The CONTENTS Procedure

Data Set Name	WORK.SKY	**Observations**	100
Member Type	DATA	**Variables**	12
Engine	V9	**Indexes**	0
Created	03/28/2024 08:42:35	**Observation Length**	120
Last Modified	03/28/2024 08:42:35	**Deleted Observations**	0
Protection		**Compressed**	NO
Data Set Type		**Sorted**	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	1
First Data Page	1
Max Obs per Page	1090
Obs in First Data Page	100
Number of Data Set Repairs	0
Filename	/saswork/SAS_work5E3B00017CB4_odaws01-usw2-2.oda.sas.com/SAS_work2AC500017CB4_odaws01-usw2-2.oda.sas.com/sky.sas7bdat
Release Created	9.0401M7
Host Created	Linux
Inode Number	2080375285
Access Permission	rw-r--r--
Owner Name	u63739262
File Size	256KB
File Size (bytes)	262144

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat
9	AdditionalInsuredPrice	Num	8	BEST12.	BEST32.
7	BasePrice	Num	8	BEST12.	BEST32.
1	DroneType	Char	30	$30.	$30.
6	DroneValue	Num	8	BEST12.	BEST32.
2	LiabilityLimit	Char	4	$4.	$4.
8	LiabilityPrice	Num	8	BEST12.	BEST32.
5	MedicalExpense	Num	8	BEST12.	BEST32.
11	MedicalExpensePrice	Num	8	BEST12.	BEST32.
3	NumberOfDrones	Num	8	BEST12.	BEST32.
10	PersonalAdInjuryPrice	Num	8	BEST12.	BEST32.
4	PersonalAdvertisingInjuryCoverag	Num	8	BEST12.	BEST32.
12	TotalPrice	Num	8	BEST12.	BEST32.

The REG Procedure
Model: MODEL1
Dependent Variable: TotalPrice

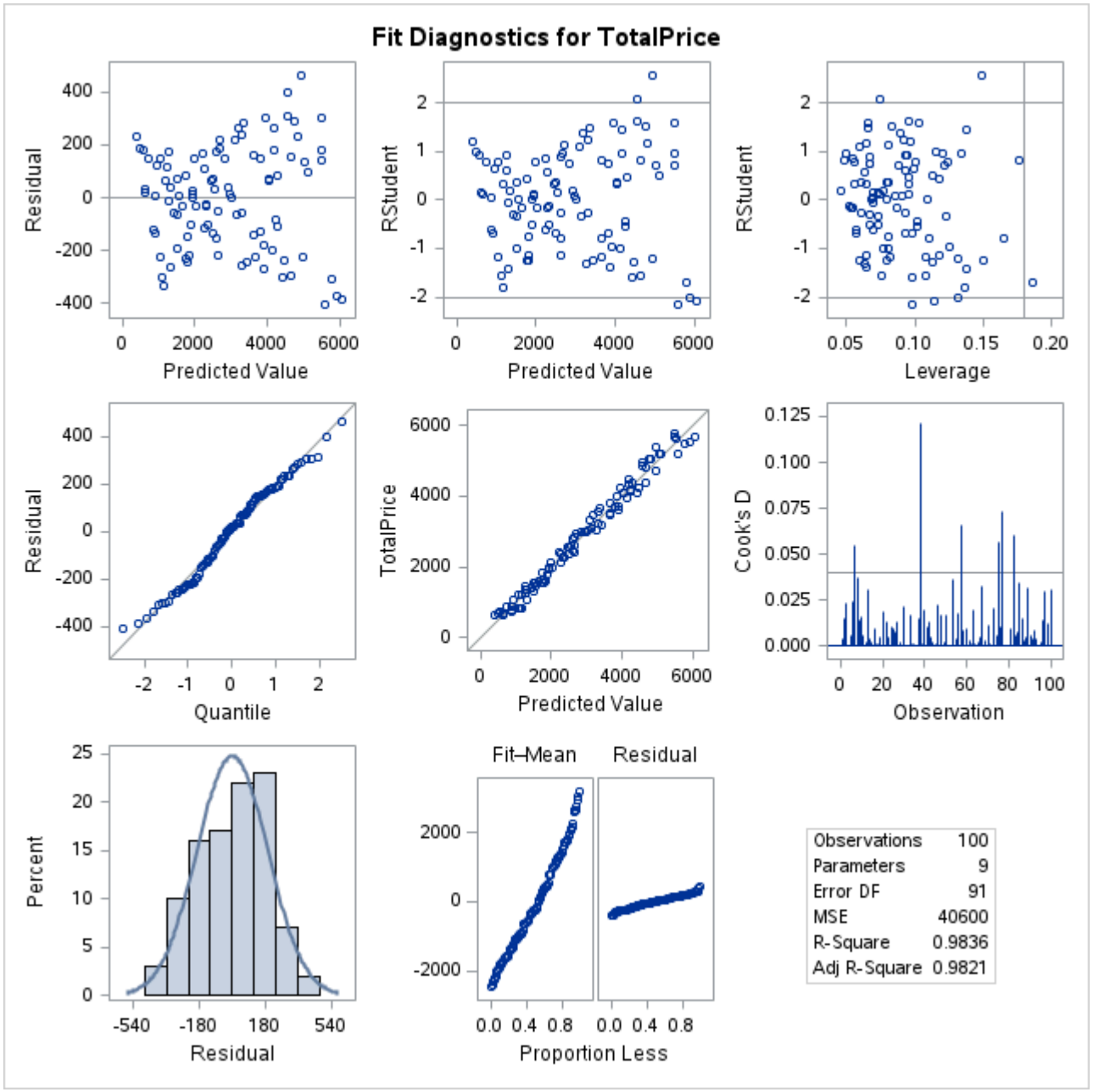
Number of Observations Read	100
Number of Observations Used	100

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	221010268	27626283	680.45	<.0001
Error	91	3694591	40600		
Corrected Total	99	224704859			

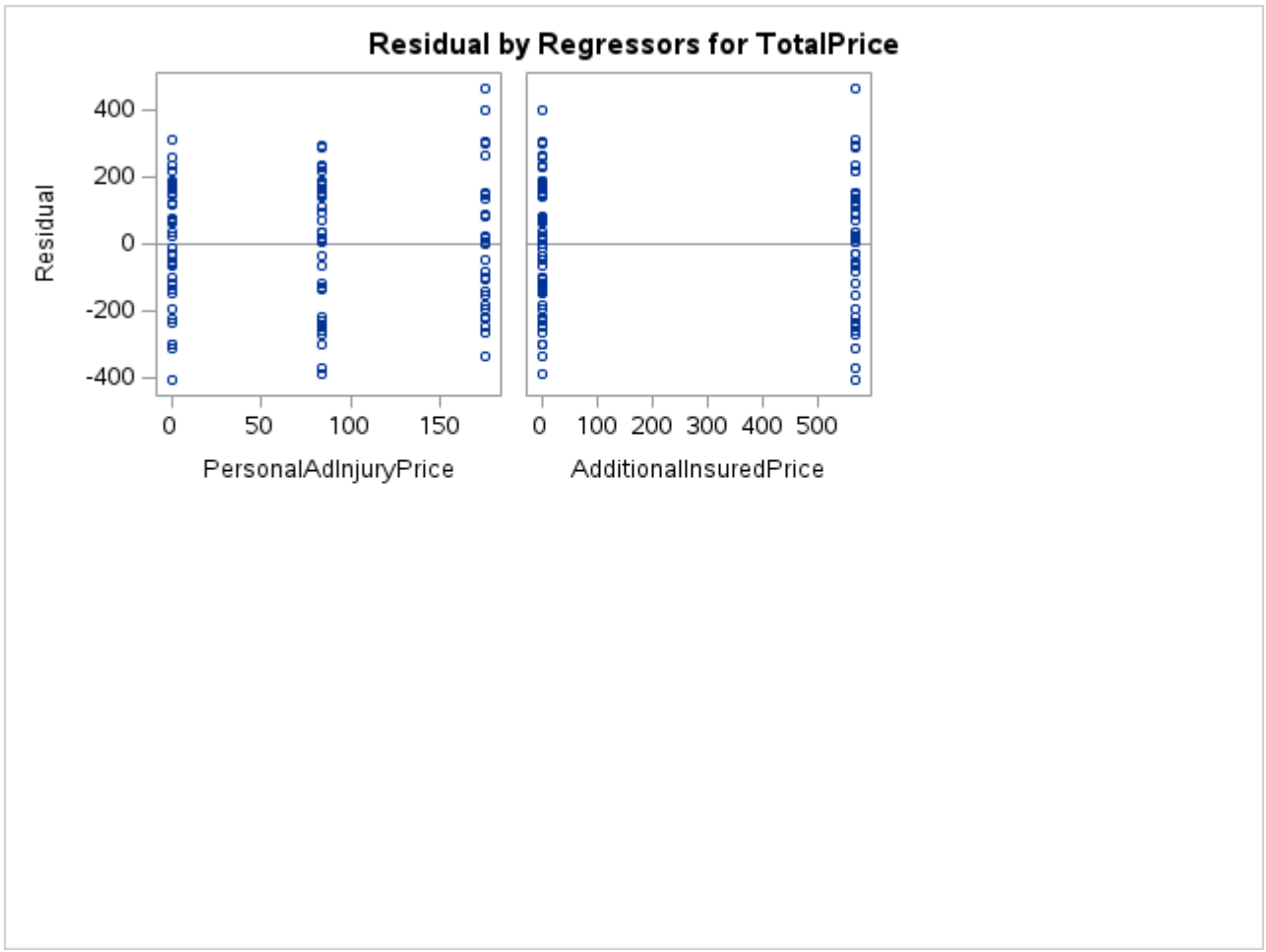
Root MSE	201.49418	R-Square	0.9836
Dependent Mean	2868.99560	Adj R-Sq	0.9821
Coeff Var	7.02316		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	-398.27669	82.55587	-4.82	<.0001
BasePrice	1	1.04591	0.03105	33.69	<.0001
DroneValue	1	-0.00098331	0.00246	-0.40	0.6898
LiabilityPrice	1	1.11012	0.02005	55.38	<.0001
MedicalExpense	1	-0.00784	0.02791	-0.28	0.7795
MedicalExpensePrice	1	1.17016	1.56063	0.75	0.4553
NumberOfDrones	1	148.97289	15.20286	9.80	<.0001
PersonalAdInjuryPrice	1	1.45006	0.30021	4.83	<.0001
AdditionalInsuredPrice	1	1.17103	0.07484	15.65	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: TotalPrice


Fit Diagnostics for TotalPrice
Residual
Predicted Value
RStudent
Predicted Value
RStudent
Leverage
Residual
Quantile
TotalPrice
Predicted Value
Cook's D
Observation
Percent
Residual
Fit–Mean
Residual
Proportion Less
Observations 100
Parameters 9
Error DF 91
MSE 40600
R-Square 0.9836
Adj R-Square 0.9821

Residual by Regressors for TotalPrice
Residual
400
200
0
-200
-400
0
500
1000
1500
2000
2500
BasePrice
0
10000
20000
30000
DroneValue
1000
2000
3000
LiabilityPrice
Residual
400
200
0
-200
-400
1000
2000
3000
4000
5000
MedicalExpense
0
20
40
60
80
MedicalExpensePrice
1
2
3
4
5
NumberOfDrones


Residual by Regressors for TotalPrice
Residual
400
200
0
-200
-400
0
50
100
150
PersonalAdInjuryPrice
0
100
200
300
400
500
AdditionalInsuredPrice