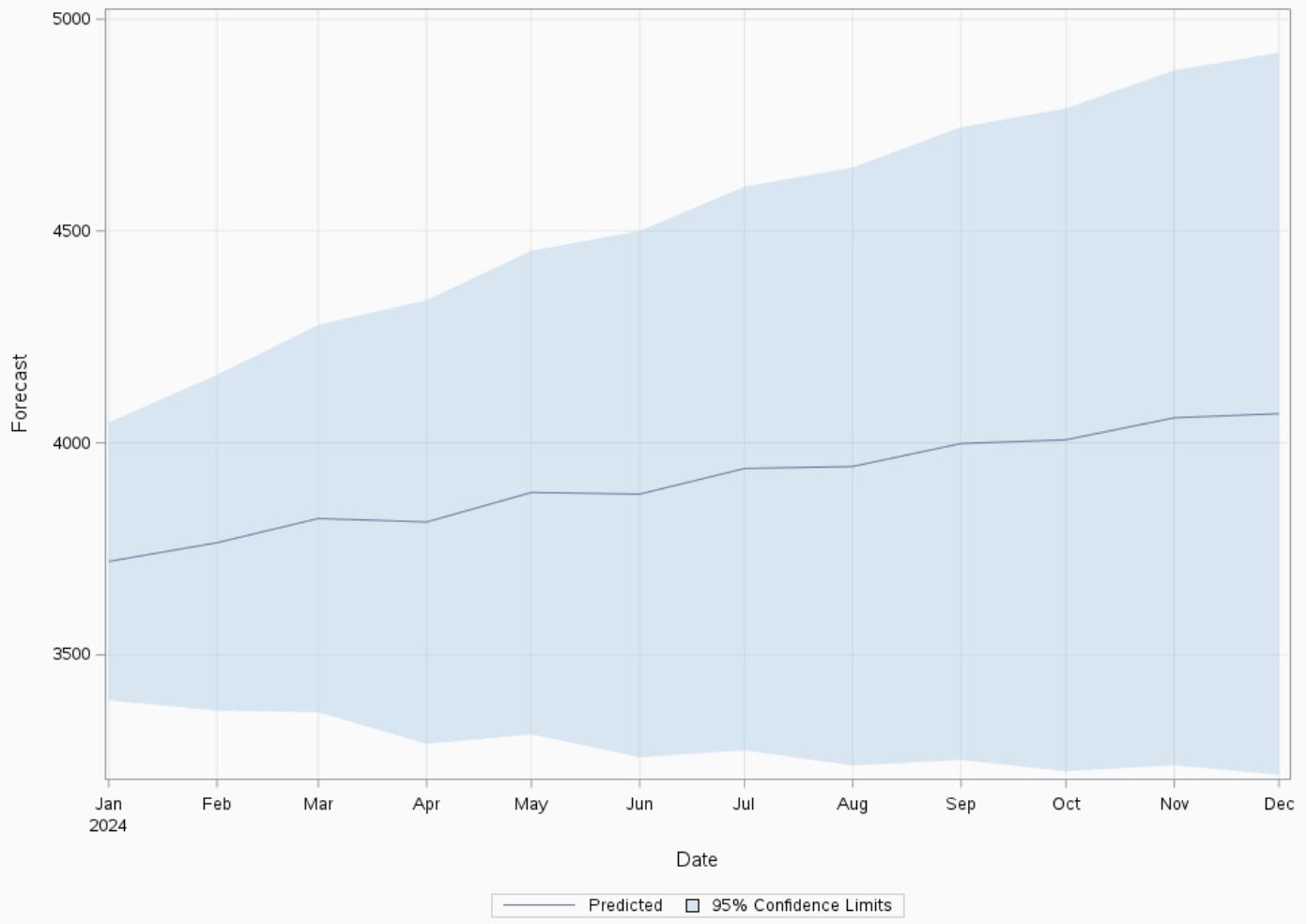
Residual Normality Diagnostics for Close(2)

Model for variable Close	
Estimated Mean	61.42233
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 + 1.10262 B^{**}(1) + 0.34812 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 1.78047 B^{**}(1) + 0.79105 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	3720.3783	167.3411	3392.3958	4048.3609
74	3764.5329	202.1629	3368.3009	4160.7648
75	3821.7039	233.2733	3364.4967	4278.9110
76	3813.3883	267.1119	3289.8587	4336.9180
77	3883.0918	291.1016	3312.5430	4453.6405
78	3879.2234	316.8245	3258.2587	4500.1881
79	3939.6605	339.3403	3274.5658	4604.7552
80	3944.4612	360.0638	3238.7491	4650.1734
81	3998.5654	381.0319	3251.7565	4745.3742
82	4007.3312	399.0588	3225.1902	4789.4721
83	4059.2679	418.3476	3239.3217	4879.2142
84	4069.0432	434.7285	3216.9909	4921.0954

Forecasts for Close**Historical Closing Price Of The Stock**

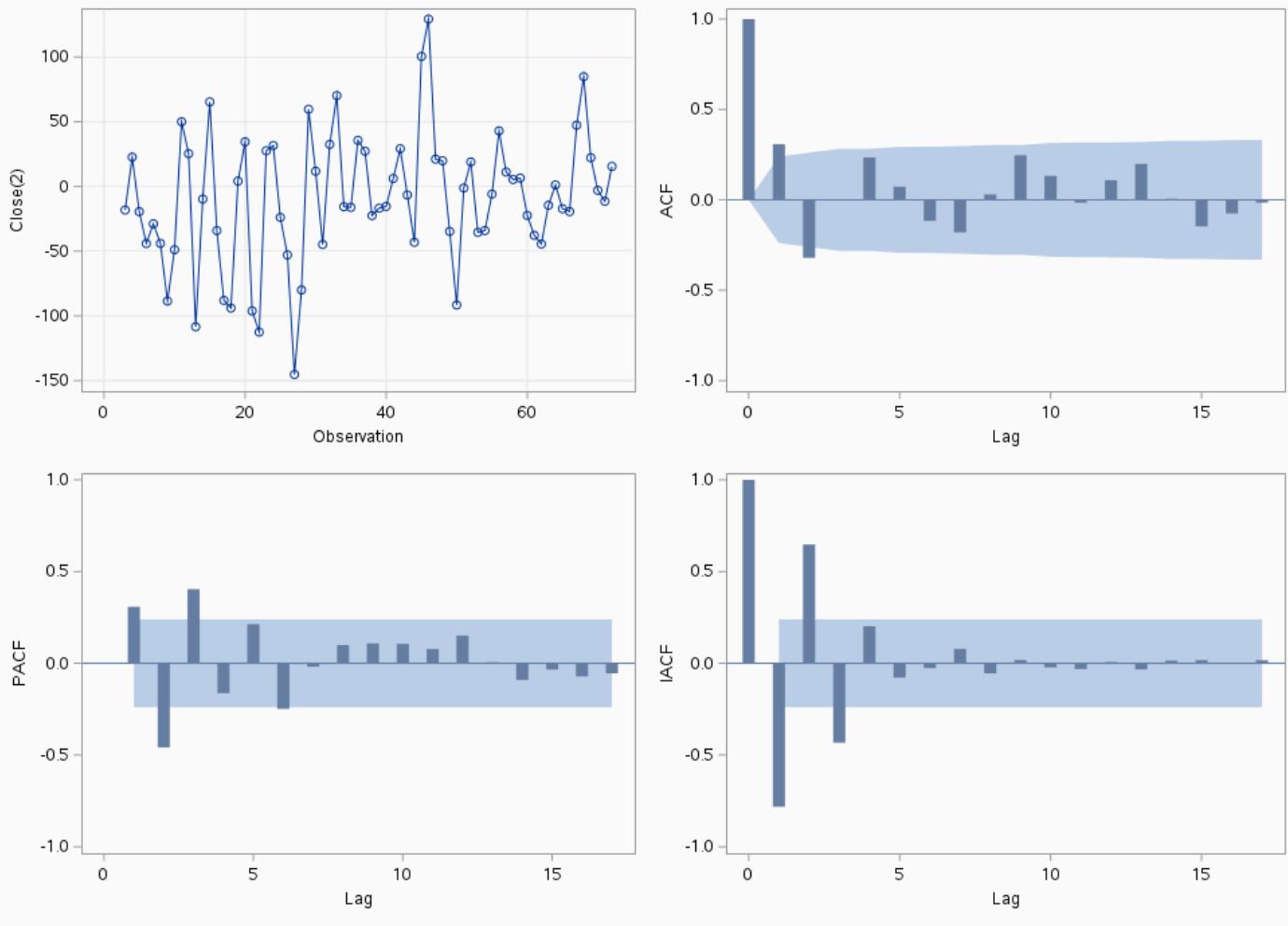
The ARIMA Procedure

Name=ZEEL

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	-9.01786
Standard Deviation	50.47774
Number of Observations	70
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
				0.308	-0.320	0.004	0.234	0.073
6	20.19	6	0.0026					-0.116
12	30.38	12	0.0024	-0.179	0.030	0.247	0.133	-0.016

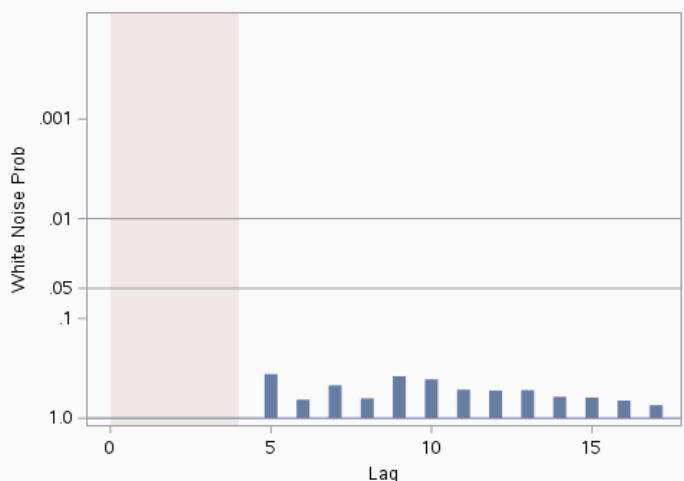
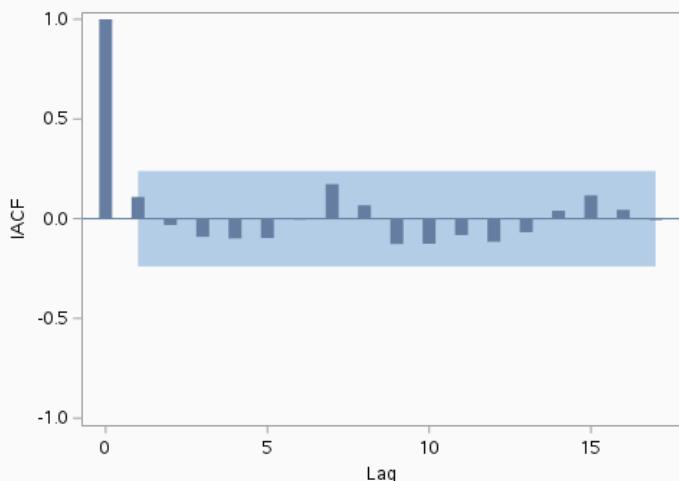
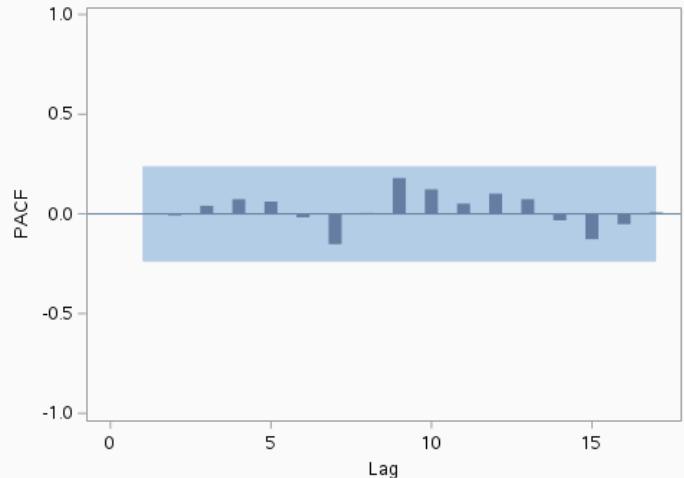
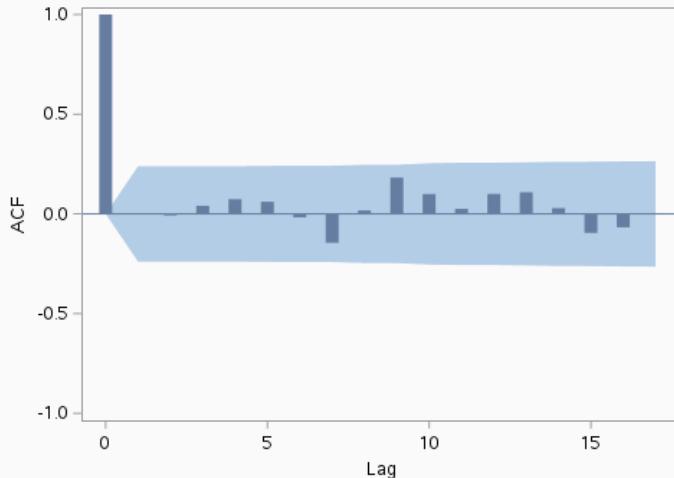
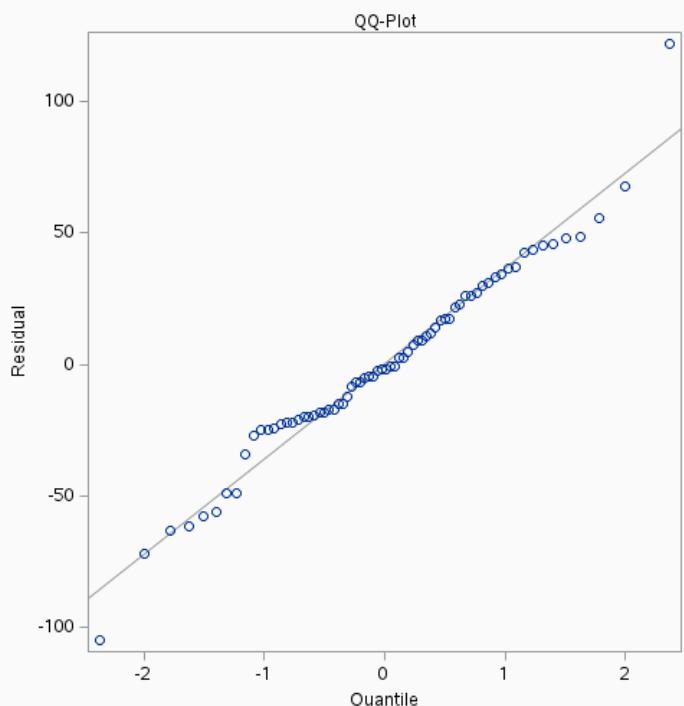
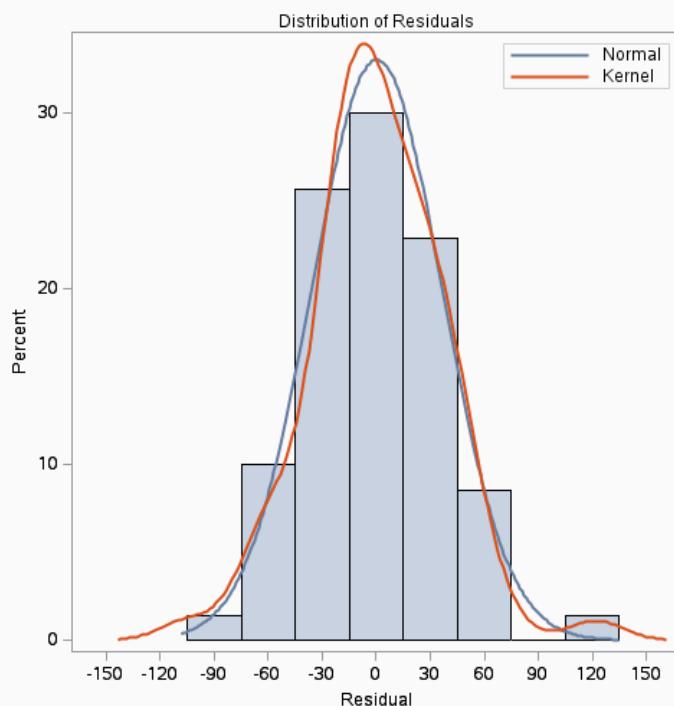
Trend and Correlation Analysis for Close(2)

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	-9.01205	6.55100	-1.38	0.1689	0
MA1,1	-1.23052	0.28581	-4.31	<.0001	1
MA1,2	-0.40267	0.25985	-1.55	0.1212	2
AR1,1	-0.36149	0.26833	-1.35	0.1779	1
AR1,2	-0.40332	0.12624	-3.19	0.0014	2

Constant Estimate	-15.9046
Variance Estimate	1391.138
Std Error Estimate	37.29796
AIC	712.0305
SBC	723.273
Number of Residuals	70

Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	-0.013	-0.012	-0.010	0.001
MA1,1	-0.013	1.000	0.970	0.903	-0.204
MA1,2	-0.012	0.970	1.000	0.897	-0.100
AR1,1	-0.010	0.903	0.897	1.000	-0.061
AR1,2	0.001	-0.204	-0.100	-0.061	1.000

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
				6	12	18	24	0.040	0.074
6	0.85	2	0.6534	0.001	-0.008	0.040	0.074	0.061	-0.017
12	7.05	8	0.5308	-0.145	0.017	0.182	0.099	0.025	0.100
18	10.43	14	0.7303	0.109	0.029	-0.095	-0.066	0.001	-0.103
24	20.26	20	0.4419	-0.056	-0.118	0.011	0.220	0.039	-0.161

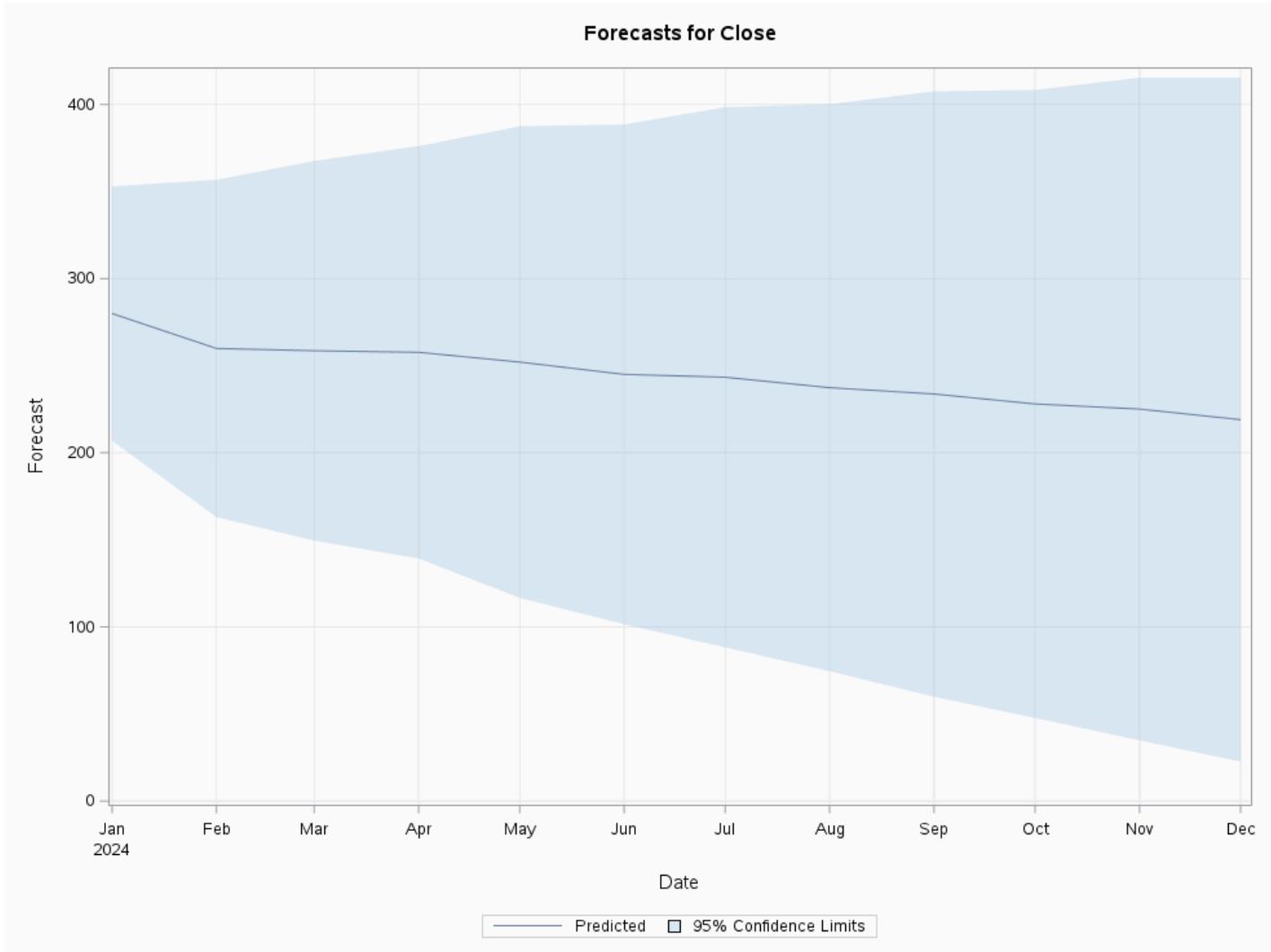
Residual Correlation Diagnostics for Close(2)**Residual Normality Diagnostics for Close(2)**

Model for variable Close	
Estimated Mean	-9.01205
Period(s) of Differencing	2

Autoregressive Factors	
Factor 1:	$1 + 0.36149 B^{**}(1) + 0.40332 B^{**}(2)$

Moving Average Factors	
Factor 1:	$1 + 1.23052 B^{**}(1) + 0.40267 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
73	279.9354	37.2980	206.8328	353.0381
74	259.8847	49.4138	163.0354	356.7340
75	258.5633	55.6316	149.5274	367.5992
76	257.6813	60.4244	139.2517	376.1109
77	252.0750	69.0815	116.6778	387.4722
78	245.0109	73.2240	101.4945	388.5273
79	243.3676	79.1446	88.2470	398.4882
80	237.3642	83.0736	74.5430	400.1854
81	233.7391	88.6960	59.8981	407.5801
82	228.0243	92.0122	47.6838	408.3649
83	225.0942	97.0728	34.8350	415.3534
84	219.0118	100.2007	22.6221	415.4015



Historical Closing Price Of The Stock

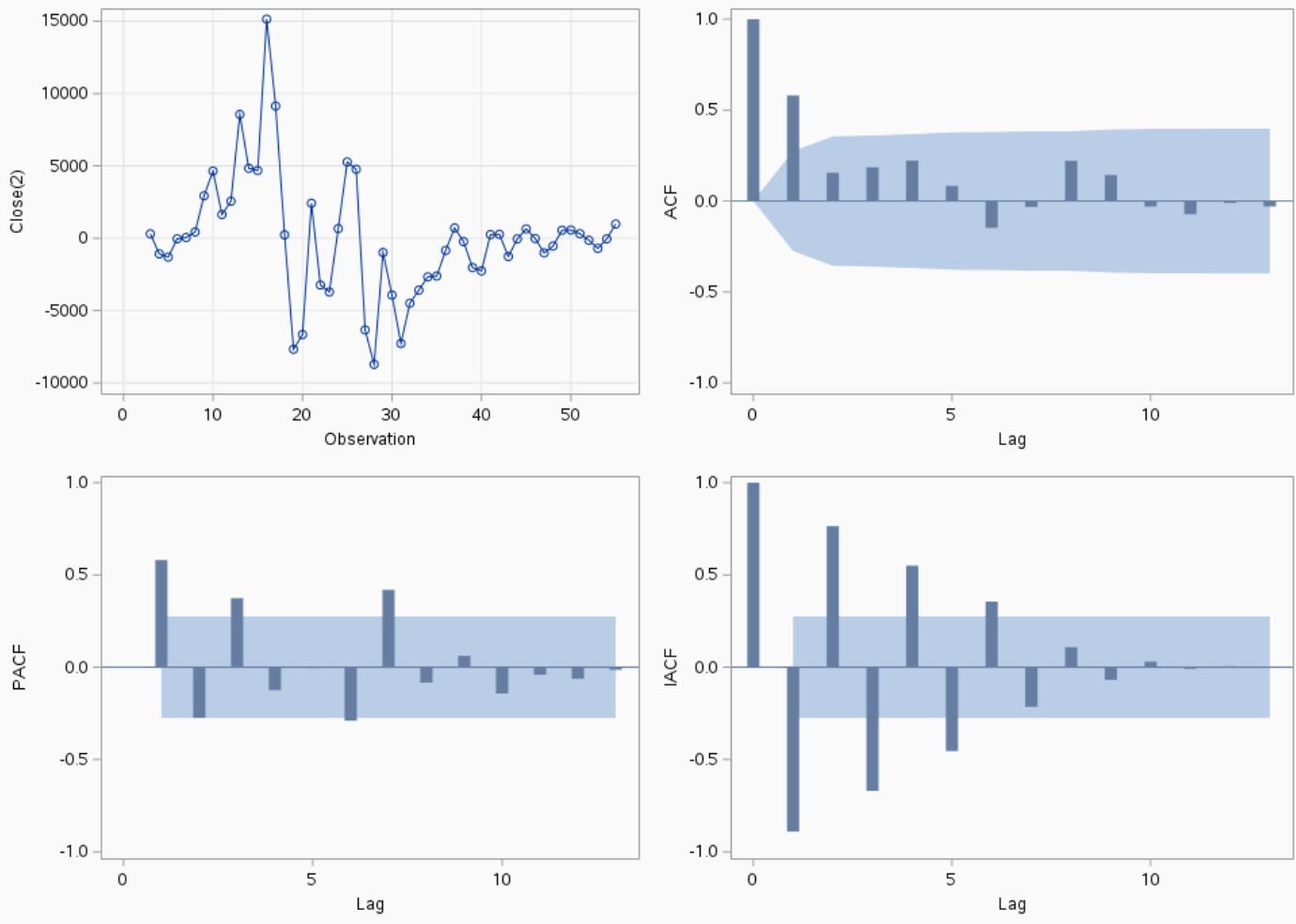
The ARIMA Procedure

Name=ZOOM

Name of Variable = Close	
Period(s) of Differencing	2
Mean of Working Series	-17.1737
Standard Deviation	4135.946
Number of Observations	53
Observation(s) eliminated by differencing	2

Autocorrelation Check for White Noise

To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations				
				0.6	0.155	0.185	0.222	0.083
6	26.97	6	0.0001	0.581	0.155	0.185	0.222	0.083
12	32.00	12	0.0014	-0.033	0.221	0.143	-0.030	-0.072

Trend and Correlation Analysis for Close(2)

ARIMA Estimation Optimization Summary	
Estimation Method	Maximum Likelihood
Parameters Estimated	5
Termination Criteria	Maximum Relative Change in Estimates
Iteration Stopping Value	0.001
Criteria Value	58.91408
Maximum Absolute Value of Gradient	68268903
R-Square Change from Last Iteration	0.236599
Objective Function	Log Gaussian Likelihood
Objective Function Value	-495.785
Marquardt's Lambda Coefficient	0.00001
Numerical Derivative Perturbation Delta	0.001
Iterations	4
Warning Message	Estimates may not have converged.

Maximum Likelihood Estimation					
Parameter	Estimate	Standard Error	t Value	Approx Pr > t	Lag
MU	90.27015	1251.2	0.07	0.9425	0
MA1,1	-0.37364	16.83900	-0.02	0.9823	1
MA1,2	0.62618	10.47161	0.06	0.9523	2
AR1,1	0.68011	0.44657	1.52	0.1278	1
AR1,2	0.10826	0.18609	0.58	0.5607	2

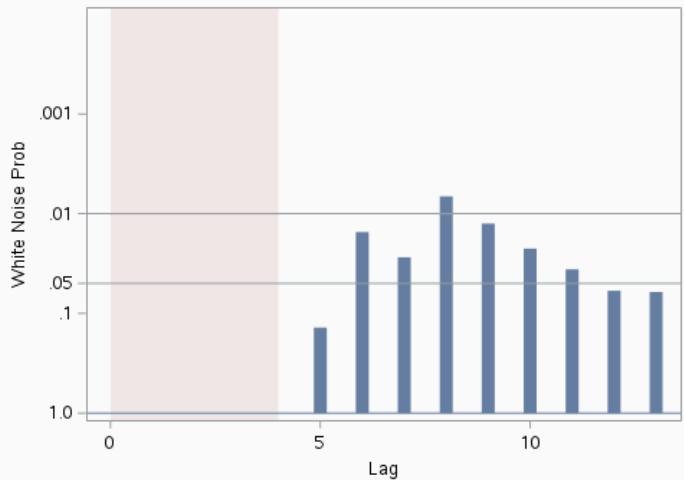
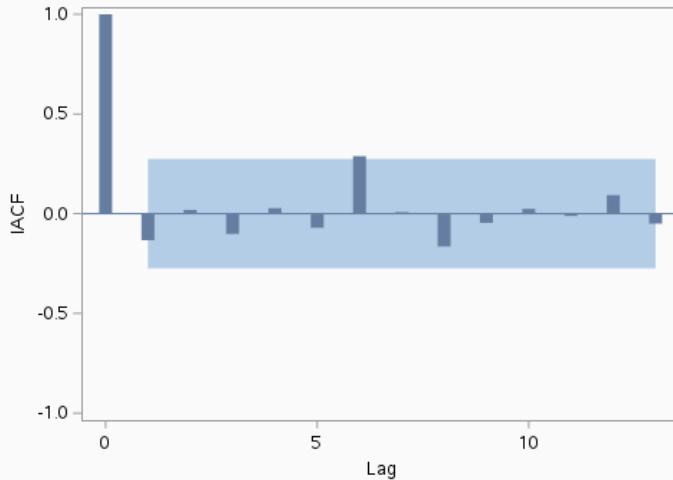
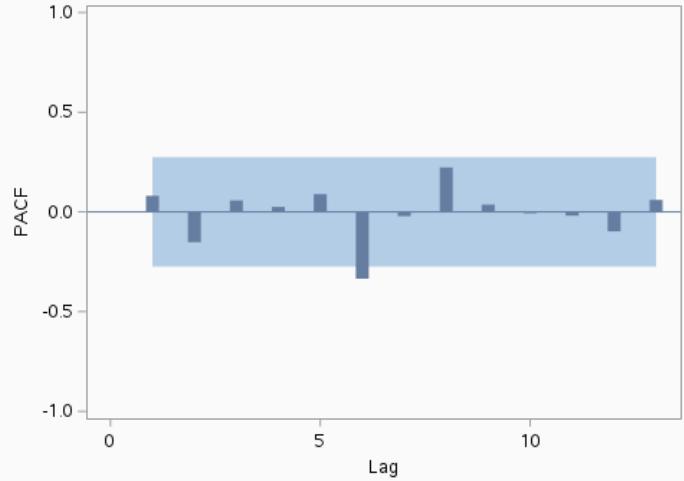
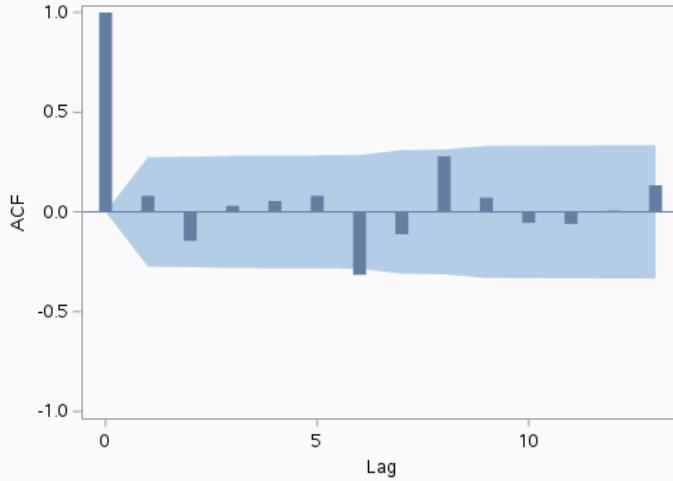
Constant Estimate	19.10454
Variance Estimate	7990153
Std Error Estimate	2826.686
AIC	1001.571
SBC	1011.422
Number of Residuals	53

Correlations of Parameter Estimates					
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
MU	1.000	-0.016	0.017	0.022	0.003
MA1,1	-0.016	1.000	-0.998	0.245	-0.328
MA1,2	0.017	-0.998	1.000	-0.186	0.292

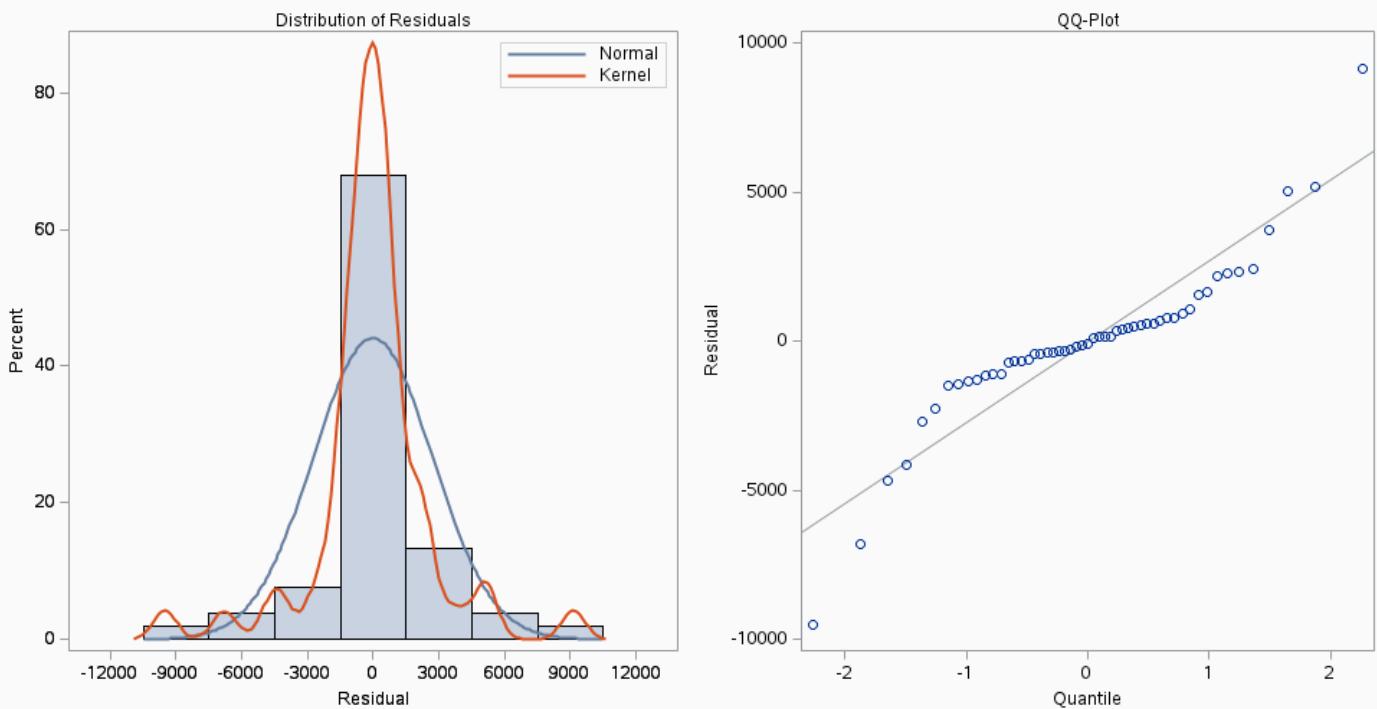
Parameter	MU	MA1,1	MA1,2	AR1,1	AR1,2
AR1,1	0.022	0.245	-0.186	1.000	-0.777
AR1,2	0.003	-0.328	0.292	-0.777	1.000

Autocorrelation Check of Residuals									
To Lag	Chi-Square	DF	Pr > ChiSq	Autocorrelations					
6	8.36	2	0.0153	0.081	-0.145	0.030	0.054	0.081	-0.315
12	14.99	8	0.0593	-0.111	0.279	0.072	-0.054	-0.059	0.008
18	23.11	14	0.0584	0.135	-0.206	-0.087	0.063	-0.104	-0.150
24	24.10	20	0.2380	-0.048	0.045	-0.002	-0.079	-0.001	-0.011

Residual Correlation Diagnostics for Close(2)



Residual Normality Diagnostics for Close(2)

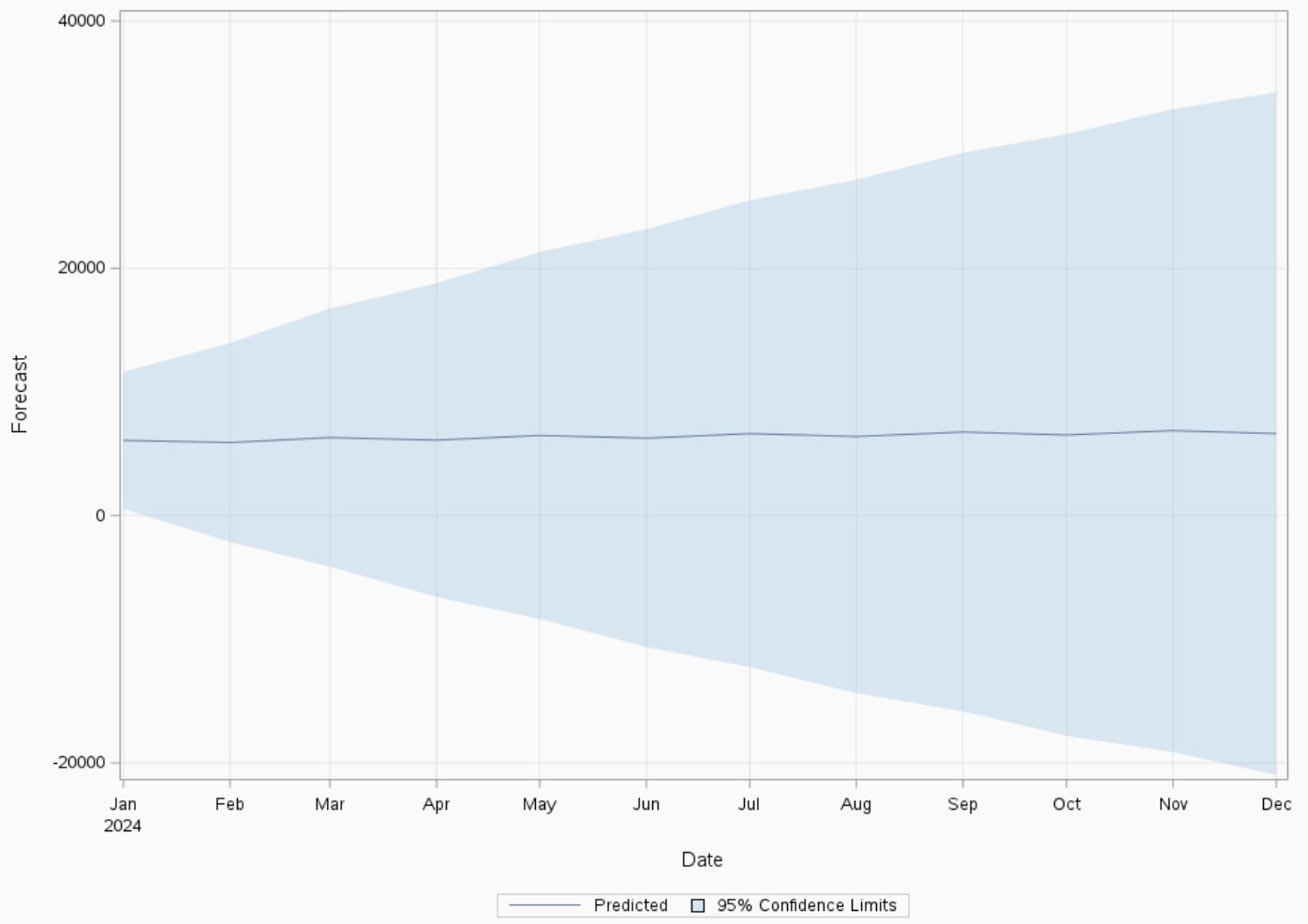


Model for variable Close	
Estimated Mean	90.27015
Period(s) of Differencing	2

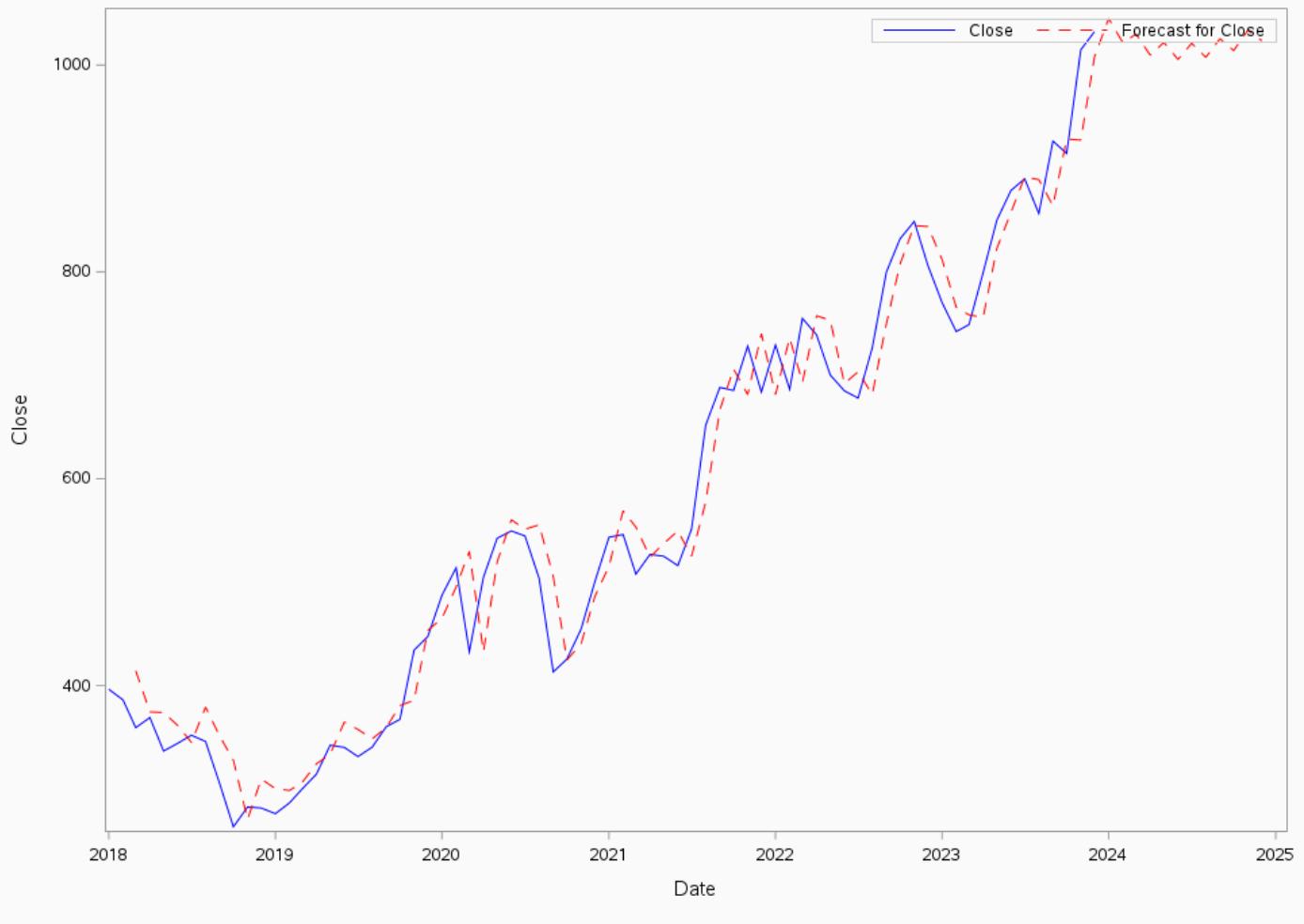
Autoregressive Factors	
Factor 1:	$1 - 0.68011 B^{**}(1) - 0.10826 B^{**}(2)$

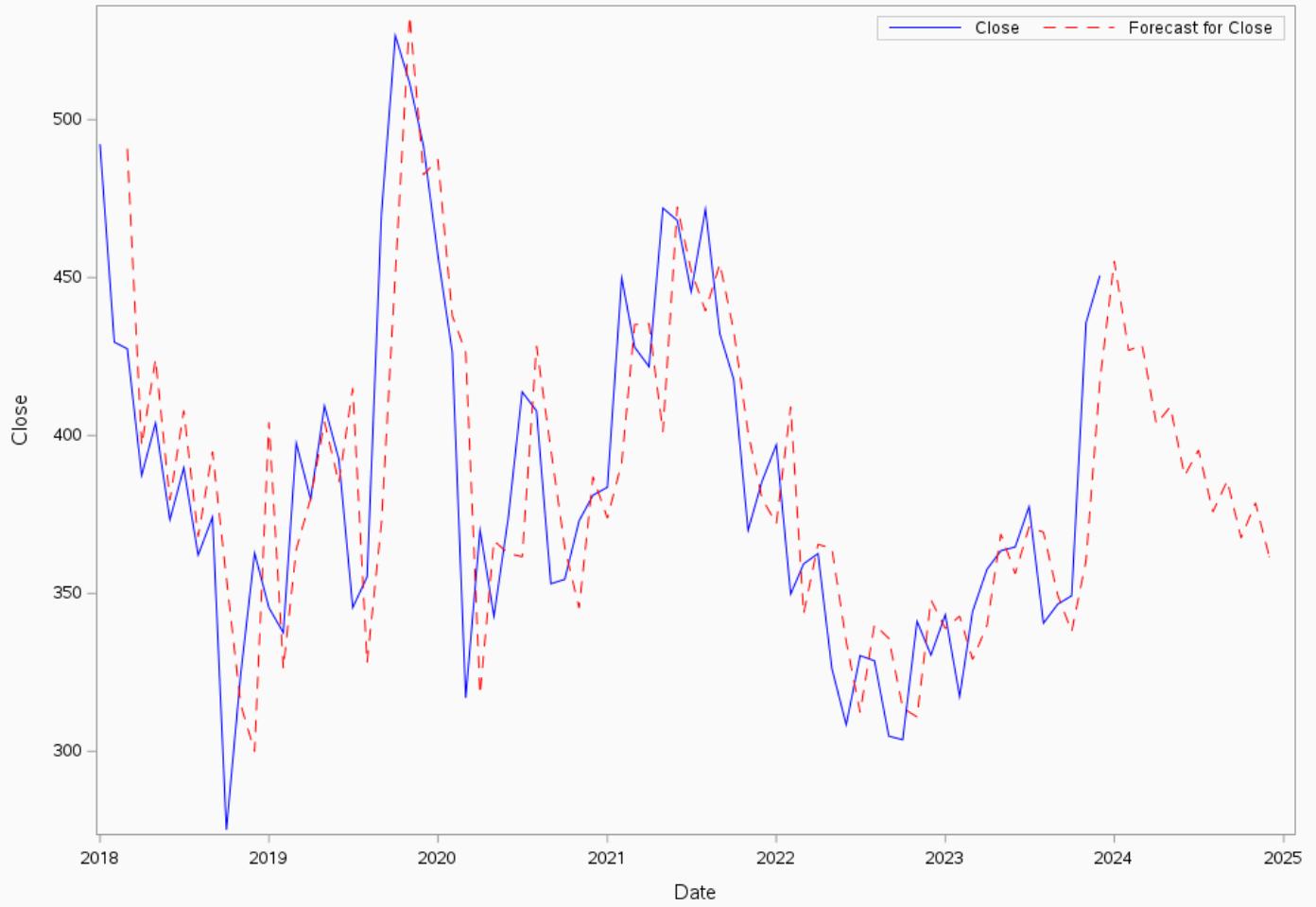
Moving Average Factors	
Factor 1:	$1 + 0.37364 B^{**}(1) - 0.62618 B^{**}(2)$

Forecasts for variable Close				
Obs	Forecast	Std Error	95% Confidence Limits	
56	6080.4620	2826.6859	540.2594	11620.6646
57	5909.0093	4106.3726	-2139.3331	13957.3516
58	6306.3811	5323.9060	-4128.2829	16741.0452
59	6102.6358	6473.7531	-6585.6870	18790.9587
60	6481.6295	7572.4524	-8360.1046	21323.3635
61	6261.8892	8623.8743	-10640.5938	23164.3721
62	6628.0150	9631.3322	-12249.0493	25505.0792
63	6397.7916	10596.933	-14371.8146	27167.3977
64	6755.3948	11523.282	-15829.8231	29340.6126
65	6518.2402	12412.419	-17809.6533	30846.1338
66	6870.2069	13266.881	-19132.4025	32872.8162
67	6628.4685	14088.669	-20984.8157	34241.7527

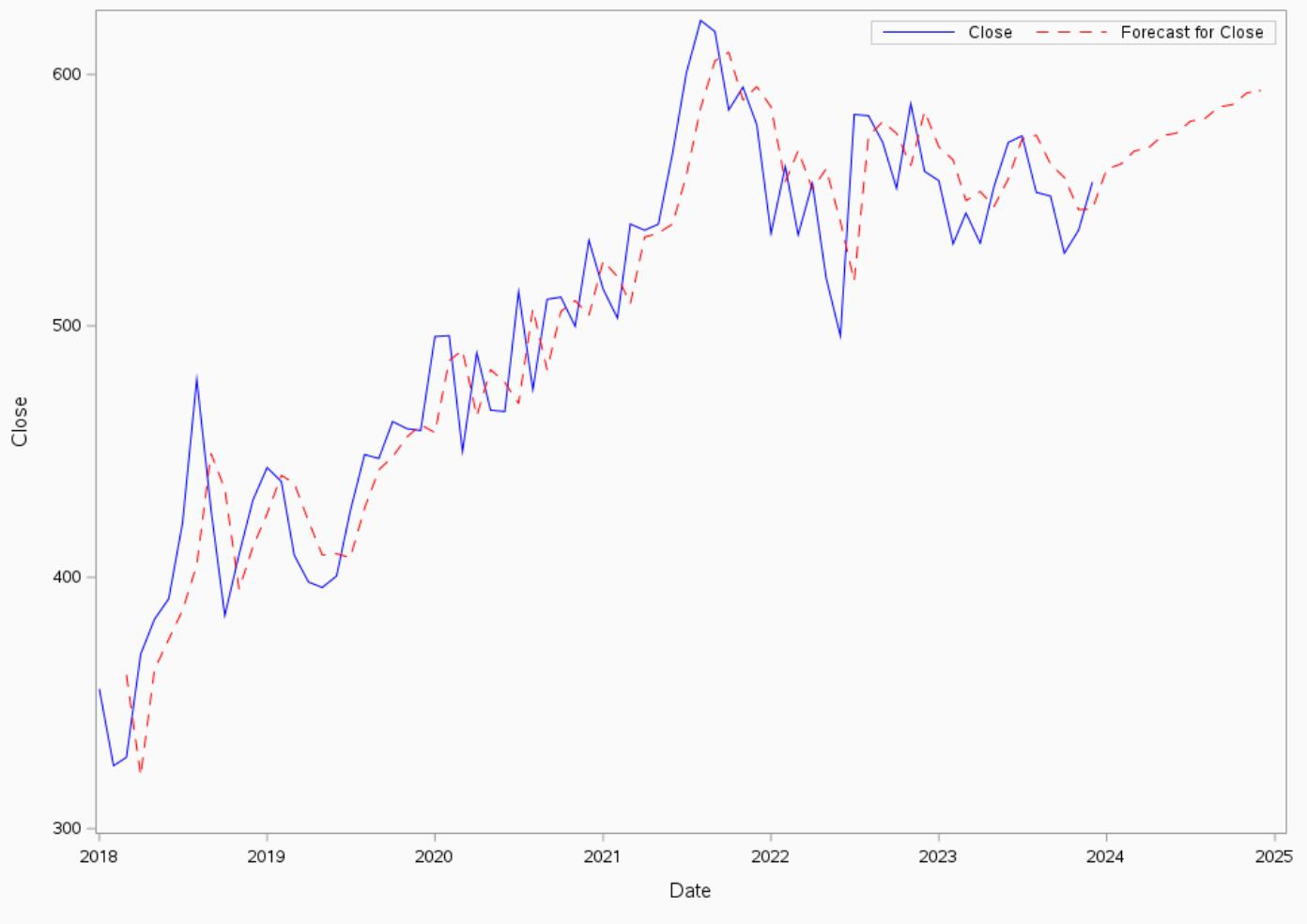
Forecasts for Close

**Historical Prices with Forecasted Values
Name=APOLLO**

**Historical Prices with Forecasted Values
Name=Airtel**

**Historical Prices with Forecasted Values
Name=BPCL**

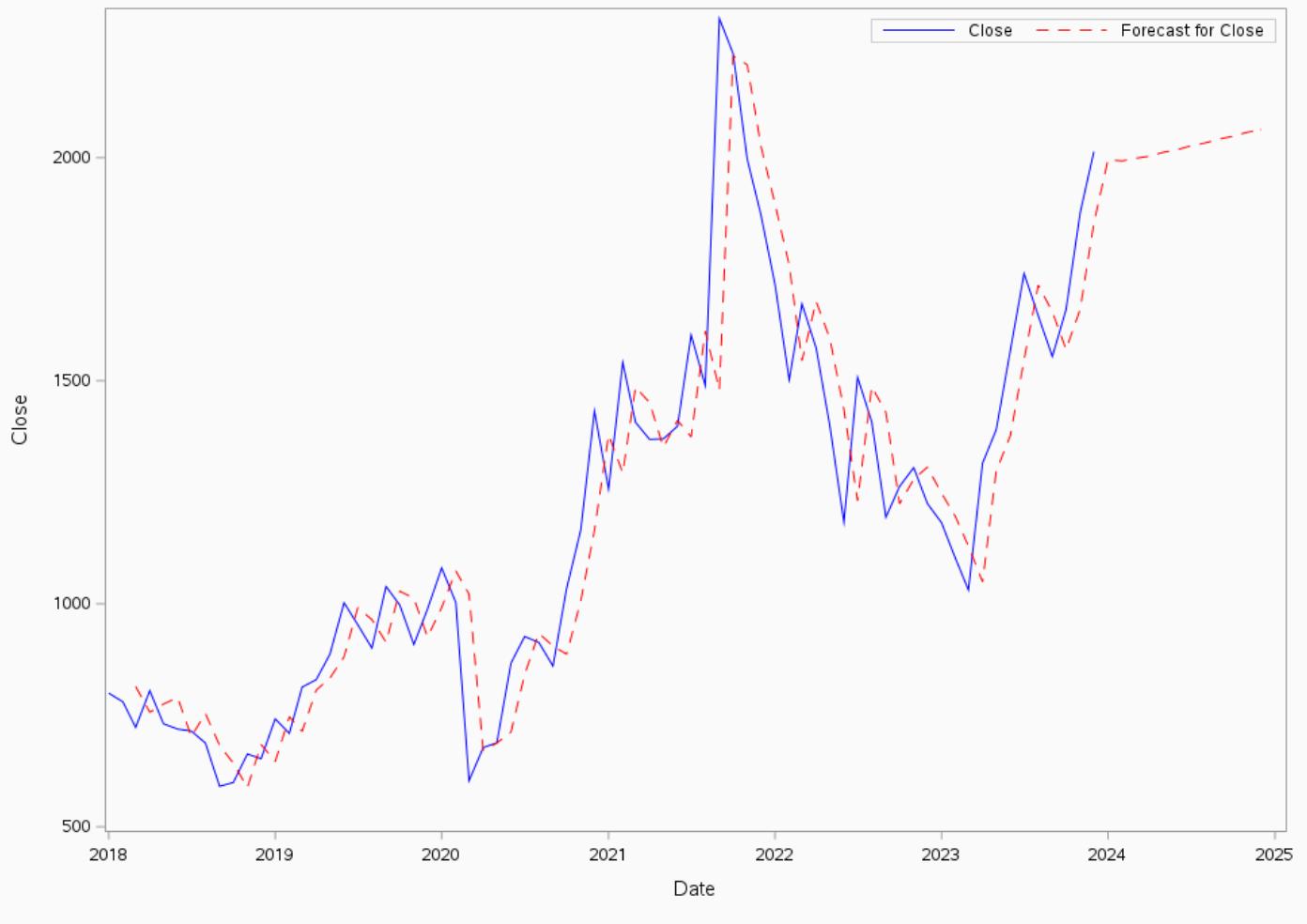
**Historical Prices with Forecasted Values
Name=CIPLA**

**Historical Prices with Forecasted Values
Name=DABUR**

**Historical Prices with Forecasted Values
Name=DMART**

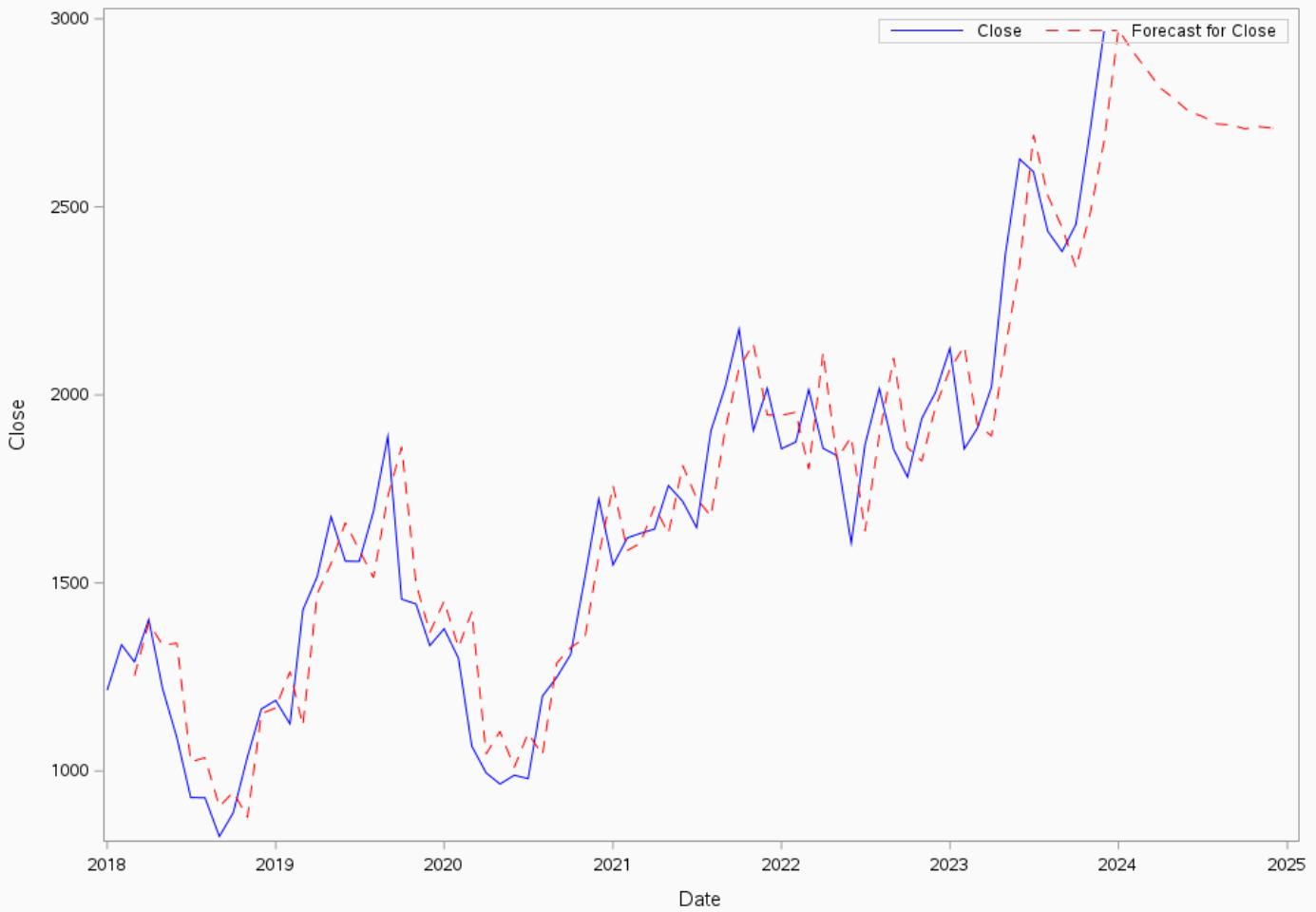
Historical Prices with Forecasted Values
Name=DRREDD

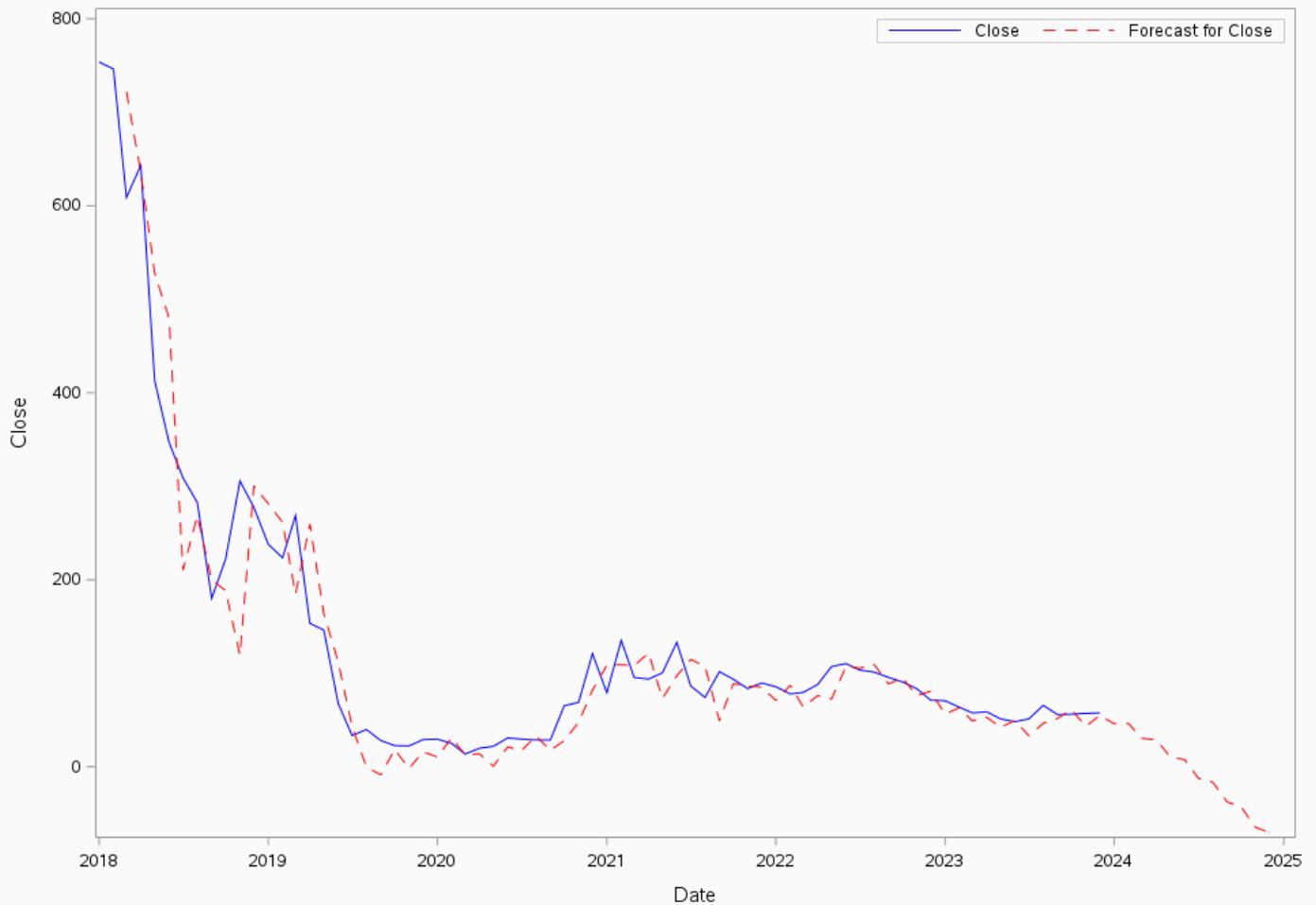
**Historical Prices with Forecasted Values
Name=EXPEDI**

**Historical Prices with Forecasted Values
Name=GODREJ**

**Historical Prices with Forecasted Values
Name=HCLTEC**

**Historical Prices with Forecasted Values
Name=INDIAN**

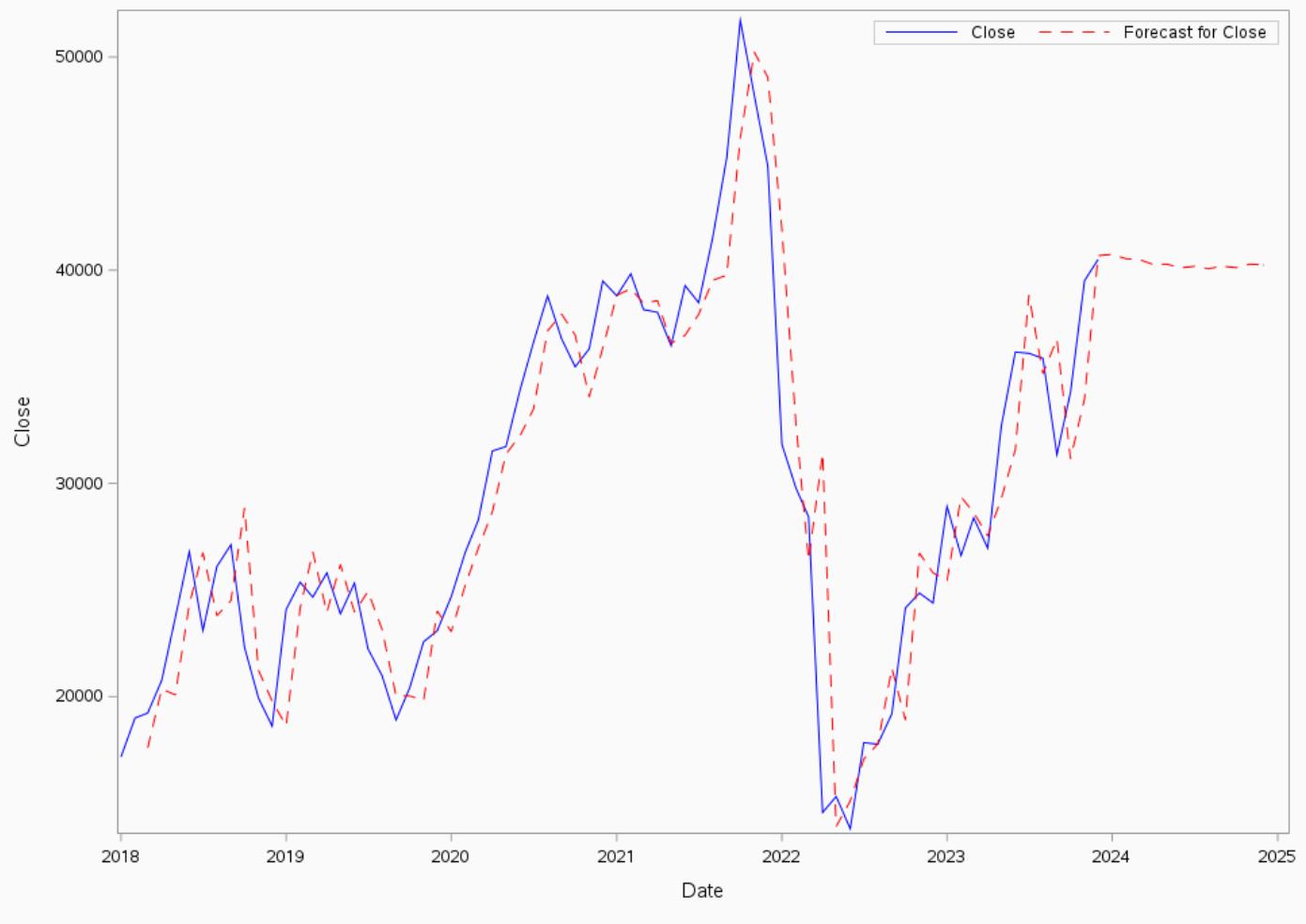
**Historical Prices with Forecasted Values
Name=INDIGO**

**Historical Prices with Forecasted Values
Name=JETAIR**

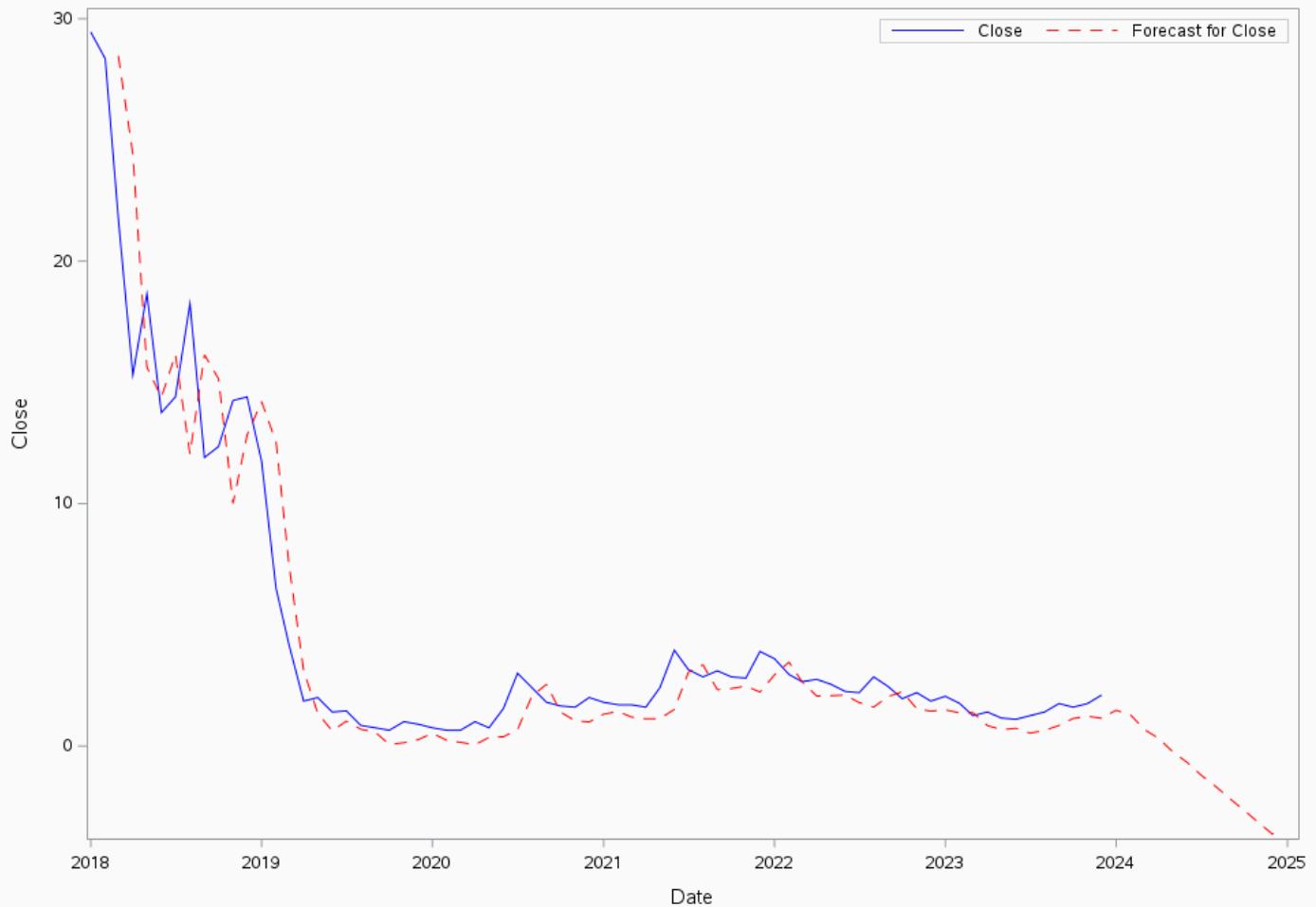
**Historical Prices with Forecasted Values
Name=META**

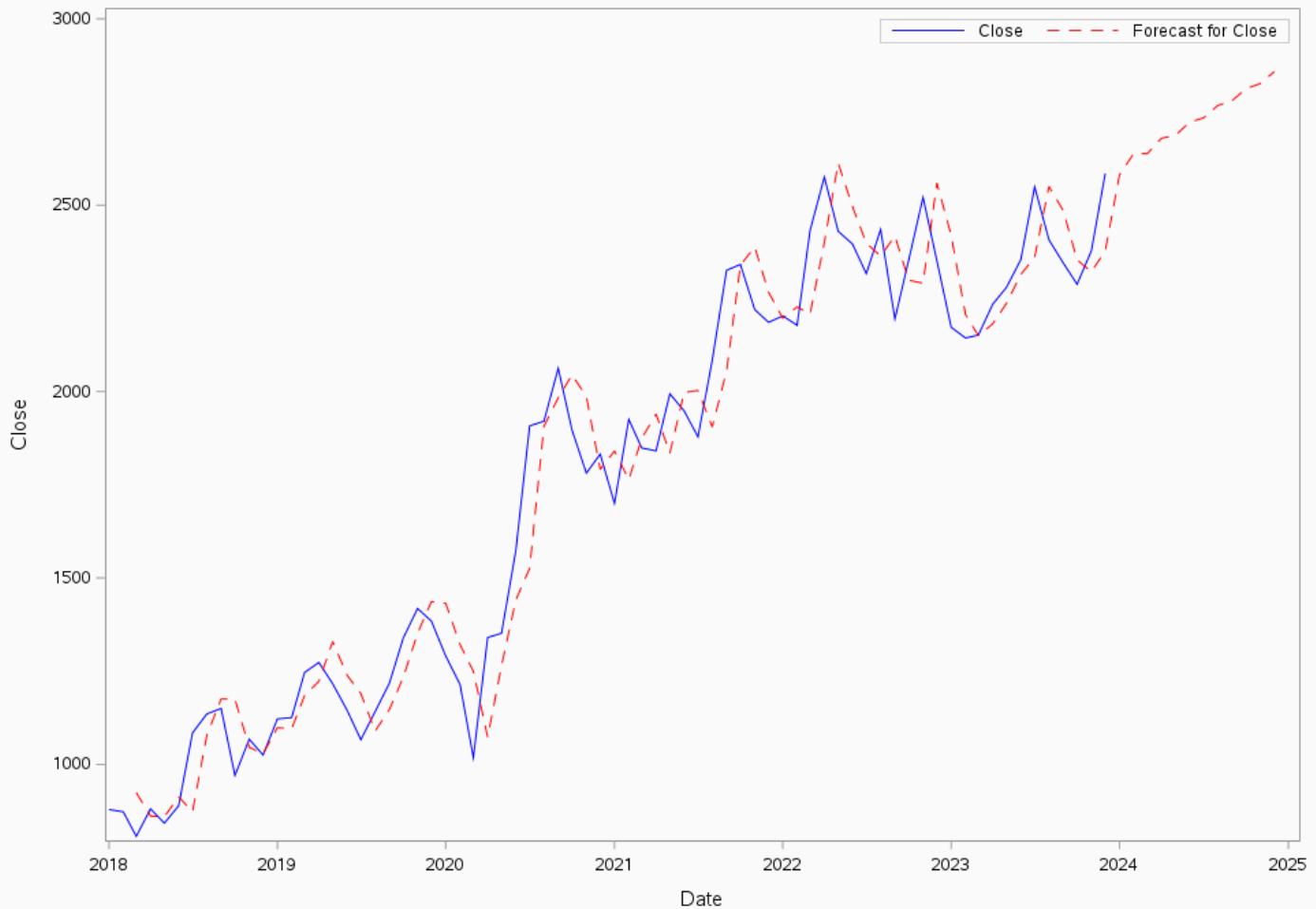
**Historical Prices with Forecasted Values
Name=MHRIL**

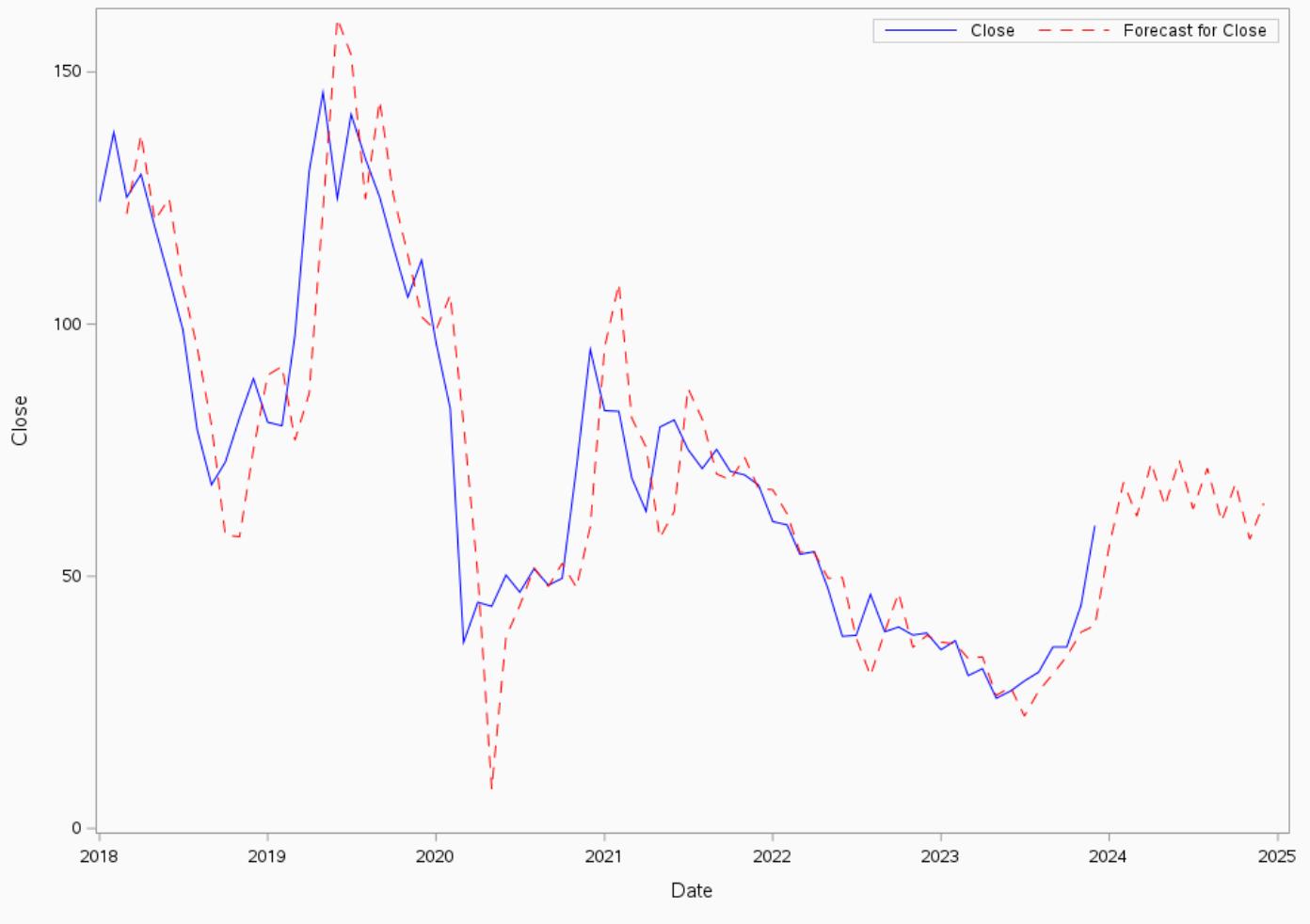
**Historical Prices with Forecasted Values
Name=MM**

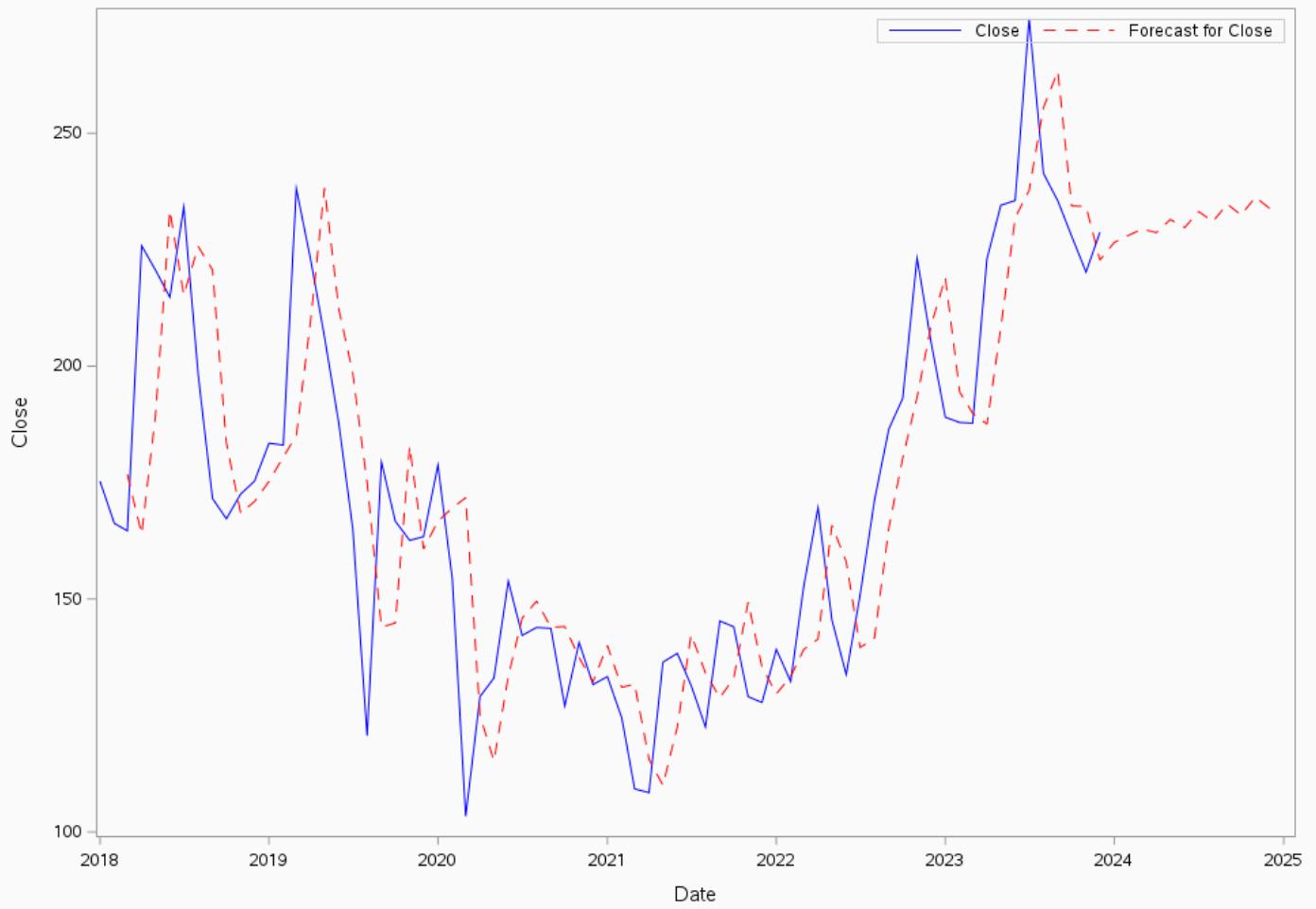
**Historical Prices with Forecasted Values
Name=NFLX**

**Historical Prices with Forecasted Values
Name=OBEROI**

**Historical Prices with Forecasted Values
Name=RCOMMU**

**Historical Prices with Forecasted Values
Name=RINDUS**

**Historical Prices with Forecasted Values
Name=SPICEJ**

Historical Prices with Forecasted Values
Name=TAJGVK

**Historical Prices with Forecasted Values
Name=TCS**

**Historical Prices with Forecasted Values
Name=ZEE**

**Historical Prices with Forecasted Values
Name=ZOOM**