Transaction_ ID	Item_ID	Product_ Code	Units	Price	Cost
198364701	01	AYS	02	173.06	346.12
198364701	02	IQD	03	115.37	346.11
198364701	03	CHJ	08	080.75	646.00
198364701	04	JVA	01	126.91	126.91
198364701	05	YWE	06	203.84	1223.04
198364701	06	OKG	03	126.91	380.73
198364701	07	AAC	01	019.21	19.21
198364701	08	BQD	08	088.45	707.60
198364701	09	WQB	04	161.53	646.12
198364702	01	MQK	06	157.68	946.08
198364702	02	MZD	05	165.38	826.90
198364702	03	YZS	04	269.22	1076.88
198364702	04	IOZ	06	192.30	1153.80
198364702	05	DBJ	10	061.53	615.30
198364702	06	JRJ	05	146.15	730.75
198364702	07	JRH	10	138.45	1384.50
198364702	08	CKS	08	126.90	1015.20
198364702	09	MUE	04	149.99	599.96
198364703	01	JYB	04	142.30	569.20
198364703	02	BVP	02	153.83	307.66
198364703	03	PFX	06	176.90	1061.40
198364704	01	QLE	05	130.76	653.80
198364704	02	BVE	06	111.53	669.18
198364704	03	ULM	03	176.91	530.73

Transaction_	Product_

ID	Item_ID	Code	Units	Price	Cost
198364704	04	TFM	06	153.83	922.98
198364704	05	VVS	01	242.29	242.29
198364705	01	YRU	07	246.14	1722.98
198364705	02	EXS	04	184.60	738.40
198364706	01	XOE	01	169.22	169.22
198364706	02	VXY	04	273.06	1092.24
198364706	03	KXZ	07	234.60	1642.20
198364706	04	SVI	07	192.29	1346.03
198364706	05	ETP	05	157.68	788.40
198364706	06	XAX	02	188.44	376.88
198364706	07	URC	05	161.52	807.60
198364706	08	OYL	02	199.99	399.98
198364706	09	PTQ	01	203.83	203.83
198364706	10	WTE	01	184.61	184.61
198364707	01	XGO	13	176.91	2299.83
198364707	02	WMW	05	226.92	1134.60
198364707	03	ZQY	03	261.53	784.59
198364707	04	MDW	01	157.68	157.68
198364707	05	TDO	02	149.99	299.98
198364708	01	BEM	02	080.76	161.52
198364708	02	TBL	01	130.76	130.76
198364708	03	VQC	02	161.52	323.04
198364708	04	AUM	04	134.60	538.40
198364708	05	EHQ	03	115.37	346.11

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364708	06	XOX	06	242.29	1453.74

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364708	07	DDM	05	084.60	423.00
198364708	08	VCI	04	130.75	523.00
198364708	09	PEE	05	099.99	499.95
198364709	01	OVP	01	203.83	203.83
198364709	02	OFS	08	153.83	1230.64
198364709	03	IVB	06	126.91	761.46
198364710	01	UMR	11	203.83	2242.13
198364710	02	JRB	05	115.38	576.90
198364710	03	QVU	04	230.75	923.00
198364711	01	KJU	03	161.52	484.56
198364711	02	IER	03	123.07	369.21
198364712	01	TCJ	02	126.91	253.82
198364712	02	PFF	07	107.67	753.69
198364712	03	RZQ	03	234.61	703.83
198364713	01	MFS	02	149.98	299.96
198364713	02	DJA	05	057.68	288.40
198364713	03	FMY	01	169.22	169.22
198364714	01	DJG	10	080.76	807.60
198364714	02	FXO	11	173.06	1903.66
198364714	03	VFL	08	153.83	1230.64
198364714	04	GXD	08	134.60	1076.80
198364714	05	FCH	02	065.36	130.72
198364714	06	HEB	11	057.68	634.48

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364714	07	FLC	01	080.75	80.75
198364714	08	FAY	05	123.06	615.30
198364714	09	VMO	01	192.30	192.30

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364715	01	PQJ	05	165.37	826.85
198364715	02	VMX	05	230.75	1153.75
198364715	03	EIX	05	146.14	730.70
198364715	04	QUD	02	161.52	323.04
198364715	05	WGB	07	123.07	861.49
198364715	06	OBW	05	153.84	769.20
198364716	01	DRP	02	146.14	292.28
198364716	02	VMJ	02	176.91	353.82
198364716	03	PAM	01	115.37	115.37
198364716	04	CPR	04	142.29	569.16
198364716	05	FIR	03	126.91	380.73
198364716	06	AUG	01	111.52	111.52
198364716	07	EGH	02	076.91	153.82
198364717	01	PVM	07	196.14	1372.98
198364717	02	JCZ	06	149.99	899.94
198364717	03	LWD	04	149.99	599.96
198364717	04	ZTP	04	238.45	953.80
198364717	05	CPC	03	084.59	253.77
198364717	06	YQC	06	173.06	1038.36
198364717	07	KIK	05	119.21	596.05
198364718	01	CVM	03	149.98	449.94

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364719	01	WST	02	238.45	476.90
198364719	02	APM	05	119.21	596.05
198364719	03	GXM	02	173.06	346.12
198364719	04	MCQ	13	126.91	1649.83
198364719	05	VLX	04	223.06	892.24

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364719	06	XOW	03	238.45	715.35
198364720	01	LXW	02	226.91	453.82
198364720	02	HGM	03	111.52	334.56
198364720	03	YWS	07	257.68	1803.76
198364721	01	PXR	03	223.06	669.18
198364721	02	TXX	06	261.52	1569.12
198364721	03	SBJ	04	119.22	476.88
198364721	04	JTZ	04	215.38	861.52
198364721	05	MXI	07	176.91	1238.37
198364721	06	RKJ	02	149.99	299.98
198364722	01	UEQ	01	165.37	165.37
198364722	02	RAM	03	123.07	369.21
198364722	03	MUI	02	165.37	330.74
198364722	04	MBX	06	149.99	899.94
198364722	05	DQT	07	157.68	1103.76
198364722	06	MKH	05	123.06	615.30
198364723	01	MVQ	06	199.99	1199.94
198364723	02	SOM	05	180.76	903.80
198364723	03	RZS	04	242.30	969.20

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364724	01	TSY	07	246.14	1722.98
198364724	02	JMM	05	142.30	711.50
198364724	03	EGZ	02	146.15	292.30
198364724	04	YVI	05	215.37	1076.85
198364724	05	VIP	12	180.75	2169.00
198364724	06	HDH	02	076.90	153.80
198364724	07	PRM	03	180.76	542.28

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364724	08	PSF	01	157.67	157.67
198364724	09	UYR	02	246.14	492.28
198364725	01	WKC	01	142.29	142.29
198364725	02	DZT	11	192.30	2115.30
198364725	03	YBE	03	123.07	369.21
198364725	04	AEM	09	076.91	692.19
198364725	05	TVA	03	165.37	496.11
198364725	06	ZFS	12	196.14	2353.68
198364725	07	ZLY	03	242.30	726.90
198364726	01	XMZ	01	242.30	242.30
198364726	02	XKE	07	153.83	1076.81
198364726	03	ICT	04	123.06	492.24
198364726	04	LQZ	01	211.53	211.53
198364726	05	DTX	02	184.60	369.20
198364726	06	FMH	01	107.67	107.67
198364726	07	OWV	09	230.76	2076.84
198364726	08	VVF	04	192.29	769.16

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364727	01	GOW	02	173.07	346.14
198364727	02	BYJ	01	142.30	142.30
198364727	03	VZF	03	207.68	623.04
198364727	04	UCC	07	103.82	726.74
198364727	05	KXG	03	161.52	484.56
198364728	01	BZL	07	153.84	1076.88
198364728	02	WEO	08	165.38	1323.04
198364728	03	JKY	03	176.91	530.73
198364728	04	FWX	08	203.83	1630.64

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364728	05	PHT	11	169.21	1861.31
198364728	06	EAM	07	076.91	538.37
198364728	07	UMG	02	157.68	315.36
198364728	08	KOY	04	196.14	784.56
198364728	09	IHG	01	092.29	92.29
198364729	01	HJD	14	084.60	1184.40
198364729	02	GDA	07	046.14	322.98
198364729	03	OQR	05	192.30	961.50
198364729	04	HIE	03	084.60	253.80
198364729	05	BEF	02	049.99	99.98
198364730	01	KII	06	111.52	669.12
198364730	02	XME	05	165.37	826.85
198364730	03	GTI	02	138.45	276.90
198364730	04	MSZ	04	223.07	892.28
198364730	05	FLF	12	092.29	1107.48

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364730	06	SDS	07	161.52	1130.64
198364731	01	HMF	05	107.67	538.35
198364731	02	FQM	02	138.45	276.90
198364731	03	XHV	02	207.67	415.34
198364731	04	GUX	02	199.98	399.96
198364731	05	QCM	02	130.75	261.50
198364731	06	CUR	10	161.52	1615.20
198364731	07	VQC	01	161.52	161.52
198364731	08	OAB	03	069.22	207.66
198364731	09	ZFC	02	134.60	269.20
198364731	10	ZWM	07	238.46	1669.22

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364732	01	HGA	01	061.52	61.52
198364732	02	KCW	01	142.29	142.29
198364733	01	ESV	13	176.91	2299.83
198364733	02	UVS	12	238.44	2861.28
198364733	03	PFW	05	173.06	865.30
198364733	04	ZMR	03	219.23	657.69
198364733	05	JMM	11	142.30	1565.30
198364734	01	MSD	02	142.29	284.58
198364735	01	BCY	06	115.37	692.22
198364735	02	LHO	04	134.60	538.40
198364735	03	MUK	16	176.90	2830.40
198364735	04	SHO	04	161.52	646.08
198364735	05	AVA	02	092.29	184.58

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364735	06	CWM	04	149.99	599.96
198364735	07	QXF	05	180.75	903.75
198364735	08	KYJ	10	176.91	1769.10
198364735	09	LKM	02	138.45	276.90
198364736	01	PIY	04	192.29	769.16
198364736	02	VRU	02	234.60	469.20
198364737	01	XKA	03	138.44	415.32
198364737	02	BPM	05	119.22	596.10
198364738	01	ZYF	05	219.22	1096.10
198364738	02	WGW	03	203.84	611.52
198364738	03	VFM	03	161.52	484.56
198364738	04	KJQ	02	146.14	292.28
198364738	05	UIR	05	184.60	923.00

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364738	06	FFR	08	115.37	922.96
198364738	07	DYV	07	196.14	1372.98
198364738	08	WFF	01	134.60	134.60
198364739	01	LME	09	119.22	1072.98
198364739	02	MUJ	02	173.06	346.12
198364739	03	CRS	09	153.83	1384.47
198364739	04	UTM	11	207.68	2284.48
198364739	05	FEW	03	130.76	392.28
198364739	06	PYD	01	173.06	173.06
198364740	01	BKW	03	138.45	415.35
198364740	02	AQC	05	080.75	403.75

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364740	03	MWP	01	199.99	199.99
198364740	04	TME	03	149.99	449.97
198364740	05	UAC	03	096.13	288.39
198364741	01	JZM	05	192.30	961.50
198364741	02	YTX	03	265.37	796.11
198364742	01	OSX	05	223.06	1115.30
198364742	02	PGY	09	184.60	1661.40
198364742	03	LJP	03	146.14	438.42
198364743	01	KSP	06	176.90	1061.40
198364743	02	WRW	02	246.15	492.30
198364744	01	RTL	03	192.30	576.90
198364744	02	GWW	08	203.84	1630.72
198364744	03	DMK	03	111.52	334.56
198364744	04	ERR	10	157.69	1576.90
198364745	01	LOQ	01	169.22	169.22

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364745	02	IPX	05	188.44	942.20
198364745	03	GMP	06	138.45	830.70
198364745	04	KOB	06	107.68	646.08
198364745	05	DQJ	02	119.22	238.44
198364745	06	FMW	04	161.53	646.12
198364745	07	KMM	01	149.98	149.98
198364745	08	LYO	05	199.99	999.95
198364746	01	PZQ	06	226.91	1361.46
198364746	02	KOZ	06	199.99	1199.94

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364746	03	DOM	03	126.91	380.73
198364746	04	BOJ	08	103.84	830.72
198364746	05	AZV	05	188.45	942.25
198364746	06	GKI	11	103.83	1142.13
198364746	07	AMZ	05	153.84	769.20
198364747	01	YTQ	06	238.45	1430.70
198364747	02	DEF	02	057.68	115.36
198364747	03	BRI	05	111.53	557.65
198364747	04	BBM	05	065.38	326.90
198364747	05	MBD	14	076.91	1076.74
198364747	06	XKW	03	223.06	669.18
198364747	07	AHR	04	103.83	415.32
198364747	08	IXY	03	223.06	669.18
198364747	09	CAX	09	107.67	969.03
198364747	10	KZB	06	149.99	899.94
198364748	01	UJQ	11	184.60	2030.60
198364748	02	QQH	04	161.52	646.08

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364748	03	XFE	01	134.60	134.60
198364748	04	DKT	03	134.60	403.80
198364748	05	DVJ	05	138.45	692.25
198364748	06	CVM	04	149.98	599.92
198364748	07	RSJ	02	180.76	361.52
198364748	08	RYG	03	192.30	576.90
198364748	09	PLM	01	157.68	157.68

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364748	10	EEP	01	099.99	99.99
198364749	01	CHK	01	084.59	84.59
198364749	02	SLG	02	146.14	292.28
198364749	03	JWA	09	130.76	1176.84
198364749	04	SVS	02	230.75	461.50
198364749	05	VZC	01	196.14	196.14
198364750	01	OUZ	02	238.45	476.90
198364751	01	IZO	01	192.30	192.30
198364751	02	FAT	04	103.83	415.32
198364751	03	MMA	04	107.68	430.72
198364751	04	DAD	02	034.60	69.20
198364751	05	KUR	11	192.29	2115.19
198364751	06	EPR	06	149.99	899.94
198364751	07	QPL	07	173.06	1211.42
198364751	08	WDM	06	153.84	923.04
198364751	09	DCE	06	046.14	276.84
198364751	10	DAP	05	080.75	403.75
198364752	01	WIZ	02	223.07	446.14
198364752	02	TRI	05	180.76	903.80

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364752	03	FYH	03	149.98	449.94
198364752	04	VPB	08	153.83	1230.64
198364752	05	ODL	02	119.22	238.44
198364752	06	VMU	03	219.21	657.63
198364752	07	CIG	06	073.06	438.36

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364752	08	MES	09	146.14	1315.26
198364752	09	ZYR	03	265.38	796.14
198364752	10	AAC	05	019.21	96.05
198364753	01	AUB	10	092.29	922.90
198364753	02	AQI	04	103.83	415.32
198364753	03	ORW	01	215.38	215.38
198364753	04	DMA	04	073.06	292.24
198364753	05	HGM	01	107.68	107.68
198364753	06	ZOA	03	161.53	484.59
198364753	07	PJF	04	123.06	492.24
198364753	08	CYS	03	180.75	542.25
198364753	09	FOW	03	169.22	507.66
198364753	10	MBI	03	096.14	288.42
198364754	01	DBB	03	030.76	92.28
198364754	02	MBP	01	119.22	119.22
198364754	03	WJU	03	207.68	623.04
198364754	04	OII	09	126.91	1142.19
198364754	05	QKF	01	130.75	130.75
198364754	06	KMZ	01	196.14	196.14
198364754	07	GEO	06	103.84	623.04
198364754	08	YLS	02	215.37	430.74

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364754	09	EMM	03	123.07	369.21
198364755	01	VUL	02	211.52	423.04
198364755	02	FYD	07	134.60	942.20

Transaction_ ID	Item_ID	Product_ Code	Units	Price	Cost
198364755	03	QMP	09	176.91	1592.19
198364755	04	QMB	06	123.07	738.42
198364756	01	OGU	03	165.37	496.11
198364756	02	DMG	06	096.14	576.84
198364756	03	EDY	09	130.76	1176.84
198364756	04	RIU	01	184.60	184.60
198364757	01	BUT	08	165.37	1322.96
198364757	02	YMS	04	223.06	892.24
198364757	03	YVP	06	242.29	1453.74
198364757	04	FOP	07	142.29	996.03
198364758	01	DOP	02	134.60	269.20
198364758	02	HXJ	03	161.52	484.56
198364758	03	LPL	05	153.83	769.15
198364759	01	QEL	04	130.76	523.04
198364759	02	EYD	02	130.76	261.52
198364759	03	DVW	01	188.45	188.45
198364760	01	XFZ	04	215.37	861.48
198364760	02	SHE	01	123.06	123.06
198364760	03	BRI	08	111.53	892.24
198364760	04	VYS	04	253.83	1015.32
198364761	01	SRH	03	173.06	519.18
198364761	02	IDA	02	053.83	107.66
198364761	03	MXK	05	188.44	942.20

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364761	04	GSM	05	153.83	769.15

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364762	01	OJV	03	180.76	542.28
198364762	02	FQF	01	111.52	111.52
198364762	03	ZYK	01	238.45	238.45
198364762	04	YTA	05	176.91	884.55
198364762	05	HOQ	05	153.83	769.15
198364763	01	RBO	08	134.61	1076.88
198364763	02	JFT	03	138.45	415.35
198364763	03	GGS	16	126.91	2030.56
198364763	04	UWQ	01	234.60	234.60
198364763	05	JMG	01	119.22	119.22
198364763	06	LEW	01	153.84	153.84
198364763	07	BYK	07	146.14	1022.98
198364764	01	DZE	12	134.61	1615.32
198364764	02	TUF	04	180.75	723.00
198364764	03	GGU	03	134.60	403.80
198364764	04	ILD	05	096.14	480.70
198364764	05	SVZ	01	257.68	257.68
198364765	01	AWP	03	153.83	461.49
198364765	02	MMC	05	119.21	596.05
198364765	03	MMT	02	180.76	361.52
198364765	04	MZR	04	223.07	892.28
198364765	05	LGL	02	119.22	238.44
198364765	06	UFP	03	165.36	496.08
198364765	07	HFV	07	138.44	969.08

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364765	08	AMQ	02	123.06	246.12
198364766	01	GRR	05	165.38	826.90
198364767	01	WPM	14	199.99	2799.86
198364767	02	MEJ	03	111.53	334.59
198364767	03	DMU	02	149.98	299.96
198364767	04	JVT	02	199.99	399.98
198364768	01	KWA	04	134.60	538.40
198364768	02	QGM	05	142.30	711.50
198364768	03	CJC	06	061.52	369.12
198364768	04	FOQ	02	146.14	292.28
198364768	05	ZJG	03	165.38	496.14
198364768	06	VLR	10	199.99	1999.90
198364768	07	JSP	09	173.06	1557.54
198364768	08	SJP	05	173.06	865.30
198364769	01	FLQ	06	134.60	807.60
198364769	02	WUB	06	176.91	1061.46
198364769	03	YRC	06	176.91	1061.46
198364769	04	DSV	01	173.06	173.06
198364769	05	BAP	09	073.06	657.54
198364769	06	XYK	02	230.75	461.50
198364770	01	RYG	07	192.30	1346.10
198364770	02	YMB	14	157.68	2207.52
198364770	03	LIV	01	165.37	165.37
198364770	04	VWR	10	242.30	2423.00

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364770	05	PSY	05	230.75	1153.75

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364770	06	TTS	14	226.91	3176.74
198364771	01	XGM	02	169.22	338.44
198364771	02	GID	02	076.91	153.82
198364771	03	TGF	02	126.91	253.82
198364771	04	KMX	01	184.60	184.60
198364771	05	TTD	08	169.22	1353.76
198364771	06	WEH	05	138.45	692.25
198364772	01	LEB	03	073.07	219.21
198364772	02	GAW	08	119.22	953.76
198364773	01	MJC	01	103.83	103.83
198364773	02	YWZ	02	284.61	569.22
198364773	03	ODG	03	099.99	299.97
198364773	04	KJW	09	169.22	1522.98
198364773	05	WYE	07	203.84	1426.88
198364774	01	ZDX	06	207.68	1246.08
198364774	02	IHJ	02	103.83	207.66
198364774	03	GKC	01	080.75	80.75
198364774	04	UOC	01	149.98	149.98
198364774	05	QOP	02	184.60	369.20
198364774	06	KZQ	02	207.68	415.36
198364774	07	MXB	08	153.83	1230.64
198364774	08	DTA	07	096.14	672.98
198364775	01	FAK	01	069.21	69.21

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364775	02	WKI	13	165.37	2149.81
198364775	03	IJT	06	149.99	899.94
198364775	04	IKK	13	119.21	1549.73

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364775	05	ULT	01	203.83	203.83
198364775	06	FSM	06	149.98	899.88
198364775	07	FHU	07	134.59	942.13
198364775	08	SVM	01	211.52	211.52
198364776	01	MLZ	03	199.99	599.97
198364776	02	ORK	06	169.22	1015.32
198364776	03	EVG	12	130.76	1569.12
198364776	04	RZG	04	196.15	784.60
198364777	01	DHA	04	049.98	199.92
198364778	01	MGM	02	130.76	261.52
198364778	02	UAR	04	153.83	615.32
198364778	03	MRH	01	153.83	153.83
198364778	04	IUS	02	188.44	376.88
198364778	05	OSE	02	149.99	299.98
198364779	01	DTQ	01	157.68	157.68
198364779	02	ETW	02	184.61	369.22
198364779	03	DQB	03	088.45	265.35
198364779	04	UPD	07	157.67	1103.69
198364780	01	ICD	05	061.52	307.60
198364780	02	CFJ	05	073.06	365.30
198364780	03	TTG	04	180.76	723.04

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364781	01	TLJ	13	161.53	2099.89
198364781	02	BQC	01	084.60	84.60
198364781	03	QLR	03	180.76	542.28
198364781	04	RMQ	04	188.45	753.80
198364781	05	FPO	03	142.29	426.87

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364781	06	BMS	02	130.76	261.52
198364781	07	OVF	03	165.37	496.11
198364782	01	IWM	10	176.91	1769.10
198364782	02	SUF	05	176.90	884.50
198364782	03	XAK	06	138.44	830.64
198364782	04	XPQ	03	219.21	657.63
198364782	05	JIW	04	161.53	646.12
198364783	01	GEL	03	092.30	276.90
198364783	02	RQJ	14	173.07	2422.98
198364783	03	JFY	04	157.68	630.72
198364783	04	MAV	07	142.29	996.03
198364784	01	OLJ	01	142.30	142.30
198364785	01	EGP	04	107.68	430.72
198364785	02	YGR	03	192.30	576.90
198364786	01	GTJ	03	142.30	426.90
198364786	02	REA	03	092.30	276.90
198364786	03	DUD	01	111.52	111.52
198364786	04	IFX	05	149.98	749.90
198364786	05	XTP	03	230.75	692.25

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364786	06	CKX	05	146.13	730.65
198364786	07	ZAI	06	138.45	830.70
198364786	08	TPF	02	161.52	323.04
198364787	01	VWJ	04	211.53	846.12
198364787	02	LLL	04	138.45	553.80
198364787	03	MTO	04	184.61	738.44
198364787	04	LWC	04	146.14	584.56

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364787	05	CAV	03	099.98	299.94
198364787	06	SKQ	06	180.75	1084.50
198364788	01	FWX	04	203.83	815.32
198364788	02	BLY	01	149.99	149.99
198364788	03	LOK	01	146.14	146.14
198364788	04	RXG	01	188.45	188.45
198364788	05	FKG	02	092.29	184.58
198364788	06	KHD	04	088.44	353.76
198364788	07	OMO	01	165.38	165.38
198364788	08	AVR	05	157.68	788.40
198364788	09	ZHA	14	134.60	1884.40
198364788	10	OKB	05	107.68	538.40
198364789	01	XMM	07	196.14	1372.98
198364789	02	EUR	10	169.22	1692.20
198364789	03	PEK	11	123.06	1353.66
198364789	04	GIV	17	146.14	2484.38
198364789	05	JWA	05	130.76	653.80

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364789	06	DAC	05	030.75	153.75
198364789	07	RAK	02	115.37	230.74
198364790	01	CCO	02	080.75	161.50
198364790	02	VVY	06	265.37	1592.22
198364790	03	SPF	04	157.67	630.68
198364790	04	MFC	04	088.44	353.76
198364790	05	MVZ	08	234.61	1876.88
198364790	06	QMF	07	138.45	969.15
198364790	07	CXM	06	153.83	922.98

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364791	01	AHK	04	076.90	307.60
198364791	02	SLF	01	142.29	142.29
198364791	03	GXR	06	188.45	1130.70
198364791	04	YGQ	13	188.45	2449.85
198364791	05	MPJ	02	149.99	299.98
198364792	01	WXY	02	276.91	553.82
198364793	01	KAH	01	076.90	76.90
198364793	02	DUC	03	107.67	323.01
198364793	03	LXU	05	219.21	1096.05
198364794	01	BEC	07	038.45	269.15
198364794	02	ICC	02	057.67	115.34
198364794	03	YMM	03	199.99	599.97
198364794	04	RCM	02	130.76	261.52
198364794	05	QUH	14	176.90	2476.60
198364794	06	MKM	04	149.98	599.92

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364794	07	UYQ	04	242.29	969.16
198364794	08	DLI	07	096.14	672.98
198364795	01	ESP	08	153.83	1230.64
198364796	01	HGK	04	099.98	399.92
198364796	02	EXA	02	115.37	230.74
198364796	03	HDJ	04	084.60	338.40
198364796	04	MOM	01	157.69	157.69
198364796	05	IHW	08	153.83	1230.64
198364796	06	MGK	07	123.06	861.42
198364796	07	ESB	04	099.99	399.96
198364797	01	JMH	05	119.22	596.10

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364797	02	UHM	04	161.52	646.08
198364797	03	RJS	03	180.76	542.28
198364797	04	BSW	07	169.22	1184.54
198364797	05	QSO	04	196.14	784.56
198364797	06	AXC	01	107.67	107.67
198364797	07	KYE	05	157.68	788.40
198364797	08	HFW	07	142.29	996.03
198364797	09	BFW	02	119.22	238.44
198364798	01	OPT	05	196.14	980.70
198364798	02	BVQ	02	157.68	315.36
198364798	03	JHV	09	153.83	1384.47
198364798	04	QCV	03	161.52	484.56
198364798	05	FRS	02	165.37	330.74

Transaction_ID	Item_ID	Product_Code	Units	Price	Cost
198364798	06	AWC	08	103.83	830.64
198364798	07	DGR	02	111.53	223.06
198364798	08	TDM	01	146.14	146.14
198364798	09	CSF	02	107.67	215.34
198364799	01	ZXZ	02	292.30	584.60
198364799	02	BPC	02	080.75	161.50
198364799	03	JMU	04	173.06	692.24
198364800	01	KBM	07	103.83	726.81
198364800	02	HSC	01	115.36	115.36

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364701	01	AYS	A	Y	S	02	173.06	346.12

Transaction_ ID	Item_ID	Product_ Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364701	02	IQD	I	Q	D	03	115.37	692.23
198364701	03	CHJ	C	H	J	08	080.75	1338.23
198364701	04	JVA	J	V	A	01	126.91	1465.14
198364701	05	YWE	Y	W	E	06	203.84	2688.18
198364701	06	OKG	O	K	G	03	126.91	3068.91
198364701	07	AAC	A	A	C	01	019.21	3088.12
198364701	08	BQD	B	Q	D	08	088.45	3795.72
198364701	09	WQB	W	Q	B	04	161.53	4441.84
198364702	01	MQK	M	Q	K	06	157.68	946.08
198364702	02	MZD	M	Z	D	05	165.38	1772.98
198364702	03	YZS	Y	Z	S	04	269.22	2849.86
198364702	04	IOZ	I	O	Z	06	192.30	4003.66
198364702	05	DBJ	D	B	J	10	061.53	4618.96
198364702	06	JRJ	J	R	J	05	146.15	5349.71
198364702	07	JRH	J	R	H	10	138.45	6734.21
198364702	08	CKS	C	K	S	08	126.90	7749.41
198364702	09	MUE	M	U	E	04	149.99	8349.37
198364703	01	JYB	J	Y	B	04	142.30	569.20
198364703	02	BVP	B	V	P	02	153.83	876.86
198364703	03	PFX	P	F	X	06	176.90	1938.26
198364704	01	QLE	Q	L	E	05	130.76	653.80
198364704	02	BVE	B	V	E	06	111.53	1322.98
198364704	03	ULM	U	L	M	03	176.91	1853.71

Transaction_ ID	Item_ID	Product_ Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364704	04	TFM	T	F	M	06	153.83	2776.69
198364704	05	VVS	V	V	S	01	242.29	3018.98
198364705	01	YRU	Y	R	U	07	246.14	1722.98

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364705	02	EXS	E	X	S	04	184.60	2461.38
198364706	01	XOE	X	O	E	01	169.22	169.22
198364706	02	VXY	V	X	Y	04	273.06	1261.46
198364706	03	KXZ	K	X	Z	07	234.60	2903.66
198364706	04	SVI	S	V	I	07	192.29	4249.69
198364706	05	ETP	E	T	P	05	157.68	5038.09
198364706	06	XAX	X	A	X	02	188.44	5414.97
198364706	07	URC	U	R	C	05	161.52	6222.57
198364706	08	OYL	O	Y	L	02	199.99	6622.55
198364706	09	PTQ	P	T	Q	01	203.83	6826.38
198364706	10	WTE	W	T	E	01	184.61	7010.99
198364707	01	XGO	X	G	O	13	176.91	2299.83
198364707	02	WMW	W	M	W	05	226.92	3434.43
198364707	03	ZQY	Z	Q	Y	03	261.53	4219.02
198364707	04	MDW	M	D	W	01	157.68	4376.70
198364707	05	TDO	T	D	O	02	149.99	4676.68
198364708	01	BEM	B	E	M	02	080.76	161.52
198364708	02	TBL	T	B	L	01	130.76	292.28
198364708	03	VQC	V	Q	C	02	161.52	615.32
198364708	04	AUM	A	U	M	04	134.60	1153.72
198364708	05	EHQ	E	H	Q	03	115.37	1499.83

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364708	06	XOX	X	O	X	06	242.29	2953.57
198364708	07	DDM	D	D	M	05	084.60	3376.57
198364708	08	VCI	V	C	I	04	130.75	3899.57
198364708	09	PEE	P	E	E	05	099.99	4399.52
198364709	01	OVP	O	V	P	01	203.83	203.83

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364709	02	OFS	O	F	S	08	153.83	1434.47
198364709	03	IVB	I	V	B	06	126.91	2195.93
198364710	01	UMR	U	M	R	11	203.83	2242.13
198364710	02	JRB	J	R	B	05	115.38	2819.03
198364710	03	QVU	Q	V	U	04	230.75	3742.03
198364711	01	KJU	K	J	U	03	161.52	484.56
198364711	02	IER	I	E	R	03	123.07	853.77
198364712	01	TCJ	T	C	J	02	126.91	253.82
198364712	02	PFF	P	F	F	07	107.67	1007.51
198364712	03	RZQ	R	Z	Q	03	234.61	1711.34
198364713	01	MFS	M	F	S	02	149.98	299.96
198364713	02	DJA	D	J	A	05	057.68	588.36
198364713	03	FMY	F	M	Y	01	169.22	757.58
198364714	01	DJG	D	J	G	10	080.76	807.60
198364714	02	FXO	F	X	O	11	173.06	2711.26
198364714	03	VFL	V	F	L	08	153.83	3941.90
198364714	04	GXD	G	X	D	08	134.60	5018.70
198364714	05	FCH	F	C	H	02	065.36	5149.42
198364714	06	HEB	H	E	B	11	057.68	5783.90

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364714	07	FLC	F	L	C	01	080.75	5864.65
198364714	08	FAY	F	A	Y	05	123.06	6479.95
198364714	09	VMO	V	M	O	01	192.30	6672.25
198364715	01	PQJ	P	Q	J	05	165.37	826.85
198364715	02	VMX	V	M	X	05	230.75	1980.60
198364715	03	EIX	E	I	X	05	146.14	2711.30
198364715	04	QUD	Q	U	D	02	161.52	3034.34

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364715	05	WGB	W	G	B	07	123.07	3895.83
198364715	06	OBW	O	B	W	05	153.84	4665.03
198364716	01	DRP	D	R	P	02	146.14	292.28
198364716	02	VMJ	V	M	J	02	176.91	646.10
198364716	03	PAM	P	A	M	01	115.37	761.47
198364716	04	CPR	C	P	R	04	142.29	1330.63
198364716	05	FIR	F	I	R	03	126.91	1711.36
198364716	06	AUG	A	U	G	01	111.52	1822.88
198364716	07	EGH	E	G	H	02	076.91	1976.70
198364717	01	PVM	P	V	M	07	196.14	1372.98
198364717	02	JCZ	J	C	Z	06	149.99	2272.92
198364717	03	LWD	L	W	D	04	149.99	2872.88
198364717	04	ZTP	Z	T	P	04	238.45	3826.68
198364717	05	CPC	C	P	C	03	084.59	4080.45
198364717	06	YQC	Y	Q	C	06	173.06	5118.81
198364717	07	KIK	K	I	K	05	119.21	5714.86
198364718	01	CVM	C	V	M	03	149.98	449.94

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364719	01	WST	W	S	T	02	238.45	476.90
198364719	02	APM	A	P	M	05	119.21	1072.95
198364719	03	GXM	G	X	M	02	173.06	1419.07
198364719	04	MCQ	M	C	Q	13	126.91	3068.90
198364719	05	VLX	V	L	X	04	223.06	3961.14
198364719	06	XOW	X	O	W	03	238.45	4676.49
198364720	01	LXW	L	X	W	02	226.91	453.82
198364720	02	HGM	H	G	M	03	111.52	788.38
198364720	03	YWS	Y	W	S	07	257.68	2592.14

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364721	01	PXR	P	X	R	03	223.06	669.18
198364721	02	TXX	T	X	X	06	261.52	2238.30
198364721	03	SBJ	S	B	J	04	119.22	2715.18
198364721	04	JTZ	J	T	Z	04	215.38	3576.70
198364721	05	MXI	M	X	I	07	176.91	4815.07
198364721	06	RKJ	R	K	J	02	149.99	5115.05
198364722	01	UEQ	U	E	Q	01	165.37	165.37
198364722	02	RAM	R	A	M	03	123.07	534.58
198364722	03	MUI	M	U	I	02	165.37	865.32
198364722	04	MBX	M	B	X	06	149.99	1765.26
198364722	05	DQT	D	Q	T	07	157.68	2869.02
198364722	06	MKH	M	K	H	05	123.06	3484.32
198364723	01	MVQ	M	V	Q	06	199.99	1199.94
198364723	02	SOM	S	O	M	05	180.76	2103.74
198364723	03	RZS	R	Z	S	04	242.30	3072.94

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364724	01	TSY	T	S	Y	07	246.14	1722.98
198364724	02	JMM	J	M	M	05	142.30	2434.48
198364724	03	EGZ	E	G	Z	02	146.15	2726.78
198364724	04	YVI	Y	V	I	05	215.37	3803.63
198364724	05	VIP	V	I	P	12	180.75	5972.63
198364724	06	HDH	H	D	H	02	076.90	6126.43
198364724	07	PRM	P	R	M	03	180.76	6668.71
198364724	08	PSF	P	S	F	01	157.67	6826.38
198364724	09	UYR	U	Y	R	02	246.14	7318.66
198364725	01	WKC	W	K	C	01	142.29	142.29
198364725	02	DZT	D	Z	T	11	192.30	2257.59

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364725	03	YBE	Y	B	E	03	123.07	2626.80
198364725	04	AEM	A	E	M	09	076.91	3318.99
198364725	05	TVA	T	V	A	03	165.37	3815.10
198364725	06	ZFS	Z	F	S	12	196.14	6168.78
198364725	07	ZLY	Z	L	Y	03	242.30	6895.68
198364726	01	XMZ	X	M	Z	01	242.30	242.30
198364726	02	XKE	X	K	E	07	153.83	1319.11
198364726	03	ICT	I	C	T	04	123.06	1811.35
198364726	04	LQZ	L	Q	Z	01	211.53	2022.88
198364726	05	DTX	D	T	X	02	184.60	2392.08
198364726	06	FMH	F	M	H	01	107.67	2499.75
198364726	07	OWV	O	W	V	09	230.76	4576.59
198364726	08	VVF	V	V	F	04	192.29	5345.75

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364727	01	GOW	G	O	W	02	173.07	346.14
198364727	02	BYJ	B	Y	J	01	142.30	488.44
198364727	03	VZF	V	Z	F	03	207.68	1111.48
198364727	04	UCC	U	C	C	07	103.82	1838.22
198364727	05	KXG	K	X	G	03	161.52	2322.78
198364728	01	BZL	B	Z	L	07	153.84	1076.88
198364728	02	WEO	W	E	O	08	165.38	2399.92
198364728	03	JKY	J	K	Y	03	176.91	2930.65
198364728	04	FWX	F	W	X	08	203.83	4561.29
198364728	05	PHT	P	H	T	11	169.21	6422.60
198364728	06	EAM	E	A	M	07	076.91	6960.97
198364728	07	UMG	U	M	G	02	157.68	7276.33
198364728	08	KOY	K	O	Y	04	196.14	8060.89

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364728	09	IHG	I	H	G	01	092.29	8153.18
198364729	01	HJD	H	J	D	14	084.60	1184.40
198364729	02	GDA	G	D	A	07	046.14	1507.38
198364729	03	OQR	O	Q	R	05	192.30	2468.88
198364729	04	HIE	H	I	E	03	084.60	2722.68
198364729	05	BEF	B	E	F	02	049.99	2822.66
198364730	01	KII	K	I	I	06	111.52	669.12
198364730	02	XME	X	M	E	05	165.37	1495.97
198364730	03	GTI	G	T	I	02	138.45	1772.87
198364730	04	MSZ	M	S	Z	04	223.07	2665.15
198364730	05	FLF	F	L	F	12	092.29	3772.63

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364730	06	SDS	S	D	S	07	161.52	4903.27
198364731	01	HMF	H	M	F	05	107.67	538.35
198364731	02	FQM	F	Q	M	02	138.45	815.25
198364731	03	XHV	X	H	V	02	207.67	1230.59
198364731	04	GUX	G	U	X	02	199.98	1630.55
198364731	05	QCM	Q	C	M	02	130.75	1892.05
198364731	06	CUR	C	U	R	10	161.52	3507.25
198364731	07	VQC	V	Q	C	01	161.52	3668.77
198364731	08	OAB	O	A	B	03	069.22	3876.43
198364731	09	ZFC	Z	F	C	02	134.60	4145.63
198364731	10	ZWM	Z	W	M	07	238.46	5814.85
198364732	01	HGA	H	G	A	01	061.52	61.52
198364732	02	KCW	K	C	W	01	142.29	203.81
198364733	01	ESV	E	S	V	13	176.91	2299.83
198364733	02	UVS	U	V	S	12	238.44	5161.11

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364733	03	PFW	P	F	W	05	173.06	6026.41
198364733	04	ZMR	Z	M	R	03	219.23	6684.10
198364733	05	JMM	J	M	M	11	142.30	8249.40
198364734	01	MSD	M	S	D	02	142.29	284.58
198364735	01	BCY	B	C	Y	06	115.37	692.22
198364735	02	LHO	L	H	O	04	134.60	1230.62
198364735	03	MUK	M	U	K	16	176.90	4061.02
198364735	04	SHO	S	H	O	04	161.52	4707.10
198364735	05	AVA	A	V	A	02	092.29	4891.68

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364735	06	CWM	C	W	M	04	149.99	5491.64
198364735	07	QXF	Q	X	F	05	180.75	6395.39
198364735	08	KYJ	K	Y	J	10	176.91	8164.49
198364735	09	LKM	L	K	M	02	138.45	8441.39
198364736	01	PIY	P	I	Y	04	192.29	769.16
198364736	02	VRU	V	R	U	02	234.60	1238.36
198364737	01	XKA	X	K	A	03	138.44	415.32
198364737	02	BPM	B	P	M	05	119.22	1011.42
198364738	01	ZYF	Z	Y	F	05	219.22	1096.10
198364738	02	WGW	W	G	W	03	203.84	1707.62
198364738	03	VFM	V	F	M	03	161.52	2192.18
198364738	04	KJQ	K	J	Q	02	146.14	2484.46
198364738	05	UIR	U	I	R	05	184.60	3407.46
198364738	06	FFR	F	F	R	08	115.37	4330.42
198364738	07	DYV	D	Y	V	07	196.14	5703.40
198364738	08	WFF	W	F	F	01	134.60	5838.00
198364739	01	LME	L	M	E	09	119.22	1072.98

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364739	02	MUJ	M	U	J	02	173.06	1419.10
198364739	03	CRS	C	R	S	09	153.83	2803.57
198364739	04	UTM	U	T	M	11	207.68	5088.05
198364739	05	FEW	F	E	W	03	130.76	5480.33
198364739	06	PYD	P	Y	D	01	173.06	5653.39
198364740	01	BKW	B	K	W	03	138.45	415.35
198364740	02	AQC	A	Q	C	05	080.75	819.10

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364740	03	MWP	M	W	P	01	199.99	1019.09
198364740	04	TME	T	M	E	03	149.99	1469.06
198364740	05	UAC	U	A	C	03	096.13	1757.45
198364741	01	JZM	J	Z	M	05	192.30	961.50
198364741	02	YTX	Y	T	X	03	265.37	1757.61
198364742	01	OSX	O	S	X	05	223.06	1115.30
198364742	02	PGY	P	G	Y	09	184.60	2776.70
198364742	03	LJP	L	J	P	03	146.14	3215.12
198364743	01	KSP	K	S	P	06	176.90	1061.40
198364743	02	WRW	W	R	W	02	246.15	1553.70
198364744	01	RTL	R	T	L	03	192.30	576.90
198364744	02	GWW	G	W	W	08	203.84	2207.62
198364744	03	DMK	D	M	K	03	111.52	2542.18
198364744	04	ERR	E	R	R	10	157.69	4119.08
198364745	01	LOQ	L	O	Q	01	169.22	169.22
198364745	02	IPX	I	P	X	05	188.44	1111.42
198364745	03	GMP	G	M	P	06	138.45	1942.12
198364745	04	KOB	K	O	B	06	107.68	2588.20
198364745	05	DQJ	D	Q	J	02	119.22	2826.64

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364745	06	FMW	F	M	W	04	161.53	3472.76
198364745	07	KMM	K	M	M	01	149.98	3622.74
198364745	08	LYO	L	Y	O	05	199.99	4622.69
198364746	01	PZQ	P	Z	Q	06	226.91	1361.46
198364746	02	KOZ	K	O	Z	06	199.99	2561.40

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364746	03	DOM	D	O	M	03	126.91	2942.13
198364746	04	BOJ	B	O	J	08	103.84	3772.85
198364746	05	AZV	A	Z	V	05	188.45	4715.10
198364746	06	GKI	G	K	I	11	103.83	5857.23
198364746	07	AMZ	A	M	Z	05	153.84	6626.43
198364747	01	YTQ	Y	T	Q	06	238.45	1430.70
198364747	02	DEF	D	E	F	02	057.68	1546.06
198364747	03	BRI	B	R	I	05	111.53	2103.71
198364747	04	BBM	B	B	M	05	065.38	2430.61
198364747	05	MBD	M	B	D	14	076.91	3507.35
198364747	06	XKW	X	K	W	03	223.06	4176.53
198364747	07	AHR	A	H	R	04	103.83	4591.85
198364747	08	IXY	I	X	Y	03	223.06	5261.03
198364747	09	CAX	C	A	X	09	107.67	6230.06
198364747	10	KZB	K	Z	B	06	149.99	7130.00
198364748	01	UJQ	U	J	Q	11	184.60	2030.60
198364748	02	QQH	Q	Q	H	04	161.52	2676.68
198364748	03	XFE	X	F	E	01	134.60	2811.28
198364748	04	DKT	D	K	T	03	134.60	3215.08
198364748	05	DVJ	D	V	J	05	138.45	3907.33
198364748	06	CVM	C	V	M	04	149.98	4507.25

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364748	07	RSJ	R	S	J	02	180.76	4868.77
198364748	08	RYG	R	Y	G	03	192.30	5445.67
198364748	09	PLM	P	L	M	01	157.68	5603.35

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364748	10	EEP	E	E	P	01	099.99	5703.34
198364749	01	CHK	C	H	K	01	084.59	84.59
198364749	02	SLG	S	L	G	02	146.14	376.87
198364749	03	JWA	J	W	A	09	130.76	1553.71
198364749	04	SVS	S	V	S	02	230.75	2015.21
198364749	05	VZC	V	Z	C	01	196.14	2211.35
198364750	01	OUZ	O	U	Z	02	238.45	476.90
198364751	01	IZO	I	Z	O	01	192.30	192.30
198364751	02	FAT	F	A	T	04	103.83	607.62
198364751	03	MMA	M	M	A	04	107.68	1038.34
198364751	04	DAD	D	A	D	02	034.60	1107.54
198364751	05	KUR	K	U	R	11	192.29	3222.73
198364751	06	EPR	E	P	R	06	149.99	4122.67
198364751	07	QPL	Q	P	L	07	173.06	5334.09
198364751	08	WDM	W	D	M	06	153.84	6257.13
198364751	09	DCE	D	C	E	06	046.14	6533.97
198364751	10	DAP	D	A	P	05	080.75	6937.72
198364752	01	WIZ	W	I	Z	02	223.07	446.14
198364752	02	TRI	T	R	I	05	180.76	1349.94
198364752	03	FYH	F	Y	H	03	149.98	1799.88
198364752	04	VPB	V	P	B	08	153.83	3030.52
198364752	05	ODL	O	D	L	02	119.22	3268.96
198364752	06	VMU	V	M	U	03	219.21	3926.59

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364752	07	CIG	C	I	G	06	073.06	4364.95

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364752	08	MES	M	E	S	09	146.14	5680.21
198364752	09	ZYR	Z	Y	R	03	265.38	6476.35
198364752	10	AAC	A	A	C	05	019.21	6572.40
198364753	01	AUB	A	U	B	10	092.29	922.90
198364753	02	AQI	A	Q	I	04	103.83	1338.22
198364753	03	ORW	O	R	W	01	215.38	1553.60
198364753	04	DMA	D	M	A	04	073.06	1845.84
198364753	05	HGM	H	G	M	01	107.68	1953.52
198364753	06	ZOA	Z	O	A	03	161.53	2438.11
198364753	07	PJF	P	J	F	04	123.06	2930.35
198364753	08	CYS	C	Y	S	03	180.75	3472.60
198364753	09	FOW	F	O	W	03	169.22	3980.26
198364753	10	MBI	M	B	I	03	096.14	4268.68
198364754	01	DBB	D	B	B	03	030.76	92.28
198364754	02	MBP	M	B	P	01	119.22	211.50
198364754	03	WJU	W	J	U	03	207.68	834.54
198364754	04	OII	O	I	I	09	126.91	1976.73
198364754	05	QKF	Q	K	F	01	130.75	2107.48
198364754	06	KMZ	K	M	Z	01	196.14	2303.62
198364754	07	GEO	G	E	O	06	103.84	2926.66
198364754	08	YLS	Y	L	S	02	215.37	3357.40
198364754	09	EMM	E	M	M	03	123.07	3726.61
198364755	01	VUL	V	U	L	02	211.52	423.04
198364755	02	FYD	F	Y	D	07	134.60	1365.24

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364755	03	QMP	Q	M	P	09	176.91	2957.43
198364755	04	QMB	Q	M	B	06	123.07	3695.85
198364756	01	OGU	O	G	U	03	165.37	496.11
198364756	02	DMG	D	M	G	06	096.14	1072.95
198364756	03	EDY	E	D	Y	09	130.76	2249.79
198364756	04	RIU	R	I	U	01	184.60	2434.39
198364757	01	BUT	B	U	T	08	165.37	1322.96
198364757	02	YMS	Y	M	S	04	223.06	2215.20
198364757	03	YVP	Y	V	P	06	242.29	3668.94
198364757	04	FOP	F	O	P	07	142.29	4664.97
198364758	01	DOP	D	O	P	02	134.60	269.20
198364758	02	HXJ	H	X	J	03	161.52	753.76
198364758	03	LPL	L	P	L	05	153.83	1522.91
198364759	01	QEL	Q	E	L	04	130.76	523.04
198364759	02	EYD	E	Y	D	02	130.76	784.56
198364759	03	DVW	D	V	W	01	188.45	973.01
198364760	01	XFZ	X	F	Z	04	215.37	861.48
198364760	02	SHE	S	H	E	01	123.06	984.54
198364760	03	BRI	B	R	I	08	111.53	1876.78
198364760	04	VYS	V	Y	S	04	253.83	2892.10
198364761	01	SRH	S	R	H	03	173.06	519.18
198364761	02	IDA	I	D	A	02	053.83	626.84
198364761	03	MXK	M	X	K	05	188.44	1569.04
198364761	04	GSM	G	S	M	05	153.83	2338.19

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364762	01	OJV	O	J	V	03	180.76	542.28

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364762	02	FQF	F	Q	F	01	111.52	653.80
198364762	03	ZYK	Z	Y	K	01	238.45	892.25
198364762	04	YTA	Y	T	A	05	176.91	1776.80
198364762	05	HOQ	H	O	Q	05	153.83	2545.95
198364763	01	RBO	R	B	O	08	134.61	1076.88
198364763	02	JFT	J	F	T	03	138.45	1492.23
198364763	03	GGS	G	G	S	16	126.91	3522.79
198364763	04	UWQ	U	W	Q	01	234.60	3757.39
198364763	05	JMG	J	M	G	01	119.22	3876.61
198364763	06	LEW	L	E	W	01	153.84	4030.45
198364763	07	BYK	B	Y	K	07	146.14	5053.43
198364764	01	DZE	D	Z	E	12	134.61	1615.32
198364764	02	TUF	T	U	F	04	180.75	2338.32
198364764	03	GGU	G	G	U	03	134.60	2742.12
198364764	04	ILD	I	L	D	05	096.14	3222.82
198364764	05	SVZ	S	V	Z	01	257.68	3480.50
198364765	01	AWP	A	W	P	03	153.83	461.49
198364765	02	MMC	M	M	C	05	119.21	1057.54
198364765	03	MMT	M	M	T	02	180.76	1419.06
198364765	04	MZR	M	Z	R	04	223.07	2311.34
198364765	05	LGL	L	G	L	02	119.22	2549.78
198364765	06	UFP	U	F	P	03	165.36	3045.86
198364765	07	HFV	H	F	V	07	138.44	4014.94

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364765	08	AMQ	A	M	Q	02	123.06	4261.06
198364766	01	GRR	G	R	R	05	165.38	826.90
198364767	01	WPM	W	P	M	14	199.99	2799.86

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364767	02	MEJ	M	E	J	03	111.53	3134.45
198364767	03	DMU	D	M	U	02	149.98	3434.41
198364767	04	JVT	J	V	T	02	199.99	3834.39
198364768	01	KWA	K	W	A	04	134.60	538.40
198364768	02	QGM	Q	G	M	05	142.30	1249.90
198364768	03	CJC	C	J	C	06	061.52	1619.02
198364768	04	FOQ	F	O	Q	02	146.14	1911.30
198364768	05	ZJG	Z	J	G	03	165.38	2407.44
198364768	06	VLR	V	L	R	10	199.99	4407.34
198364768	07	JSP	J	S	P	09	173.06	5964.88
198364768	08	SJP	S	J	P	05	173.06	6830.18
198364769	01	FLQ	F	L	Q	06	134.60	807.60
198364769	02	WUB	W	U	B	06	176.91	1869.06
198364769	03	YRC	Y	R	C	06	176.91	2930.52
198364769	04	DSV	D	S	V	01	173.06	3103.58
198364769	05	BAP	B	A	P	09	073.06	3761.12
198364769	06	XYK	X	Y	K	02	230.75	4222.62
198364770	01	RYG	R	Y	G	07	192.30	1346.10
198364770	02	YMB	Y	M	B	14	157.68	3553.62
198364770	03	LIV	L	I	V	01	165.37	3718.99
198364770	04	VWR	V	W	R	10	242.30	6141.99

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364770	05	PSY	P	S	Y	05	230.75	7295.74
198364770	06	TTS	T	T	S	14	226.91	10472.48
198364771	01	XGM	X	G	M	02	169.22	338.44
198364771	02	GID	G	I	D	02	076.91	492.26
198364771	03	TGF	T	G	F	02	126.91	746.08

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364771	04	KMX	K	M	X	01	184.60	930.68
198364771	05	TTD	T	T	D	08	169.22	2284.44
198364771	06	WEH	W	E	H	05	138.45	2976.69
198364772	01	LEB	L	E	B	03	073.07	219.21
198364772	02	GAW	G	A	W	08	119.22	1172.97
198364773	01	MJC	M	J	C	01	103.83	103.83
198364773	02	YWZ	Y	W	Z	02	284.61	673.05
198364773	03	ODG	O	D	G	03	099.99	973.02
198364773	04	KJW	K	J	W	09	169.22	2496.00
198364773	05	WYE	W	Y	E	07	203.84	3922.88
198364774	01	ZDX	Z	D	X	06	207.68	1246.08
198364774	02	IHJ	I	H	J	02	103.83	1453.74
198364774	03	GKC	G	K	C	01	080.75	1534.49
198364774	04	UOC	U	O	C	01	149.98	1684.47
198364774	05	QOP	Q	O	P	02	184.60	2053.67
198364774	06	KZQ	K	Z	Q	02	207.68	2469.03
198364774	07	MXB	M	X	B	08	153.83	3699.67
198364774	08	DTA	D	T	A	07	096.14	4372.65
198364775	01	FAK	F	A	K	01	069.21	69.21

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364775	02	WKI	W	K	I	13	165.37	2219.02
198364775	03	IJT	I	J	T	06	149.99	3118.96
198364775	04	IKK	I	K	K	13	119.21	4668.69
198364775	05	ULT	U	L	T	01	203.83	4872.52
198364775	06	FSM	F	S	M	06	149.98	5772.40
198364775	07	FHU	F	H	U	07	134.59	6714.53
198364775	08	SVM	S	V	M	01	211.52	6926.05

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364776	01	MLZ	M	L	Z	03	199.99	599.97
198364776	02	ORK	O	R	K	06	169.22	1615.29
198364776	03	EVG	E	V	G	12	130.76	3184.41
198364776	04	RZG	R	Z	G	04	196.15	3969.01
198364777	01	DHA	D	H	A	04	049.98	199.92
198364778	01	MGM	M	G	M	02	130.76	261.52
198364778	02	UAR	U	A	R	04	153.83	876.84
198364778	03	MRH	M	R	H	01	153.83	1030.67
198364778	04	IUS	I	U	S	02	188.44	1407.55
198364778	05	OSE	O	S	E	02	149.99	1707.53
198364779	01	DTQ	D	T	Q	01	157.68	157.68
198364779	02	ETW	E	T	W	02	184.61	526.90
198364779	03	DQB	D	Q	B	03	088.45	792.25
198364779	04	UPD	U	P	D	07	157.67	1895.94
198364780	01	ICD	I	C	D	05	061.52	307.60
198364780	02	CFJ	C	F	J	05	073.06	672.90
198364780	03	TTG	T	T	G	04	180.76	1395.94

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364781	01	TLJ	T	L	J	13	161.53	2099.89
198364781	02	BQC	B	Q	C	01	084.60	2184.49
198364781	03	QLR	Q	L	R	03	180.76	2726.77
198364781	04	RMQ	R	M	Q	04	188.45	3480.57
198364781	05	FPO	F	P	O	03	142.29	3907.44
198364781	06	BMS	B	M	S	02	130.76	4168.96
198364781	07	OVF	O	V	F	03	165.37	4665.07
198364782	01	IWM	I	W	M	10	176.91	1769.10
198364782	02	SUF	S	U	F	05	176.90	2653.60

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364782	03	XAK	X	A	K	06	138.44	3484.24
198364782	04	XPQ	X	P	Q	03	219.21	4141.87
198364782	05	JIW	J	I	W	04	161.53	4787.99
198364783	01	GEL	G	E	L	03	092.30	276.90
198364783	02	RQJ	R	Q	J	14	173.07	2699.88
198364783	03	JFY	J	F	Y	04	157.68	3330.60
198364783	04	MAV	M	A	V	07	142.29	4326.63
198364784	01	OLJ	O	L	J	01	142.30	142.30
198364785	01	EGP	E	G	P	04	107.68	430.72
198364785	02	YGR	Y	G	R	03	192.30	1007.62
198364786	01	GTJ	G	T	J	03	142.30	426.90
198364786	02	REA	R	E	A	03	092.30	703.80
198364786	03	DUD	D	U	D	01	111.52	815.32
198364786	04	IFX	I	F	X	05	149.98	1565.22
198364786	05	XTP	X	T	P	03	230.75	2257.47

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364786	06	CKX	C	K	X	05	146.13	2988.12
198364786	07	ZAI	Z	A	I	06	138.45	3818.82
198364786	08	TPF	T	P	F	02	161.52	4141.86
198364787	01	VWJ	V	W	J	04	211.53	846.12
198364787	02	LLL	L	L	L	04	138.45	1399.92
198364787	03	MTO	M	T	O	04	184.61	2138.36
198364787	04	LWC	L	W	C	04	146.14	2722.92
198364787	05	CAV	C	A	V	03	099.98	3022.86
198364787	06	SKQ	S	K	Q	06	180.75	4107.36
198364788	01	FWX	F	W	X	04	203.83	815.32
198364788	02	BLY	B	L	Y	01	149.99	965.31

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364788	03	LOK	L	O	K	01	146.14	1111.45
198364788	04	RXG	R	X	G	01	188.45	1299.90
198364788	05	FKG	F	K	G	02	092.29	1484.48
198364788	06	KHD	K	H	D	04	088.44	1838.24
198364788	07	OMO	O	M	O	01	165.38	2003.62
198364788	08	AVR	A	V	R	05	157.68	2792.02
198364788	09	ZHA	Z	H	A	14	134.60	4676.42
198364788	10	OKB	O	K	B	05	107.68	5214.82
198364789	01	XMM	X	M	M	07	196.14	1372.98
198364789	02	EUR	E	U	R	10	169.22	3065.18
198364789	03	PEK	P	E	K	11	123.06	4418.84
198364789	04	GIV	G	I	V	17	146.14	6903.22
198364789	05	JWA	J	W	A	05	130.76	7557.02

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364789	06	DAC	D	A	C	05	030.75	7710.77
198364789	07	RAK	R	A	K	02	115.37	7941.51
198364790	01	CCO	C	C	O	02	080.75	161.50
198364790	02	VVY	V	V	Y	06	265.37	1753.72
198364790	03	SPF	S	P	F	04	157.67	2384.40
198364790	04	MFC	M	F	C	04	088.44	2738.16
198364790	05	MVZ	M	V	Z	08	234.61	4615.04
198364790	06	QMF	Q	M	F	07	138.45	5584.19
198364790	07	CXM	C	X	M	06	153.83	6507.17
198364791	01	AHK	A	H	K	04	076.90	307.60
198364791	02	SLF	S	L	F	01	142.29	449.89
198364791	03	GXR	G	X	R	06	188.45	1580.59
198364791	04	YGQ	Y	G	Q	13	188.45	4030.44

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364791	05	MPJ	M	P	J	02	149.99	4330.42
198364792	01	WXY	W	X	Y	02	276.91	553.82
198364793	01	KAH	K	A	H	01	076.90	76.90
198364793	02	DUC	D	U	C	03	107.67	399.91
198364793	03	LXU	L	X	U	05	219.21	1495.96
198364794	01	BEC	B	E	C	07	038.45	269.15
198364794	02	ICC	I	C	C	02	057.67	384.49
198364794	03	YMM	Y	M	M	03	199.99	984.46
198364794	04	RCM	R	C	M	02	130.76	1245.98
198364794	05	QUH	Q	U	H	14	176.90	3722.58
198364794	06	MKM	M	K	M	04	149.98	4322.50

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364794	07	UYQ	U	Y	Q	04	242.29	5291.66
198364794	08	DLI	D	L	I	07	096.14	5964.64
198364795	01	ESP	E	S	P	08	153.83	1230.64
198364796	01	HGK	H	G	K	04	099.98	399.92
198364796	02	EXA	E	X	A	02	115.37	630.66
198364796	03	HDJ	H	D	J	04	084.60	969.06
198364796	04	MOM	M	O	M	01	157.69	1126.75
198364796	05	IHW	I	H	W	08	153.83	2357.39
198364796	06	MGK	M	G	K	07	123.06	3218.81
198364796	07	ESB	E	S	B	04	099.99	3618.77
198364797	01	JMH	J	M	H	05	119.22	596.10
198364797	02	UHM	U	H	M	04	161.52	1242.18
198364797	03	RJS	R	J	S	03	180.76	1784.46
198364797	04	BSW	B	S	W	07	169.22	2969.00
198364797	05	QSO	Q	S	O	04	196.14	3753.56

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364797	06	AXC	A	X	C	01	107.67	3861.23
198364797	07	KYE	K	Y	E	05	157.68	4649.63
198364797	08	HFW	H	F	W	07	142.29	5645.66
198364797	09	BFW	B	F	W	02	119.22	5884.10
198364798	01	OPT	O	P	T	05	196.14	980.70
198364798	02	BVQ	B	V	Q	02	157.68	1296.06
198364798	03	JHV	J	H	V	09	153.83	2680.53
198364798	04	QCV	Q	C	V	03	161.52	3165.09
198364798	05	FRS	F	R	S	02	165.37	3495.83

Transaction_ID	Item_ID	Product_Code	Prod1	Prod2	Prod3	Units	Price	Cost
198364798	06	AWC	A	W	C	08	103.83	4326.47
198364798	07	DGR	D	G	R	02	111.53	4549.53
198364798	08	TDM	T	D	M	01	146.14	4695.67
198364798	09	CSF	C	S	F	02	107.67	4911.01
198364799	01	ZXZ	Z	X	Z	02	292.30	584.60
198364799	02	BPC	B	P	C	02	080.75	746.10
198364799	03	JMU	J	M	U	04	173.06	1438.34
198364800	01	KBM	K	B	M	07	103.83	726.81
198364800	02	HSC	H	S	C	01	115.36	842.17

The FREQ Procedure

Prod1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A	20	3.72	20	3.72
B	25	4.66	45	8.38
C	20	3.72	65	12.10
D	35	6.52	100	18.62
E	21	3.91	121	22.53
F	28	5.21	149	27.75
G	21	3.91	170	31.66
H	15	2.79	185	34.45

			Cumulative	Cumulative
	Frequency	Percent	Frequency	Percent
I	20	3.72	205	38.18
J	22	4.10	227	42.27
K	24	4.47	251	46.74
L	18	3.35	269	50.09
M	39	7.26	308	57.36
O	23	4.28	331	61.64
P	20	3.72	351	65.36
Q	18	3.35	369	68.72
R	18	3.35	387	72.07
S	16	2.98	403	75.05
T	17	3.17	420	78.21
U	20	3.72	440	81.94
V	24	4.47	464	86.41
W	19	3.54	483	89.94
X	19	3.54	502	93.48
Y	19	3.54	521	97.02
Z	16	2.98	537	100.00

The FREQ Procedure

Prod2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A	24	4.47	24	4.47
B	13	2.42	37	6.89
C	16	2.98	53	9.87
D	14	2.61	67	12.48
E	22	4.10	89	16.57
F	23	4.28	112	20.86
G	23	4.28	135	25.14
H	19	3.54	154	28.68
I	16	2.98	170	31.66
J	17	3.17	187	34.82
K	22	4.10	209	38.92
L	21	3.91	230	42.83
M	45	8.38	275	51.21
O	22	4.10	297	55.31
P	18	3.35	315	58.66
Q	21	3.91	336	62.57
R	21	3.91	357	66.48
S	21	3.91	378	70.39
T	21	3.91	399	74.30
U	22	4.10	421	78.40
V	30	5.59	451	83.99
W	21	3.91	472	87.90
X	24	4.47	496	92.36
Y	24	4.47	520	96.83
Z	17	3.17	537	100.00

The FREQ Procedure

Prod3	Frequency	Percent	Cumulative Frequency	Cumulative Percent

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_____
A          20       3.72       20        3.72
B          20       3.72       40        7.45
C          31       5.77       71       13.22
D          20       3.72       91       16.95
E          20       3.72      111       20.67
F          23       4.28      134       24.95
G          19       3.54      153       28.49
H          14       2.61      167       31.10
I          17       3.17      184       34.26
J          26       4.84      210       39.11
K          19       3.54      229       42.64
L          13       2.42      242       45.07
M          52       9.68      294       54.75
O          16       2.98      310       57.73
P          26       4.84      336       62.57
Q          24       4.47      360       67.04
R          27       5.03      387       72.07
S          25       4.66      412       76.72
T          14       2.61      426       79.33
U          13       2.42      439       81.75
V          14       2.61      453       84.36
W          27       5.03      480       89.39
X          20       3.72      500       93.11
Y          18       3.35      518       96.46
Z          19       3.54      537      100.00
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The FREQ Procedure

Table of Prod2 by Prod3

Prod2   Prod3

Frequency	A	B	C	D	E	F	G	Total
A	0	1	4	1	0	0	0	24
B	0	1	0	1	1	0	0	13
C	0	0	2	1	1	0	0	16
D	2	0	0	0	0	0	1	14
E	1	2	1	0	1	2	0	22
F	0	0	2	0	1	2	0	23
G	1	1	0	0	0	1	0	23
H	2	0	0	1	1	0	1	19
I	0	0	0	1	1	0	1	16
J	1	0	2	1	0	1	2	17

K	1	1	2	0	1	1	2	22
L	0	0	1	1	1	2	1	21
M	2	2	1	0	3	2	3	45
Total	20	20	31	20	20	23	19	537

(Continued)

The FREQ Procedure

Table of Prod2 by Prod3

Prod2   Prod3

Frequency	A	B	C	D	E	F	G	Total
O	1	1	1	0	1	0	0	22
P	0	1	2	1	0	2	0	18
Q	0	2	5	2	0	1	0	21
R	0	1	2	0	0	0	0	21
S	0	1	1	1	1	2	0	21
T	2	0	0	1	1	0	1	21
U	0	2	1	2	1	2	1	22
V	3	1	0	0	1	2	1	30
W	3	0	2	1	1	0	0	21
X	1	1	1	1	0	1	2	24
Y	0	1	0	3	2	1	2	24
Z	0	1	1	1	1	1	1	17
Total	20	20	31	20	20	23	19	537

(Continued)

The FREQ Procedure

Table of Prod2 by Prod3

Prod2   Prod3

Frequency	H	I	J	K	L	M	O	Total
A	1	1	0	3	0	3	0	24

								Total
B	0	1	2	0	1	2	1	13
C	1	1	1	0	0	2	1	16
D	1	0	1	0	1	3	1	14
E	1	0	1	1	2	2	2	22
F	0	0	1	0	1	2	0	23
G	1	0	0	2	1	5	1	23
H	0	0	2	2	0	1	2	19
I	0	2	0	1	0	0	0	16
J	0	0	0	0	0	0	0	17
K	1	2	1	1	0	2	0	22
L	0	1	2	0	1	2	0	21
M	2	0	1	1	0	6	2	45
Total	14	17	26	19	13	52	16	537

(Continued)

The FREQ Procedure

Table of Prod2 by Prod3

Prod2   Prod3

Frequency	H	I	J	K	L	M	O	Total
O	0	0	1	1	0	3	0	22
P	0	0	1	0	2	3	1	18
Q	1	1	3	1	0	1	0	21
R	3	3	1	1	0	1	0	21
S	0	0	1	0	0	2	1	21
T	0	1	1	0	1	1	1	21
U	1	1	1	1	1	1	0	22
V	0	2	1	0	0	4	0	30
W	0	0	1	0	0	3	0	21
X	0	1	1	1	0	2	1	24

Y	1	0	2	3	1	0	1	24
Z	0	0	0	0	1	1	1	17
Total	14	17	26	19	13	52	16	537

(Continued)

The FREQ Procedure

Table of Prod2 by Prod3

Prod2   Prod3

Frequency	P	Q	R	S	T	U	V	Total
A	2	0	1	0	1	0	2	24
B	1	0	0	0	0	0	0	13
C	0	1	0	0	1	0	1	16
D	0	0	0	1	0	0	0	14
E	1	1	1	1	0	0	0	22
F	1	0	1	3	1	0	1	23
G	1	1	2	1	0	2	0	23
H	0	1	1	0	1	1	2	19
I	1	0	2	0	0	1	2	16
J	2	2	0	1	1	2	1	17
K	0	1	0	1	1	0	0	22
L	0	1	2	1	1	0	0	21
M	2	2	2	2	1	3	0	45
Total	26	24	27	25	14	13	14	537

(Continued)

The FREQ Procedure

Table of Prod2 by Prod3

Prod2   Prod3

Frequency	P	Q	R	S	T	U	V	Total

O	3	3	0	0	0	0	0	22
P	0	1	2	0	1	0	0	18
Q	0	0	1	0	1	0	0	21
R	1	0	2	2	0	2	0	21
S	3	0	0	0	1	0	2	21
T	3	3	0	1	0	0	0	21
U	0	0	3	1	1	0	0	22
V	3	2	1	3	1	1	0	30
W	2	1	1	1	0	0	1	21
X	0	0	2	1	0	1	0	24
Y	0	1	2	3	0	0	1	24
Z	0	3	1	2	1	0	1	17
Total	26	24	27	25	14	13	14	537

(Continued)

The FREQ Procedure

Table of Prod2 by Prod3

Prod2   Prod3

Frequency	W	X	Y	Z	Total
A	1	2	1	0	24
B	1	1	0	0	13
C	1	0	1	1	16
D	1	1	1	0	14
E	2	0	0	0	22
F	3	2	1	1	23
G	1	0	1	1	23
H	1	0	0	0	19
I	1	1	1	1	16
J	1	0	0	0	17

K	2	1	1	0	22
L	0	1	2	1	21
M	2	2	1	3	45
Total	27	20	18	19	537

(Continued)

The FREQ Procedure

Table of Prod2 by Prod3

Prod2   Prod3

Frequency	W	X	Y	Z	Total
O	3	1	1	2	22
P	0	1	0	0	18
Q	0	0	1	1	21
R	2	0	0	0	21
S	1	1	2	1	21
T	1	2	0	1	21
U	0	1	0	1	22
V	1	0	1	2	30
W	1	2	0	1	21
X	1	1	3	2	24
Y	0	0	0	0	24
Z	0	0	0	0	17
Total	27	20	18	19	537

The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	537	3.8864060	2.3971651	1.0000000	10.0000000
Units	537	4.6014898	3.1589481	1.0000000	17.0000000
Price	537	154.2906704	49.5028845	19.2100000	292.3000000
Count	537	6.7728119	2.4495975	1.0000000	10.0000000
Cost	537	2778.79	2008.21	61.5200000	10472.48

-------------------------------- Transaction_ID=198364701 ---------------------------------

The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	9	5.0000000	2.7386128	1.0000000	9.0000000
Units	9	4.0000000	2.7386128	1.0000000	8.0000000
Price	9	121.7811111	55.1727073	19.2100000	203.8400000
Count	9	9.0000000	0	9.0000000	9.0000000
Cost	9	2324.94	1423.32	346.1200000	4441.84

-------------------------------- Transaction_ID=198364702 ---------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	9	5.0000000	2.7386128	1.0000000	9.0000000
Units	9	6.4444444	2.3511227	4.0000000	10.0000000
Price	9	156.4000000	55.2702013	61.5300000	269.2200000
Count	9	9.0000000	0	9.0000000	9.0000000
Cost	9	4708.25	2592.06	946.0800000	8349.37

-------------------------------- Transaction_ID=198364703 ---------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	3	2.0000000	1.0000000	1.0000000	3.0000000
Units	3	4.0000000	2.0000000	2.0000000	6.0000000
Price	3	157.6766667	17.6178215	142.3000000	176.9000000
Count	3	3.0000000	0	3.0000000	3.0000000
Cost	3	1128.11	718.2791843	569.2000000	1938.26

-------------------------------- Transaction_ID=198364704 ---------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	5	3.0000000	1.5811388	1.0000000	5.0000000
Units	5	4.2000000	2.1679483	1.0000000	6.0000000
Price	5	163.0640000	50.6286458	111.5300000	242.2900000
Count	5	5.0000000	0	5.0000000	5.0000000
Cost	5	1925.23	988.1330391	653.8000000	3018.98

-------------------------------- Transaction_ID=198364705 ---------------------------------

The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	2	1.5000000	0.7071068	1.0000000	2.0000000
Units	2	5.5000000	2.1213203	4.0000000	7.0000000
Price	2	215.3700000	43.5153513	184.6000000	246.1400000
Count	2	2.0000000	0	2.0000000	2.0000000
Cost	2	2092.18	522.1276472	1722.98	2461.38

-------------------------------- Transaction_ID=198364706 --------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	10	5.5000000	3.0276504	1.0000000	10.0000000
Units	10	3.5000000	2.4152295	1.0000000	7.0000000
Price	10	196.5240000	35.0837060	157.6800000	273.0600000
Count	10	10.0000000	0	10.0000000	10.0000000
Cost	10	4571.96	2406.46	169.2200000	7010.99

-------------------------------- Transaction_ID=198364707 --------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	5	3.0000000	1.5811388	1.0000000	5.0000000
Units	5	4.8000000	4.8166378	1.0000000	13.0000000
Price	5	194.6060000	47.9329785	149.9900000	261.5300000
Count	5	5.0000000	0	5.0000000	5.0000000
Cost	5	3801.33	956.6701437	2299.83	4676.68

-------------------------------- Transaction_ID=198364708 --------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	9	5.0000000	2.7386128	1.0000000	9.0000000
Units	9	3.5555556	1.6666667	1.0000000	6.0000000
Price	9	131.1822222	49.0059312	80.7600000	242.2900000
Count	9	9.0000000	0	9.0000000	9.0000000
Cost	9	2039.10	1633.12	161.5200000	4399.52

-------------------------------- Transaction_ID=198364709 --------------------------------

The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	3	2.0000000	1.0000000	1.0000000	3.0000000
Units	3	5.0000000	3.6055513	1.0000000	8.0000000
Price	3	161.5233333	39.0328340	126.9100000	203.8300000

```
     Count           3        3.0000000                 0        3.0000000        3.0000000
     Cost            3         1278.08           1005.22      203.8300000          2195.93
   _____



------------------------------- Transaction_ID=198364710 ----------------------------------

     Variable        N            Mean           Std Dev          Minimum          Maximum
   _____

     Item_ID         3        2.0000000         1.0000000        1.0000000        3.0000000
     Units           3        6.6666667         3.7859389        4.0000000       11.0000000
     Price           3      183.3200000        60.3577195      115.3800000      230.7500000
     Count           3        3.0000000                 0        3.0000000        3.0000000
     Cost            3         2934.40       756.5759072          2242.13          3742.03
   _____



------------------------------- Transaction_ID=198364711 ----------------------------------

     Variable        N            Mean           Std Dev          Minimum          Maximum
   _____

     Item_ID         2        1.5000000         0.7071068        1.0000000        2.0000000
     Units           2        3.0000000                 0        3.0000000        3.0000000
     Price           2      142.2950000        27.1882557      123.0700000      161.5200000
     Count           2        2.0000000                 0        2.0000000        2.0000000
     Cost            2      669.1650000       261.0708947      484.5600000      853.7700000
   _____



------------------------------- Transaction_ID=198364712 ----------------------------------

     Variable        N            Mean           Std Dev          Minimum          Maximum
   _____

     Item_ID         3        2.0000000         1.0000000        1.0000000        3.0000000
     Units           3        4.0000000         2.6457513        2.0000000        7.0000000
     Price           3      156.3966667        68.4144614      107.6700000      234.6100000
     Count           3        3.0000000                 0        3.0000000        3.0000000
     Cost            3      990.8900000       728.9021237      253.8200000          1711.34
   _____


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------------------------------- Transaction_ID=198364713 ----------------------------------

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     Variable        N            Mean           Std Dev          Minimum          Maximum
   _____

     Item_ID         3        2.0000000         1.0000000        1.0000000        3.0000000
     Units           3        2.6666667         2.0816660        1.0000000        5.0000000
     Price           3      125.6266667        59.6247141       57.6800000      169.2200000
     Count           3        3.0000000                 0        3.0000000        3.0000000
     Cost            3      548.6333333       231.3820912      299.9600000      757.5800000
   _____



------------------------------- Transaction_ID=198364714 ----------------------------------
```

```
          Variable     N           Mean        Std Dev        Minimum         Maximum
          ─────────────────────────────────────────────────────────────────────────────
          Item_ID      9      5.0000000      2.7386128      1.0000000       9.0000000
          Units        9      6.3333333      4.1833001      1.0000000      11.0000000
          Price        9    117.9333333     49.1437410     57.6800000     192.3000000
          Count        9      9.0000000              0      9.0000000       9.0000000
          Cost         9      4714.40        1922.61      807.6000000        6672.25
          ─────────────────────────────────────────────────────────────────────────────


------------------------------- Transaction_ID=198364715 -----------------------------------

          Variable     N           Mean        Std Dev        Minimum         Maximum
          ─────────────────────────────────────────────────────────────────────────────
          Item_ID      6      3.5000000      1.8708287      1.0000000       6.0000000
          Units        6      4.8333333      1.6020820      2.0000000       7.0000000
          Price        6    163.4483333     36.2194254    123.0700000     230.7500000
          Count        6      6.0000000              0      6.0000000       6.0000000
          Cost         6      2852.33        1363.10      826.8500000        4665.03
          ─────────────────────────────────────────────────────────────────────────────


------------------------------- Transaction_ID=198364716 -----------------------------------

          Variable     N           Mean        Std Dev        Minimum         Maximum
          ─────────────────────────────────────────────────────────────────────────────
          Item_ID      7      4.0000000      2.1602469      1.0000000       7.0000000
          Units        7      2.1428571      1.0690450      1.0000000       4.0000000
          Price        7    128.0071429     31.5381646     76.9100000     176.9100000
          Count        7      7.0000000              0      7.0000000       7.0000000
          Cost         7      1220.20      657.0144484    292.2800000        1976.70
          ─────────────────────────────────────────────────────────────────────────────


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------------------------------- Transaction_ID=198364717 -----------------------------------

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          Variable     N           Mean        Std Dev        Minimum         Maximum
          ─────────────────────────────────────────────────────────────────────────────
          Item_ID      7      4.0000000      2.1602469      1.0000000       7.0000000
          Units        7      5.0000000      1.4142136      3.0000000       7.0000000
          Price        7    158.7757143     50.2849646     84.5900000     238.4500000
          Count        7      7.0000000              0      7.0000000       7.0000000
          Cost         7      3608.51        1544.38        1372.98        5714.86
          ─────────────────────────────────────────────────────────────────────────────


------------------------------- Transaction_ID=198364718 -----------------------------------

          Variable     N           Mean        Std Dev        Minimum         Maximum
          ─────────────────────────────────────────────────────────────────────────────
          Item_ID      1      1.0000000              .      1.0000000       1.0000000
          Units        1      3.0000000              .      3.0000000       3.0000000
          Price        1    149.9800000              .    149.9800000     149.9800000
```

```
    Count           1       1.0000000           .       1.0000000       1.0000000
    Cost            1     449.9400000           .     449.9400000     449.9400000
    _____



-------------------------------- Transaction_ID=198364719 --------------------------------

    Variable       N         Mean         Std Dev        Minimum         Maximum
    _____

    Item_ID         6       3.5000000       1.8708287       1.0000000       6.0000000
    Units           6       4.8333333       4.1673333       2.0000000      13.0000000
    Price           6     186.5233333      54.7609005     119.2100000     238.4500000
    Count           6       6.0000000               0       6.0000000       6.0000000
    Cost            6        2445.91         1701.53     476.9000000         4676.49
    _____



-------------------------------- Transaction_ID=198364720 --------------------------------

    Variable       N         Mean         Std Dev        Minimum         Maximum
    _____

    Item_ID         3       2.0000000       1.0000000       1.0000000       3.0000000
    Units           3       4.0000000       2.6457513       2.0000000       7.0000000
    Price           3     198.7033333      77.0545160     111.5200000     257.6800000
    Count           3       3.0000000               0       3.0000000       3.0000000
    Cost            3        1278.11         1150.21     453.8200000         2592.14
    _____

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-------------------------------- Transaction_ID=198364721 --------------------------------

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    Variable       N         Mean         Std Dev        Minimum         Maximum
    _____

    Item_ID         6       3.5000000       1.8708287       1.0000000       6.0000000
    Units           6       4.3333333       1.8618987       2.0000000       7.0000000
    Price           6     191.0133333      52.2073059     119.2200000     261.5200000
    Count           6       6.0000000               0       6.0000000       6.0000000
    Cost            6        3188.25         1672.24     669.1800000         5115.05
    _____



-------------------------------- Transaction_ID=198364722 --------------------------------

    Variable       N         Mean         Std Dev        Minimum         Maximum
    _____

    Item_ID         6       3.5000000       1.8708287       1.0000000       6.0000000
    Units           6       4.0000000       2.3664319       1.0000000       7.0000000
    Price           6     147.4233333      19.7109590     123.0600000     165.3700000
    Count           6       6.0000000               0       6.0000000       6.0000000
    Cost            6        1613.98         1335.68     165.3700000         3484.32
    _____



-------------------------------- Transaction_ID=198364723 --------------------------------
```

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	3	2.0000000	1.0000000	1.0000000	3.0000000
Units	3	5.0000000	1.0000000	4.0000000	6.0000000
Price	3	207.6833333	31.4830658	180.7600000	242.3000000
Count	3	3.0000000	0	3.0000000	3.0000000
Cost	3	2125.54	936.6902797	1199.94	3072.94

-------------------------------- Transaction_ID=198364724 ----------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	9	5.0000000	2.7386128	1.0000000	9.0000000
Units	9	4.3333333	3.4641016	1.0000000	12.0000000
Price	9	176.9088889	54.3260215	76.9000000	246.1400000
Count	9	9.0000000	0	9.0000000	9.0000000
Cost	9	4844.52	2162.56	1722.98	7318.66

-------------------------------- Transaction_ID=198364725 ----------------------------------

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Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	7	4.0000000	2.1602469	1.0000000	7.0000000
Units	7	6.0000000	4.5092498	1.0000000	12.0000000
Price	7	162.6257143	54.2903812	76.9100000	242.3000000
Count	7	7.0000000	0	7.0000000	7.0000000
Cost	7	3603.60	2319.85	142.2900000	6895.68

-------------------------------- Transaction_ID=198364726 ----------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	8	4.5000000	2.4494897	1.0000000	8.0000000
Units	8	3.6250000	3.0207615	1.0000000	9.0000000
Price	8	180.7550000	48.9581655	107.6700000	242.3000000
Count	8	8.0000000	0	8.0000000	8.0000000
Cost	8	2526.23	1673.76	242.3000000	5345.75

-------------------------------- Transaction_ID=198364727 ----------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	5	3.0000000	1.5811388	1.0000000	5.0000000
Units	5	3.2000000	2.2803509	1.0000000	7.0000000
Price	5	157.6780000	38.3700459	103.8200000	207.6800000

```
Count         5        5.0000000               0      5.0000000      5.0000000
Cost          5        1221.41       852.7745382    346.1400000        2322.78
```

-------------------------------- Transaction_ID=198364728 --------------------------------

```
Variable      N            Mean         Std Dev        Minimum        Maximum
```

```
Item_ID       9        5.0000000       2.7386128      1.0000000      9.0000000
Units         9        5.6666667       3.3166248      1.0000000     11.0000000
Price         9      154.6877778      43.1636826     76.9100000    203.8300000
Count         9        9.0000000               0      9.0000000      9.0000000
Cost          9        5315.86         2647.89        1076.88        8153.18
```

-------------------------------- Transaction_ID=198364729 --------------------------------

The MEANS Procedure

```
Variable      N            Mean         Std Dev        Minimum        Maximum
```

```
Item_ID       5        3.0000000       1.5811388      1.0000000      5.0000000
Units         5        6.2000000       4.7644517      2.0000000     14.0000000
Price         5       91.5260000      59.2377969     46.1400000    192.3000000
Count         5        5.0000000               0      5.0000000      5.0000000
Cost          5        2141.20         746.1693737    1184.40        2822.66
```

-------------------------------- Transaction_ID=198364730 --------------------------------

```
Variable      N            Mean         Std Dev        Minimum        Maximum
```

```
Item_ID       6        3.5000000       1.8708287      1.0000000      6.0000000
Units         6        6.0000000       3.4058773      2.0000000     12.0000000
Price         6      148.7033333      46.1359754     92.2900000    223.0700000
Count         6        6.0000000               0      6.0000000      6.0000000
Cost          6        2546.50         1568.34        669.1200000       4903.27
```

-------------------------------- Transaction_ID=198364731 --------------------------------

```
Variable      N            Mean         Std Dev        Minimum        Maximum
```

```
Item_ID      10        5.5000000       3.0276504      1.0000000     10.0000000
Units        10        3.6000000       2.8751812      1.0000000     10.0000000
Price        10      154.9840000      50.2486942     69.2200000    238.4600000
Count        10       10.0000000               0     10.0000000     10.0000000
Cost         10        2711.97         1730.30        538.3500000       5814.85
```

-------------------------------- Transaction_ID=198364732 --------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	2	1.5000000	0.7071068	1.0000000	2.0000000
Units	2	1.0000000	0	1.0000000	1.0000000
Price	2	101.9050000	57.1130147	61.5200000	142.2900000
Count	2	2.0000000	0	2.0000000	2.0000000
Cost	2	132.6650000	100.6142239	61.5200000	203.8100000

-------------------------------- Transaction_ID=198364733 ----------------------------------

The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	5	3.0000000	1.5811388	1.0000000	5.0000000
Units	5	8.8000000	4.4944410	3.0000000	13.0000000
Price	5	189.9880000	38.5176177	142.3000000	238.4400000
Count	5	5.0000000	0	5.0000000	5.0000000
Cost	5	5684.17	2203.68	2299.83	8249.40

-------------------------------- Transaction_ID=198364734 ----------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	1	1.0000000	.	1.0000000	1.0000000
Units	1	2.0000000	.	2.0000000	2.0000000
Price	1	142.2900000	.	142.2900000	142.2900000
Count	1	1.0000000	.	1.0000000	1.0000000
Cost	1	284.5800000	.	284.5800000	284.5800000

-------------------------------- Transaction_ID=198364735 ----------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	9	5.0000000	2.7386128	1.0000000	9.0000000
Units	9	5.8888889	4.4845413	2.0000000	16.0000000
Price	9	147.4200000	30.3446186	92.2900000	180.7500000
Count	9	9.0000000	0	9.0000000	9.0000000
Cost	9	4897.28	2685.50	692.2200000	8441.39

-------------------------------- Transaction_ID=198364736 ----------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	2	1.5000000	0.7071068	1.0000000	2.0000000
Units	2	3.0000000	1.4142136	2.0000000	4.0000000
Price	2	213.4450000	29.9176879	192.2900000	234.6000000

```
Count          2        2.0000000             0        2.0000000        2.0000000
Cost           2        1003.76       331.7745017      769.1600000        1238.36
```
_____

-------------------------------- Transaction_ID=198364737 ---------------------------------

                           The MEANS Procedure

```
     Variable      N          Mean          Std Dev         Minimum          Maximum
     _____

     Item_ID       2     1.5000000        0.7071068      1.0000000        2.0000000
     Units         2     4.0000000        1.4142136      3.0000000        5.0000000
     Price         2     128.8300000     13.5905923    119.2200000      138.4400000
     Count         2     2.0000000             0        2.0000000        2.0000000
     Cost          2     713.3700000    421.5063523    415.3200000        1011.42
     _____
```


-------------------------------- Transaction_ID=198364738 ---------------------------------

```
     Variable      N          Mean          Std Dev         Minimum          Maximum
     _____

     Item_ID       8     4.5000000        2.4494897      1.0000000        8.0000000
     Units         8     4.2500000        2.4348658      1.0000000        8.0000000
     Price         8     170.1787500     36.5332821    115.3700000      219.2200000
     Count         8     8.0000000             0        8.0000000        8.0000000
     Cost          8     3344.96         1795.24        1096.10           5838.00
     _____
```


-------------------------------- Transaction_ID=198364739 ---------------------------------

```
     Variable      N          Mean          Std Dev         Minimum          Maximum
     _____

     Item_ID       6     3.5000000        1.8708287      1.0000000        6.0000000
     Units         6     5.8333333        4.3089055      1.0000000       11.0000000
     Price         6     159.6016667     32.1546652    119.2200000      207.6800000
     Count         6     6.0000000             0        6.0000000        6.0000000
     Cost          6     3586.24         2085.27        1072.98           5653.39
     _____
```


-------------------------------- Transaction_ID=198364740 ---------------------------------

```
     Variable      N          Mean          Std Dev         Minimum          Maximum
     _____

     Item_ID       5     3.0000000        1.5811388      1.0000000        5.0000000
     Units         5     3.0000000        1.4142136      1.0000000        5.0000000
     Price         5     133.0620000     47.1578808     80.7500000      199.9900000
     Count         5     5.0000000             0        5.0000000        5.0000000
     Cost          5     1096.01          529.7553790   415.3500000        1757.45
     _____
```

```
-------------------------------- Transaction_ID=198364741 --------------------------------

                             The MEANS Procedure

        Variable      N         Mean        Std Dev        Minimum        Maximum
        ────────────────────────────────────────────────────────────────────────
        Item_ID       2    1.5000000      0.7071068      1.0000000      2.0000000
        Units         2    4.0000000      1.4142136      3.0000000      5.0000000
        Price         2  228.8350000     51.6682925    192.3000000    265.3700000
        Count         2    2.0000000              0      2.0000000      2.0000000
        Cost          2       1359.56    562.9347796    961.5000000        1757.61
        ────────────────────────────────────────────────────────────────────────


-------------------------------- Transaction_ID=198364742 --------------------------------

        Variable      N         Mean        Std Dev        Minimum        Maximum
        ────────────────────────────────────────────────────────────────────────
        Item_ID       3    2.0000000      1.0000000      1.0000000      3.0000000
        Units         3    5.6666667      3.0550505      3.0000000      9.0000000
        Price         3  184.6000000     38.4600000    146.1400000    223.0600000
        Count         3    3.0000000              0      3.0000000      3.0000000
        Cost          3       2369.04       1107.68       1115.30        3215.12
        ────────────────────────────────────────────────────────────────────────


-------------------------------- Transaction_ID=198364743 --------------------------------

        Variable      N         Mean        Std Dev        Minimum        Maximum
        ────────────────────────────────────────────────────────────────────────
        Item_ID       2    1.5000000      0.7071068      1.0000000      2.0000000
        Units         2    4.0000000      2.8284271      2.0000000      6.0000000
        Price         2  211.5250000     48.9671446    176.9000000    246.1500000
        Count         2    2.0000000              0      2.0000000      2.0000000
        Cost          2       1307.55    348.1086684       1061.40       1553.70
        ────────────────────────────────────────────────────────────────────────


-------------------------------- Transaction_ID=198364744 --------------------------------

        Variable      N         Mean        Std Dev        Minimum        Maximum
        ────────────────────────────────────────────────────────────────────────
        Item_ID       4    2.5000000      1.2909944      1.0000000      4.0000000
        Units         4    6.0000000      3.5590261      3.0000000     10.0000000
        Price         4  166.3375000     41.4737928    111.5200000    203.8400000
        Count         4    4.0000000              0      4.0000000      4.0000000
        Cost          4       2361.45       1452.61    576.9000000        4119.08
        ────────────────────────────────────────────────────────────────────────


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-------------------------------- Transaction_ID=198364745 --------------------------------

                             The MEANS Procedure

        Variable      N         Mean        Std Dev        Minimum        Maximum
        ────────────────────────────────────────────────────────────────────────
```

```
             Item_ID       8      4.5000000      2.4494897      1.0000000      8.0000000
             Units         8      3.7500000      2.1213203      1.0000000      6.0000000
             Price         8    154.3137500     32.0756008    107.6800000    199.9900000
             Count         8      8.0000000              0      8.0000000      8.0000000
             Cost          8       2544.47        1438.41    169.2200000        4622.69
           _____


----------------------------- Transaction_ID=198364746 ----------------------------------

             Variable      N         Mean        Std Dev        Minimum        Maximum
           _____

             Item_ID       7      4.0000000      2.1602469      1.0000000      7.0000000
             Units         7      6.2857143      2.5634798      3.0000000     11.0000000
             Price         7    157.6814286     48.8020295    103.8300000    226.9100000
             Count         7      7.0000000              0      7.0000000      7.0000000
             Cost          7       3976.66        1873.37        1361.46        6626.43
           _____


----------------------------- Transaction_ID=198364747 ----------------------------------

             Variable      N         Mean        Std Dev        Minimum        Maximum
           _____

             Item_ID      10      5.5000000      3.0276504      1.0000000     10.0000000
             Units        10      5.7000000      3.5292429      2.0000000     14.0000000
             Price        10    135.7560000     69.0403489     57.6800000    238.4500000
             Count        10     10.0000000              0     10.0000000     10.0000000
             Cost         10       3840.79        1983.63        1430.70        7130.00
           _____


----------------------------- Transaction_ID=198364748 ----------------------------------

             Variable      N         Mean        Std Dev        Minimum        Maximum
           _____

             Item_ID      10      5.5000000      3.0276504      1.0000000     10.0000000
             Units        10      3.5000000      2.9907264      1.0000000     11.0000000
             Price        10    153.4480000     28.1151528     99.9900000    192.3000000
             Count        10     10.0000000              0     10.0000000     10.0000000
             Cost         10       4076.94        1340.91        2030.60        5703.34
           _____
```

```
----------------------------- Transaction_ID=198364749 ----------------------------------

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             Variable      N         Mean        Std Dev        Minimum        Maximum
           _____

             Item_ID       5      3.0000000      1.5811388      1.0000000      5.0000000
             Units         5      3.0000000      3.3911650      1.0000000      9.0000000
             Price         5    157.6760000     57.0491072     84.5900000    230.7500000
             Count         5      5.0000000              0      5.0000000      5.0000000
             Cost          5       1248.35    964.6894212     84.5900000        2211.35
           _____
```

```
--------------------------------- Transaction_ID=198364750 ---------------------------------

        Variable     N          Mean        Std Dev        Minimum        Maximum
        ──────────────────────────────────────────────────────────────────────────
        Item_ID      1     1.0000000              .       1.0000000      1.0000000
        Units        1     2.0000000              .       2.0000000      2.0000000
        Price        1   238.4500000              .     238.4500000    238.4500000
        Count        1     1.0000000              .       1.0000000      1.0000000
        Cost         1   476.9000000              .     476.9000000    476.9000000
        ──────────────────────────────────────────────────────────────────────────


--------------------------------- Transaction_ID=198364751 ---------------------------------

        Variable     N          Mean        Std Dev        Minimum        Maximum
        ──────────────────────────────────────────────────────────────────────────
        Item_ID     10     5.5000000      3.0276504       1.0000000     10.0000000
        Units       10     5.2000000      2.7808871       1.0000000     11.0000000
        Price       10   123.4480000     57.6352802      34.6000000    192.3000000
        Count       10    10.0000000              0      10.0000000     10.0000000
        Cost        10       3535.41        2656.88     192.3000000        6937.72
        ──────────────────────────────────────────────────────────────────────────


--------------------------------- Transaction_ID=198364752 ---------------------------------

        Variable     N          Mean        Std Dev        Minimum        Maximum
        ──────────────────────────────────────────────────────────────────────────
        Item_ID     10     5.5000000      3.0276504       1.0000000     10.0000000
        Units       10     4.6000000      2.4585452       2.0000000      9.0000000
        Price       10   154.9860000     73.1377194      19.2100000    265.3800000
        Count       10    10.0000000              0      10.0000000     10.0000000
        Cost        10       3691.59        2127.27     446.1400000        6572.40
        ──────────────────────────────────────────────────────────────────────────


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--------------------------------- Transaction_ID=198364753 ---------------------------------

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        Variable     N          Mean        Std Dev        Minimum        Maximum
        ──────────────────────────────────────────────────────────────────────────
        Item_ID     10     5.5000000      3.0276504       1.0000000     10.0000000
        Units       10     3.6000000      2.5033311       1.0000000     10.0000000
        Price       10   132.2940000     46.4123475      73.0600000    215.3800000
        Count       10    10.0000000              0      10.0000000     10.0000000
        Cost        10       2470.41        1150.11     922.9000000        4268.68
        ──────────────────────────────────────────────────────────────────────────


--------------------------------- Transaction_ID=198364754 ---------------------------------

        Variable     N          Mean        Std Dev        Minimum        Maximum
        ──────────────────────────────────────────────────────────────────────────
```

```
    Item_ID        9       5.0000000      2.7386128      1.0000000      9.0000000
    Units          9       3.2222222      2.6822462      1.0000000      9.0000000
    Price          9     139.3044444     58.7631175     30.7600000    215.3700000
    Count          9       9.0000000              0      9.0000000      9.0000000
    Cost           9        1948.54        1320.95     92.2800000        3726.61
   _____
```

```
-------------------------------- Transaction_ID=198364755 --------------------------------

    Variable       N           Mean         Std Dev        Minimum        Maximum
   _____

    Item_ID        4       2.5000000      1.2909944      1.0000000      4.0000000
    Units          4       6.0000000      2.9439203      2.0000000      9.0000000
    Price          4     161.5250000     40.5788980    123.0700000    211.5200000
    Count          4       4.0000000              0      4.0000000      4.0000000
    Cost           4        2110.39        1487.01    423.0400000        3695.85
   _____
```

```
-------------------------------- Transaction_ID=198364756 --------------------------------

    Variable       N           Mean         Std Dev        Minimum        Maximum
   _____

    Item_ID        4       2.5000000      1.2909944      1.0000000      4.0000000
    Units          4       4.7500000      3.5000000      1.0000000      9.0000000
    Price          4     144.2175000     39.0329983     96.1400000    184.6000000
    Count          4       4.0000000              0      4.0000000      4.0000000
    Cost           4        1563.31     932.6313896    496.1100000        2434.39
   _____
```

```
-------------------------------- Transaction_ID=198364757 --------------------------------

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    Variable       N           Mean         Std Dev        Minimum        Maximum
   _____

    Item_ID        4       2.5000000      1.2909944      1.0000000      4.0000000
    Units          4       6.2500000      1.7078251      4.0000000      8.0000000
    Price          4     193.2525000     47.1443658    142.2900000    242.2900000
    Count          4       4.0000000              0      4.0000000      4.0000000
    Cost           4        2968.02        1488.16        1322.96        4664.97
   _____
```

```
-------------------------------- Transaction_ID=198364758 --------------------------------

    Variable       N           Mean         Std Dev        Minimum        Maximum
   _____

    Item_ID        3       2.0000000      1.0000000      1.0000000      3.0000000
    Units          3       3.3333333      1.5275252      2.0000000      5.0000000
    Price          3     149.9833333     13.8661182    134.6000000    161.5200000
    Count          3       3.0000000              0      3.0000000      3.0000000
    Cost           3     848.6233333     632.2155329    269.2000000        1522.91
   _____
```

```
-------------------------------- Transaction_ID=198364759 --------------------------------

       Variable      N           Mean         Std Dev         Minimum         Maximum
       ─────────────────────────────────────────────────────────────────────────────
       Item_ID        3       2.0000000       1.0000000       1.0000000       3.0000000
       Units          3       2.3333333       1.5275252       1.0000000       4.0000000
       Price          3     149.9900000      33.3073370     130.7600000     188.4500000
       Count          3       3.0000000               0       3.0000000       3.0000000
       Cost           3     760.2033333     225.9716479     523.0400000     973.0100000
       ─────────────────────────────────────────────────────────────────────────────


-------------------------------- Transaction_ID=198364760 --------------------------------

       Variable      N           Mean         Std Dev         Minimum         Maximum
       ─────────────────────────────────────────────────────────────────────────────
       Item_ID        4       2.5000000       1.2909944       1.0000000       4.0000000
       Units          4       4.2500000       2.8722813       1.0000000       8.0000000
       Price          4     175.9475000      69.6814640     111.5300000     253.8300000
       Count          4       4.0000000               0       4.0000000       4.0000000
       Cost           4        1653.73     941.4150480     861.4800000        2892.10
       ─────────────────────────────────────────────────────────────────────────────

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-------------------------------- Transaction_ID=198364761 --------------------------------

                                     The MEANS Procedure

       Variable      N           Mean         Std Dev         Minimum         Maximum
       ─────────────────────────────────────────────────────────────────────────────
       Item_ID        4       2.5000000       1.2909944       1.0000000       4.0000000
       Units          4       3.7500000       1.5000000       2.0000000       5.0000000
       Price          4     142.2900000      60.6491511      53.8300000     188.4400000
       Count          4       4.0000000               0       4.0000000       4.0000000
       Cost           4        1263.31     857.8386338     519.1800000        2338.19
       ─────────────────────────────────────────────────────────────────────────────


-------------------------------- Transaction_ID=198364762 --------------------------------

       Variable      N           Mean         Std Dev         Minimum         Maximum
       ─────────────────────────────────────────────────────────────────────────────
       Item_ID        5       3.0000000       1.5811388       1.0000000       5.0000000
       Units          5       3.0000000       2.0000000       1.0000000       5.0000000
       Price          5     172.2940000      46.1085548     111.5200000     238.4500000
       Count          5       5.0000000               0       5.0000000       5.0000000
       Cost           5        1282.22     856.7558564     542.2800000        2545.95
       ─────────────────────────────────────────────────────────────────────────────


-------------------------------- Transaction_ID=198364763 --------------------------------

       Variable      N           Mean         Std Dev         Minimum         Maximum
       ─────────────────────────────────────────────────────────────────────────────
```

```
          Item_ID      7      4.0000000      2.1602469      1.0000000      7.0000000
          Units        7      5.2857143      5.5592052      1.0000000     16.0000000
          Price        7    150.5385714     38.8063266    119.2200000    234.6000000
          Count        7      7.0000000              0      7.0000000      7.0000000
          Cost         7      3258.54        1437.45        1076.88        5053.43
         _____


--------------------------------- Transaction_ID=198364764 ----------------------------------

          Variable     N          Mean        Std Dev        Minimum        Maximum
         _____

          Item_ID      5      3.0000000      1.5811388      1.0000000      5.0000000
          Units        5      5.0000000      4.1833001      1.0000000     12.0000000
          Price        5    160.7560000     61.9213189     96.1400000    257.6800000
          Count        5      5.0000000              0      5.0000000      5.0000000
          Cost         5      2679.82      739.8650641      1615.32        3480.50
         _____


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--------------------------------- Transaction_ID=198364765 ----------------------------------

                                 The MEANS Procedure

          Variable     N          Mean        Std Dev        Minimum        Maximum
         _____

          Item_ID      8      4.5000000      2.4494897      1.0000000      8.0000000
          Units        8      3.5000000      1.7728105      2.0000000      7.0000000
          Price        8    152.8687500     36.3022882    119.2100000    223.0700000
          Count        8      8.0000000              0      8.0000000      8.0000000
          Cost         8      2390.13        1364.89      461.4900000      4261.06
         _____


--------------------------------- Transaction_ID=198364766 ----------------------------------

          Variable     N          Mean        Std Dev        Minimum        Maximum
         _____

          Item_ID      1      1.0000000              .      1.0000000      1.0000000
          Units        1      5.0000000              .      5.0000000      5.0000000
          Price        1    165.3800000              .    165.3800000    165.3800000
          Count        1      1.0000000              .      1.0000000      1.0000000
          Cost         1    826.9000000              .    826.9000000    826.9000000
         _____


--------------------------------- Transaction_ID=198364767 ----------------------------------

          Variable     N          Mean        Std Dev        Minimum        Maximum
         _____

          Item_ID      4      2.5000000      1.2909944      1.0000000      4.0000000
          Units        4      5.2500000      5.8523500      2.0000000     14.0000000
          Price        4    165.3725000     42.9444854    111.5300000    199.9900000
          Count        4      4.0000000              0      4.0000000      4.0000000
          Cost         4      3300.78      440.1450989      2799.86        3834.39
         _____
```

```
-------------------------------- Transaction_ID=198364768 --------------------------------

        Variable      N          Mean        Std Dev        Minimum        Maximum
        ─────────────────────────────────────────────────────────────────────────────────

        Item_ID       8     4.5000000      2.4494897      1.0000000      8.0000000
        Units         8     5.5000000      2.7774603      2.0000000     10.0000000
        Price         8   149.5062500     41.2954190     61.5200000    199.9900000
        Count         8     8.0000000              0      8.0000000      8.0000000
        Cost          8     3116.06        2326.85      538.4000000        6830.18
        ─────────────────────────────────────────────────────────────────────────────────
```
```
-------------------------------- Transaction_ID=198364769 --------------------------------

                                    The MEANS Procedure

        Variable      N          Mean        Std Dev        Minimum        Maximum
        ─────────────────────────────────────────────────────────────────────────────────

        Item_ID       6     3.5000000      1.8708287      1.0000000      6.0000000
        Units         6     5.0000000      2.9664794      1.0000000      9.0000000
        Price         6   160.8816667     52.8149257     73.0600000    230.7500000
        Count         6     6.0000000              0      6.0000000      6.0000000
        Cost          6     2782.42        1256.28      807.6000000        4222.62
        ─────────────────────────────────────────────────────────────────────────────────


-------------------------------- Transaction_ID=198364770 --------------------------------

        Variable      N          Mean        Std Dev        Minimum        Maximum
        ─────────────────────────────────────────────────────────────────────────────────

        Item_ID       6     3.5000000      1.8708287      1.0000000      6.0000000
        Units         6     8.5000000      5.1672043      1.0000000     14.0000000
        Price         6   202.5516667     35.9706655    157.6800000    242.3000000
        Count         6     6.0000000              0      6.0000000      6.0000000
        Cost          6     5421.49        3241.63        1346.10       10472.48
        ─────────────────────────────────────────────────────────────────────────────────


-------------------------------- Transaction_ID=198364771 --------------------------------

        Variable      N          Mean        Std Dev        Minimum        Maximum
        ─────────────────────────────────────────────────────────────────────────────────

        Item_ID       6     3.5000000      1.8708287      1.0000000      6.0000000
        Units         6     3.3333333      2.6583203      1.0000000      8.0000000
        Price         6   144.2183333     39.3550746     76.9100000    184.6000000
        Count         6     6.0000000              0      6.0000000      6.0000000
        Cost          6     1294.77        1077.08      338.4400000        2976.69
        ─────────────────────────────────────────────────────────────────────────────────


-------------------------------- Transaction_ID=198364772 --------------------------------

        Variable      N          Mean        Std Dev        Minimum        Maximum
        ─────────────────────────────────────────────────────────────────────────────────
```

```
      Item_ID          2         1.5000000        0.7071068        1.0000000        2.0000000
      Units            2         5.5000000        3.5355339        3.0000000        8.0000000
      Price            2        96.1450000       32.6329780       73.0700000      119.2200000
      Count            2         2.0000000                0        2.0000000        2.0000000
      Cost             2       696.0900000      674.4101636      219.2100000         1172.97
```

```
-------------------------------- Transaction_ID=198364773 ----------------------------------

                                   The MEANS Procedure

        Variable         N              Mean          Std Dev          Minimum          Maximum
        ───────────────────────────────────────────────────────────────────────────────────────

        Item_ID          5         3.0000000        1.5811388        1.0000000        5.0000000
        Units            5         4.4000000        3.4351128        1.0000000        9.0000000
        Price            5       172.2980000       76.7050700       99.9900000      284.6100000
        Count            5         5.0000000                0        5.0000000        5.0000000
        Cost             5          1633.76          1555.94      103.8300000         3922.88
        ───────────────────────────────────────────────────────────────────────────────────────


-------------------------------- Transaction_ID=198364774 ----------------------------------

        Variable         N              Mean          Std Dev          Minimum          Maximum
        ───────────────────────────────────────────────────────────────────────────────────────

        Item_ID          8         4.5000000        2.4494897        1.0000000        8.0000000
        Units            8         3.6250000        2.8753882        1.0000000        8.0000000
        Price            8       148.0612500       50.2335333       80.7500000      207.6800000
        Count            8         8.0000000                0        8.0000000        8.0000000
        Cost             8          2314.23          1142.33          1246.08         4372.65
        ───────────────────────────────────────────────────────────────────────────────────────


-------------------------------- Transaction_ID=198364775 ----------------------------------

        Variable         N              Mean          Std Dev          Minimum          Maximum
        ───────────────────────────────────────────────────────────────────────────────────────

        Item_ID          8         4.5000000        2.4494897        1.0000000        8.0000000
        Units            8         6.0000000        4.9856938        1.0000000       13.0000000
        Price            8       150.4625000       45.7156143       69.2100000      211.5200000
        Count            8         8.0000000                0        8.0000000        8.0000000
        Cost             8          4295.17          2359.86       69.2100000         6926.05
        ───────────────────────────────────────────────────────────────────────────────────────


-------------------------------- Transaction_ID=198364776 ----------------------------------

        Variable         N              Mean          Std Dev          Minimum          Maximum
        ───────────────────────────────────────────────────────────────────────────────────────

        Item_ID          4         2.5000000        1.2909944        1.0000000        4.0000000
        Units            4         6.2500000        4.0311289        3.0000000       12.0000000
        Price            4       174.0300000       31.9303669      130.7600000      199.9900000
        Count            4         4.0000000                0        4.0000000        4.0000000
        Cost             4          2342.17          1518.73      599.9700000         3969.01
        ───────────────────────────────────────────────────────────────────────────────────────
```

------------------------------- Transaction_ID=198364777 -------------------------------

The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	1	1.0000000	.	1.0000000	1.0000000
Units	1	4.0000000	.	4.0000000	4.0000000
Price	1	49.9800000	.	49.9800000	49.9800000
Count	1	1.0000000	.	1.0000000	1.0000000
Cost	1	199.9200000	.	199.9200000	199.9200000

------------------------------- Transaction_ID=198364778 -------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	5	3.0000000	1.5811388	1.0000000	5.0000000
Units	5	2.2000000	1.0954451	1.0000000	4.0000000
Price	5	155.3700000	20.8144457	130.7600000	188.4400000
Count	5	5.0000000	0	5.0000000	5.0000000
Cost	5	1056.82	550.4574802	261.5200000	1707.53

------------------------------- Transaction_ID=198364779 -------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	4	2.5000000	1.2909944	1.0000000	4.0000000
Units	4	3.2500000	2.6299556	1.0000000	7.0000000
Price	4	147.1025000	41.1115713	88.4500000	184.6100000
Count	4	4.0000000	0	4.0000000	4.0000000
Cost	4	843.1925000	748.5187084	157.6800000	1895.94

------------------------------- Transaction_ID=198364780 -------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	3	2.0000000	1.0000000	1.0000000	3.0000000
Units	3	4.6666667	0.5773503	4.0000000	5.0000000
Price	3	105.1133333	65.7655421	61.5200000	180.7600000
Count	3	3.0000000	0	3.0000000	3.0000000
Cost	3	792.1466667	553.8824916	307.6000000	1395.94

------------------------------- Transaction_ID=198364781 -------------------------------

The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	7	4.0000000	2.1602469	1.0000000	7.0000000
Units	7	4.1428571	4.0178175	1.0000000	13.0000000
Price	7	150.5371429	35.3518504	84.6000000	188.4500000
Count	7	7.0000000	0	7.0000000	7.0000000
Cost	7	3319.03	1002.56	2099.89	4665.07

-------------------------------- Transaction_ID=198364782 ----------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	5	3.0000000	1.5811388	1.0000000	5.0000000
Units	5	5.6000000	2.7018512	3.0000000	10.0000000
Price	5	174.5980000	29.4917305	138.4400000	219.2100000
Count	5	5.0000000	0	5.0000000	5.0000000
Cost	5	3367.36	1193.27	1769.10	4787.99

-------------------------------- Transaction_ID=198364783 ----------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	4	2.5000000	1.2909944	1.0000000	4.0000000
Units	4	7.0000000	4.9665548	3.0000000	14.0000000
Price	4	141.3350000	35.0219574	92.3000000	173.0700000
Count	4	4.0000000	0	4.0000000	4.0000000
Cost	4	2658.50	1723.19	276.9000000	4326.63

-------------------------------- Transaction_ID=198364784 ----------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	1	1.0000000	.	1.0000000	1.0000000
Units	1	1.0000000	.	1.0000000	1.0000000
Price	1	142.3000000	.	142.3000000	142.3000000
Count	1	1.0000000	.	1.0000000	1.0000000
Cost	1	142.3000000	.	142.3000000	142.3000000

-------------------------------- Transaction_ID=198364785 ----------------------------------

The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	2	1.5000000	0.7071068	1.0000000	2.0000000
Units	2	3.5000000	0.7071068	3.0000000	4.0000000
Price	2	149.9900000	59.8353758	107.6800000	192.3000000

```
        Count            2       2.0000000               0       2.0000000       2.0000000
        Cost             2     719.1700000     407.9299021     430.7200000         1007.62
       _____



----------------------------------- Transaction_ID=198364786 -----------------------------------

        Variable         N            Mean          Std Dev         Minimum         Maximum
       _____

        Item_ID          8       4.5000000       2.4494897       1.0000000       8.0000000
        Units            8       3.5000000       1.6903085       1.0000000       6.0000000
        Price            8     146.6187500      40.6719986      92.3000000     230.7500000
        Count            8       8.0000000               0       8.0000000       8.0000000
        Cost             8         2089.69         1445.25     426.9000000         4141.86
       _____



----------------------------------- Transaction_ID=198364787 -----------------------------------

        Variable         N            Mean          Std Dev         Minimum         Maximum
       _____

        Item_ID          6       3.5000000       1.8708287       1.0000000       6.0000000
        Units            6       4.1666667       0.9831921       3.0000000       6.0000000
        Price            6     160.2433333      39.8750617      99.9800000     211.5300000
        Count            6       6.0000000               0       6.0000000       6.0000000
        Cost             6         2372.92         1173.55     846.1200000         4107.36
       _____



----------------------------------- Transaction_ID=198364788 -----------------------------------

        Variable         N            Mean          Std Dev         Minimum         Maximum
       _____

        Item_ID         10       5.5000000       3.0276504       1.0000000      10.0000000
        Units           10       3.8000000       3.9665266       1.0000000      14.0000000
        Price           10     143.4480000      38.5939416      88.4400000     203.8300000
        Count           10      10.0000000               0      10.0000000      10.0000000
        Cost            10         2220.16         1552.29     815.3200000         5214.82
       _____
```

```
----------------------------------- Transaction_ID=198364789 -----------------------------------

                                       The MEANS Procedure

        Variable         N            Mean          Std Dev         Minimum         Maximum
       _____

        Item_ID          7       4.0000000       2.1602469       1.0000000       7.0000000
        Units            7       8.1428571       4.9809160       2.0000000      17.0000000
        Price            7     130.2057143      52.0996673      30.7500000     196.1400000
        Count            7       7.0000000               0       7.0000000       7.0000000
        Cost             7         5567.07         2618.74         1372.98         7941.51
       _____



----------------------------------- Transaction_ID=198364790 -----------------------------------
```

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	7	4.0000000	2.1602469	1.0000000	7.0000000
Units	7	5.2857143	2.0586635	2.0000000	8.0000000
Price	7	159.8742857	69.0153060	80.7500000	265.3700000
Count	7	7.0000000	0	7.0000000	7.0000000
Cost	7	3392.03	2257.16	161.5000000	6507.17

-------------------------------- Transaction_ID=198364791 ----------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	5	3.0000000	1.5811388	1.0000000	5.0000000
Units	5	5.2000000	4.7644517	1.0000000	13.0000000
Price	5	149.2160000	45.7077289	76.9000000	188.4500000
Count	5	5.0000000	0	5.0000000	5.0000000
Cost	5	2139.79	1929.95	307.6000000	4330.42

-------------------------------- Transaction_ID=198364792 ----------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	1	1.0000000	.	1.0000000	1.0000000
Units	1	2.0000000	.	2.0000000	2.0000000
Price	1	276.9100000	.	276.9100000	276.9100000
Count	1	1.0000000	.	1.0000000	1.0000000
Cost	1	553.8200000	.	553.8200000	553.8200000

-------------------------------- Transaction_ID=198364793 ----------------------------------

The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	3	2.0000000	1.0000000	1.0000000	3.0000000
Units	3	3.0000000	2.0000000	1.0000000	5.0000000
Price	3	134.5933333	74.8777900	76.9000000	219.2100000
Count	3	3.0000000	0	3.0000000	3.0000000
Cost	3	657.5900000	743.7957097	76.9000000	1495.96

-------------------------------- Transaction_ID=198364794 ----------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	8	4.5000000	2.4494897	1.0000000	8.0000000
Units	8	5.3750000	3.9977672	2.0000000	14.0000000
Price	8	136.5225000	70.2304565	38.4500000	242.2900000

```
Count         8      8.0000000            0        8.0000000        8.0000000
Cost          8      2773.18        2309.54      269.1500000         5964.64
```
_____

```
-------------------------------- Transaction_ID=198364795 --------------------------------

    Variable      N            Mean        Std Dev          Minimum          Maximum
    _____

    Item_ID       1       1.0000000              .        1.0000000        1.0000000
    Units         1       8.0000000              .        8.0000000        8.0000000
    Price         1     153.8300000              .      153.8300000      153.8300000
    Count         1       1.0000000              .        1.0000000        1.0000000
    Cost          1        1230.64              .          1230.64          1230.64
    _____
```

```
-------------------------------- Transaction_ID=198364796 --------------------------------

    Variable      N            Mean        Std Dev          Minimum          Maximum
    _____

    Item_ID       7       4.0000000      2.1602469        1.0000000        7.0000000
    Units         7       4.2857143      2.4976179        1.0000000        8.0000000
    Price         7     119.2171429     27.8264740       84.6000000      157.6900000
    Count         7       7.0000000              0        7.0000000        7.0000000
    Cost          7        1760.19        1296.91      399.9200000         3618.77
    _____
```

```
-------------------------------- Transaction_ID=198364797 --------------------------------

                                   The MEANS Procedure

    Variable      N            Mean        Std Dev          Minimum          Maximum
    _____

    Item_ID       9       5.0000000      2.7386128        1.0000000        9.0000000
    Units         9       4.2222222      2.0480343        1.0000000        7.0000000
    Price         9     150.4133333     30.3741885      107.6700000      196.1400000
    Count         9       9.0000000              0        9.0000000        9.0000000
    Cost          9        3376.21        1884.87      596.1000000         5884.10
    _____
```

```
-------------------------------- Transaction_ID=198364798 --------------------------------

    Variable      N            Mean        Std Dev          Minimum          Maximum
    _____

    Item_ID       9       5.0000000      2.7386128        1.0000000        9.0000000
    Units         9       3.7777778      2.9059326        1.0000000        9.0000000
    Price         9     144.8566667     31.1282661      103.8300000      196.1400000
    Count         9       9.0000000              0        9.0000000        9.0000000
    Cost          9        3344.54        1456.69      980.7000000         4911.01
    _____
```

```
-------------------------------- Transaction_ID=198364799 --------------------------------
```

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	3	2.0000000	1.0000000	1.0000000	3.0000000
Units	3	2.6666667	1.1547005	2.0000000	4.0000000
Price	3	182.0366667	106.0602943	80.7500000	292.3000000
Count	3	3.0000000	0	3.0000000	3.0000000
Cost	3	923.0133333	453.5325154	584.6000000	1438.34

-------------------------------- Transaction_ID=198364800 ---------------------------------

Variable	N	Mean	Std Dev	Minimum	Maximum
Item_ID	2	1.5000000	0.7071068	1.0000000	2.0000000
Units	2	4.0000000	4.2426407	1.0000000	7.0000000
Price	2	109.5950000	8.1529412	103.8300000	115.3600000
Count	2	2.0000000	0	2.0000000	2.0000000
Cost	2	784.4900000	81.5718383	726.8100000	842.1700000

-------------------------------- Transaction_ID=198364701 ---------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

N	9	Sum Weights	9
Mean	2324.94333	Sum Observations	20924.49
Std Deviation	1423.31747	Variance	2025832.62
Skewness	-0.0069754	Kurtosis	-1.3499844
Uncorrected SS	64854914.5	Corrected SS	16206661
Coeff Variation	61.2194478	Std Error Mean	474.439157

Basic Statistical Measures

Location		Variability	
Mean	2324.943	Std Deviation	1423
Median	2688.180	Variance	2025833
Mode	.	Range	4096
		Interquartile Range	1750

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	4.900404	Pr > |t|	0.0012
Sign	M	4.5	Pr >= |M|	0.0039
Signed Rank	S	22.5	Pr >= |S|	0.0039

```
                            Quantiles (Definition 5)

                      Level          Quantile

                      100% Max         4441.84
                      99%              4441.84
                      95%              4441.84
                      90%              4441.84
                      75% Q3           3088.12
                      50% Median       2688.18
                      25% Q1           1338.23
                      10%               346.12
                      5%                346.12
                      1%                346.12
                      0% Min            346.12
```

```
-------------------------------- Transaction_ID=198364701 ----------------------------------

                            The UNIVARIATE Procedure
                              Variable:  Cost

                            Extreme Observations

              ------Lowest-----        -----Highest-----

                 Value     Obs          Value     Obs

                346.12       1        2688.18       5
                692.23       2        3068.91       6
               1338.23       3        3088.12       7
               1465.14       4        3795.72       8
               2688.18       5        4441.84       9
```

```
-------------------------------- Transaction_ID=198364702 ----------------------------------

                            The UNIVARIATE Procedure
                              Variable:  Cost

                                  Moments

N                        9   Sum Weights                    9
Mean              4708.24889   Sum Observations       42374.24
Std Deviation     2592.05903   Variance             6718770.01
Skewness          -0.0030309   Kurtosis             -1.2185367
Uncorrected SS     253258628   Corrected SS         53750160.1
Coeff Variation   55.0535685   Std Error Mean       864.019676


                          Basic Statistical Measures

              Location                      Variability
```

```
         Mean     4708.249     Std Deviation                2592
         Median   4618.960     Variance                  6718770
         Mode         .        Range                        7403
                              Interquartile Range           3884


                        Tests for Location: Mu0=0

            Test           -Statistic-     -----p Value------

            Student's t    t  5.449238     Pr > |t|    0.0006
            Sign           M       4.5     Pr >= |M|   0.0039
            Signed Rank    S      22.5     Pr >= |S|   0.0039


                           Quantiles (Definition 5)

                        Level          Quantile

                        100% Max        8349.37
                        99%             8349.37
                        95%             8349.37
                        90%             8349.37
                        75% Q3          6734.21
                        50% Median      4618.96
                        25% Q1          2849.86
                        10%              946.08
                        5%               946.08
                        1%               946.08
                        0% Min           946.08


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-------------------------------- Transaction_ID=198364702 --------------------------------

                          The UNIVARIATE Procedure
                               Variable:  Cost

                            Extreme Observations

             ------Lowest-----        -----Highest-----

                Value     Obs          Value     Obs

               946.08      10         4618.96      14
              1772.98      11         5349.71      15
              2849.86      12         6734.21      16
              4003.66      13         7749.41      17
              4618.96      14         8349.37      18


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-------------------------------- Transaction_ID=198364703 --------------------------------

                          The UNIVARIATE Procedure
                               Variable:  Cost
```

```
                          Moments

N                        3   Sum Weights                    3
Mean              1128.10667   Sum Observations        3384.32
Std Deviation     718.279184   Variance              515924.987
Skewness          1.38146375   Kurtosis                      .
Uncorrected SS    4849723.93   Corrected SS          1031849.97
Coeff Variation   63.6712117   Std Error Mean         414.69868


                  Basic Statistical Measures

        Location                      Variability

    Mean      1128.107    Std Deviation          718.27918
    Median     876.860    Variance                  515925
    Mode            .     Range                       1369
                          Interquartile Range         1369


                  Tests for Location: Mu0=0

        Test           -Statistic-      -----p Value------

        Student's t    t  2.720304    Pr > |t|      0.1127
        Sign           M       1.5    Pr >= |M|     0.2500
        Signed Rank    S         3    Pr >= |S|     0.2500


                    Quantiles (Definition 5)

             Level          Quantile

             100% Max        1938.26
             99%             1938.26
             95%             1938.26
             90%             1938.26
             75% Q3          1938.26
             50% Median       876.86
             25% Q1           569.20
             10%              569.20
             5%               569.20
             1%               569.20
             0% Min           569.20
```

```
--------------------------------- Transaction_ID=198364703 ---------------------------------

                       The UNIVARIATE Procedure
                          Variable:  Cost

                        Extreme Observations

             ------Lowest-----        -----Highest-----

             Value      Obs          Value      Obs
```

```
          569.20          19          569.20          19
          876.86          20          876.86          20
         1938.26          21         1938.26          21
```

-------------------------------- Transaction_ID=198364704 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

N	5	Sum Weights	5
Mean	1925.232	Sum Observations	9626.16
Std Deviation	988.133039	Variance	976406.903
Skewness	-0.1504609	Kurtosis	-1.8357167
Uncorrected SS	22438218.9	Corrected SS	3905627.61
Coeff Variation	51.3254007	Std Error Mean	441.906529

Basic Statistical Measures

Location		Variability	
Mean	1925.232	Std Deviation	988.13304
Median	1853.710	Variance	976407
Mode	.	Range	2365
		Interquartile Range	1454

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	4.35665	Pr > |t|	0.0121
Sign	M	2.5	Pr >= |M|	0.0625
Signed Rank	S	7.5	Pr >= |S|	0.0625

Quantiles (Definition 5)

Level	Quantile
100% Max	3018.98
99%	3018.98
95%	3018.98
90%	3018.98
75% Q3	2776.69
50% Median	1853.71
25% Q1	1322.98
10%	653.80
5%	653.80
1%	653.80
0% Min	653.80

-------------------------------- Transaction_ID=198364704 --------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
------Lowest-----        -----Highest-----

     Value      Obs         Value      Obs

    653.80       22        653.80       22
   1322.98       23       1322.98       23
   1853.71       24       1853.71       24
   2776.69       25       2776.69       25
   3018.98       26       3018.98       26
```

-------------------------------- Transaction_ID=198364705 --------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                        2    Sum Weights                   2
Mean                2092.18    Sum Observations        4184.36
Std Deviation    522.127647    Variance              272617.28
Skewness                  .    Kurtosis                      .
Uncorrected SS   9027051.58    Corrected SS          272617.28
Coeff Variation  24.9561533    Std Error Mean            369.2
```

Basic Statistical Measures

```
      Location                      Variability

  Mean      2092.180    Std Deviation         522.12765
  Median    2092.180    Variance                 272617
  Mode             .    Range               738.40000
                        Interquartile Range  738.40000
```

Tests for Location: Mu0=0

```
    Test            -Statistic-     -----p Value------

    Student's t    t  5.666793    Pr > |t|    0.1112
    Sign           M         1    Pr >= |M|   0.5000
    Signed Rank    S       1.5    Pr >= |S|   0.5000
```

Quantiles (Definition 5)

```
                    Level          Quantile

                    100% Max        2461.38
                    99%             2461.38
                    95%             2461.38
                    90%             2461.38
                    75% Q3          2461.38
                    50% Median      2092.18
                    25% Q1          1722.98
                    10%             1722.98
                    5%              1722.98
                    1%              1722.98
                    0% Min          1722.98
```

-------------------------------- Transaction_ID=198364705 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
        ------Lowest-----        -----Highest-----

          Value     Obs            Value      Obs

         1722.98     27           1722.98      27
         2461.38     28           2461.38      28
```

-------------------------------- Transaction_ID=198364706 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                      10    Sum Weights                  10
Mean              4571.958    Sum Observations       45719.58
Std Deviation   2406.45579    Variance             5791029.47
Skewness         -0.862218    Kurtosis             -0.4963779
Uncorrected SS    261147265   Corrected SS         52119265.2
Coeff Variation  52.6351246   Std Error Mean        760.988139
```

Basic Statistical Measures

```
     Location                  Variability

   Mean     4571.958    Std Deviation           2406
   Median   5226.530    Variance             5791029
   Mode        .        Range                   6842
                        Interquartile Range     3719
```

```
                     Tests for Location: Mu0=0

           Test              -Statistic-      -----p Value------

           Student's t    t  6.007923      Pr > |t|     0.0002
           Sign           M         5      Pr >= |M|    0.0020
           Signed Rank    S      27.5      Pr >= |S|    0.0020


                         Quantiles (Definition 5)

                      Level            Quantile

                      100% Max          7010.99
                      99%               7010.99
                      95%               7010.99
                      90%               6918.69
                      75% Q3            6622.55
                      50% Median        5226.53
                      25% Q1            2903.66
                      10%                715.34
                      5%                 169.22
                      1%                 169.22
                      0% Min             169.22


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-------------------------------- Transaction_ID=198364706 ----------------------------------

                          The UNIVARIATE Procedure
                            Variable:  Cost

                          Extreme Observations

              ------Lowest-----          -----Highest-----

                 Value      Obs            Value      Obs

                169.22       29          5414.97       34
               1261.46       30          6222.57       35
               2903.66       31          6622.55       36
               4249.69       32          6826.38       37
               5038.09       33          7010.99       38

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-------------------------------- Transaction_ID=198364707 ----------------------------------

                          The UNIVARIATE Procedure
                            Variable:  Cost

                               Moments

           N                      5    Sum Weights                  5
           Mean              3801.332  Sum Observations      19006.66
           Std Deviation   956.670144  Variance            915217.764
           Skewness        -1.1899376  Kurtosis            0.69733539
```

```
Uncorrected SS      75911495.9    Corrected SS        3660871.06
Coeff Variation     25.1667085    Std Error Mean      427.835895


                    Basic Statistical Measures

          Location                     Variability

      Mean      3801.332    Std Deviation        956.67014
      Median    4219.020    Variance                915218
      Mode         .        Range                     2377
                            Interquartile Range  942.27000


                    Tests for Location: Mu0=0

         Test            -Statistic-      -----p Value------

         Student's t    t  8.885024    Pr > |t|    0.0009
         Sign           M       2.5    Pr >= |M|   0.0625
         Signed Rank    S       7.5    Pr >= |S|   0.0625


                       Quantiles (Definition 5)

               Level          Quantile

               100% Max        4676.68
               99%             4676.68
               95%             4676.68
               90%             4676.68
               75% Q3          4376.70
               50% Median      4219.02
               25% Q1          3434.43
               10%             2299.83
               5%              2299.83
               1%              2299.83
               0% Min          2299.83
```

```
--------------------------------- Transaction_ID=198364707 ----------------------------------

                      The UNIVARIATE Procedure
                          Variable:  Cost

                       Extreme Observations

          ------Lowest-----          -----Highest-----

            Value      Obs             Value      Obs

           2299.83      39            2299.83      39
           3434.43      40            3434.43      40
           4219.02      41            4219.02      41
           4376.70      42            4376.70      42
           4676.68      43            4676.68      43
```

-------------------------------- Transaction_ID=198364708 ---------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

N	9	Sum Weights	9
Mean	2039.1	Sum Observations	18351.9
Std Deviation	1633.1166	Variance	2667069.84
Skewness	0.26056989	Kurtosis	-1.8048481
Uncorrected SS	58757918	Corrected SS	21336558.7
Coeff Variation	80.0900693	Std Error Mean	544.372201

Basic Statistical Measures

Location		Variability	
Mean	2039.100	Std Deviation	1633
Median	1499.830	Variance	2667070
Mode	.	Range	4238
		Interquartile Range	2761

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	3.745783	Pr > |t|	0.0057
Sign	M	4.5	Pr >= |M|	0.0039
Signed Rank	S	22.5	Pr >= |S|	0.0039

Quantiles (Definition 5)

Level	Quantile
100% Max	4399.52
99%	4399.52
95%	4399.52
90%	4399.52
75% Q3	3376.57
50% Median	1499.83
25% Q1	615.32
10%	161.52
5%	161.52
1%	161.52
0% Min	161.52

-------------------------------- Transaction_ID=198364708 ---------------------------------

```
                            The UNIVARIATE Procedure
                               Variable:  Cost


                             Extreme Observations


              ------Lowest-----          -----Highest-----


                Value        Obs            Value        Obs


               161.52         44          1499.83         48
               292.28         45          2953.57         49
               615.32         46          3376.57         50
              1153.72         47          3899.57         51
              1499.83         48          4399.52         52
```

```
--------------------------------- Transaction_ID=198364709 ---------------------------------

                            The UNIVARIATE Procedure
                               Variable:  Cost


                                    Moments


N                            3     Sum Weights                     3
Mean                   1278.07667  Sum Observations          3834.23
Std Deviation          1005.21627  Variance               1010459.76
Skewness               -0.6831712  Kurtosis                        .
Uncorrected SS         6921359.41  Corrected SS           2020919.52
Coeff Variation        78.6507023  Std Error Mean         580.361887



                           Basic Statistical Measures


              Location                      Variability


        Mean      1278.077     Std Deviation             1005
        Median    1434.470     Variance               1010460
        Mode           .       Range                     1992
                               Interquartile Range       1992



                         Tests for Location: Mu0=0


        Test             -Statistic-      -----p Value------


        Student's t    t  2.202206     Pr > |t|      0.1586
        Sign           M       1.5     Pr >= |M|     0.2500
        Signed Rank    S         3     Pr >= |S|     0.2500



                          Quantiles (Definition 5)


                        Level          Quantile


                        100% Max        2195.93
                        99%             2195.93
```

```
                95%              2195.93
                90%              2195.93
                75% Q3           2195.93
                50% Median       1434.47
                25% Q1            203.83
                10%              203.83
                 5%              203.83
                 1%              203.83
                 0% Min          203.83
```

-------------------------------- Transaction_ID=198364709 ----------------------------------

                          The UNIVARIATE Procedure
                            Variable: Cost

                          Extreme Observations

            ------Lowest-----   -----Highest-----

              Value   Obs   Value   Obs

              203.83   53   203.83   53
             1434.47   54   1434.47   54
             2195.93   55   2195.93   55

-------------------------------- Transaction_ID=198364710 ----------------------------------

                          The UNIVARIATE Procedure
                            Variable: Cost

                                Moments

```
N                     3    Sum Weights                 3
Mean          2934.39667    Sum Observations      8803.19
Std Deviation 756.575907    Variance            572407.103
Skewness      0.67022866    Kurtosis                    .
Uncorrected SS 26976865.6   Corrected SS        1144814.21
Coeff Variation 25.7830141  Std Error Mean      436.809304
```

                        Basic Statistical Measures

            Location   Variability

        Mean   2934.397   Std Deviation   756.57591
        Median   2819.030   Variance   572407
        Mode   .   Range   1500
                             Interquartile Range   1500

                        Tests for Location: Mu0=0

            Test   -Statistic-   -----p Value------

```
                 Student's t    t  6.717798    Pr > |t|    0.0214
                 Sign           M       1.5    Pr >= |M|   0.2500
                 Signed Rank    S         3    Pr >= |S|   0.2500


                          Quantiles (Definition 5)

                          Level          Quantile

                          100% Max        3742.03
                          99%             3742.03
                          95%             3742.03
                          90%             3742.03
                          75% Q3          3742.03
                          50% Median      2819.03
                          25% Q1          2242.13
                          10%             2242.13
                          5%              2242.13
                          1%              2242.13
                          0% Min          2242.13
```

```
-------------------------------- Transaction_ID=198364710 ----------------------------------

                         The UNIVARIATE Procedure
                              Variable:  Cost

                          Extreme Observations

            ------Lowest-----          -----Highest-----

               Value      Obs             Value      Obs

             2242.13       56           2242.13       56
             2819.03       57           2819.03       57
             3742.03       58           3742.03       58
```

```
-------------------------------- Transaction_ID=198364711 ----------------------------------

                         The UNIVARIATE Procedure
                              Variable:  Cost

                                Moments

      N                        2   Sum Weights                      2
      Mean                 669.165  Sum Observations           1338.33
      Std Deviation   261.070895   Variance              68158.0121
      Skewness                 .   Kurtosis                        .
      Uncorrected SS  963721.607   Corrected SS          68158.0121
      Coeff Variation 39.0144276   Std Error Mean           184.605


                          Basic Statistical Measures
```

```
              Location                        Variability

   Mean      669.1650      Std Deviation          261.07089
   Median    669.1650      Variance                   68158
   Mode         .          Range                  369.21000
                           Interquartile Range    369.21000


                    Tests for Location: Mu0=0

        Test              -Statistic-     -----p Value------

        Student's t    t  3.624848     Pr > |t|    0.1714
        Sign           M         1     Pr >= |M|   0.5000
        Signed Rank    S       1.5     Pr >= |S|   0.5000



                    Quantiles (Definition 5)

             Level           Quantile

             100% Max         853.770
             99%              853.770
             95%              853.770
             90%              853.770
             75% Q3           853.770
             50% Median       669.165
             25% Q1           484.560
             10%              484.560
             5%               484.560
             1%               484.560
             0% Min           484.560
```

--------------------------------- Transaction_ID=198364711 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

```
                    Extreme Observations

          -----Lowest-----          -----Highest----

            Value      Obs           Value      Obs

            484.56      59           484.56      59
            853.77      60           853.77      60
```

--------------------------------- Transaction_ID=198364712 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

```
                          Moments

N                       3   Sum Weights                  3
Mean               990.89   Sum Observations       2972.67
Std Deviation  728.902124   Variance            531298.306
Skewness        -0.102553   Kurtosis                     .
Uncorrected SS  4008185.59  Corrected SS        1062596.61
Coeff Variation 73.5603471  Std Error Mean      420.831837


                Basic Statistical Measures

       Location                    Variability

   Mean      990.890    Std Deviation        728.90212
   Median   1007.510    Variance                531298
   Mode           .     Range                     1458
                        Interquartile Range       1458


              Tests for Location: Mu0=0

      Test            -Statistic-    -----p Value------

      Student's t   t  2.354598    Pr > |t|    0.1427
      Sign          M       1.5    Pr >= |M|   0.2500
      Signed Rank   S         3    Pr >= |S|   0.2500


                 Quantiles (Definition 5)

            Level          Quantile

            100% Max        1711.34
            99%             1711.34
            95%             1711.34
            90%             1711.34
            75% Q3          1711.34
            50% Median      1007.51
            25% Q1           253.82
            10%              253.82
            5%               253.82
            1%               253.82
            0% Min           253.82
```

```
-------------------------------- Transaction_ID=198364712 ----------------------------------

                      The UNIVARIATE Procedure
                        Variable: Cost

                      Extreme Observations

            ------Lowest-----        -----Highest-----

              Value    Obs            Value    Obs
```

```
        253.82          61          253.82          61
       1007.51          62         1007.51          62
       1711.34          63         1711.34          63
```

--------------------------------- Transaction_ID=198364713 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

N	3	Sum Weights	3
Mean	548.633333	Sum Observations	1645.9
Std Deviation	231.382091	Variance	53537.6721
Skewness	-0.7498425	Kurtosis	.
Uncorrected SS	1010070.95	Corrected SS	107075.344
Coeff Variation	42.1742678	Std Error Mean	133.588513

Basic Statistical Measures

Location		Variability	
Mean	548.6333	Std Deviation	231.38209
Median	588.3600	Variance	53538
Mode	.	Range	457.62000
		Interquartile Range	457.62000

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	4.10689	Pr > |t|	0.0545
Sign	M	1.5	Pr >= |M|	0.2500
Signed Rank	S	3	Pr >= |S|	0.2500

Quantiles (Definition 5)

Level	Quantile
100% Max	757.58
99%	757.58
95%	757.58
90%	757.58
75% Q3	757.58
50% Median	588.36
25% Q1	299.96
10%	299.96
5%	299.96
1%	299.96
0% Min	299.96

--------------------------------- Transaction_ID=198364713 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
        -----Lowest-----        -----Highest----

          Value       Obs        Value       Obs

         299.96        64       299.96        64
         588.36        65       588.36        65
         757.58        66       757.58        66
```

--------------------------------- Transaction_ID=198364714 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                        9   Sum Weights                     9
Mean              4714.40333   Sum Observations        42429.63
Std Deviation     1922.61222   Variance             3696437.75
Skewness           -1.181923   Kurtosis             0.85745429
Uncorrected SS     229601891   Corrected SS           29571502
Coeff Variation    40.781666   Std Error Mean        640.87074
```

Basic Statistical Measures

```
      Location                        Variability

   Mean      4714.403    Std Deviation             1923
   Median    5149.420    Variance               3696438
   Mode           .      Range                     5865
                         Interquartile Range       1923
```

Tests for Location: Mu0=0

```
      Test             -Statistic-    -----p Value------

   Student's t    t  7.356247    Pr > |t|    <.0001
   Sign           M       4.5    Pr >= |M|   0.0039
   Signed Rank    S      22.5    Pr >= |S|   0.0039
```

Quantiles (Definition 5)

Level   Quantile

```
                      100% Max        6672.25
                      99%             6672.25
                      95%             6672.25
                      90%             6672.25
                      75% Q3          5864.65
                      50% Median      5149.42
                      25% Q1          3941.90
                      10%              807.60
                      5%               807.60
                      1%               807.60
                      0% Min           807.60
```

-------------------------------- Transaction_ID=198364714 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
         ------Lowest-----          -----Highest-----

           Value      Obs            Value      Obs

           807.60      67          5149.42       71
          2711.26      68          5783.90       72
          3941.90      69          5864.65       73
          5018.70      70          6479.95       74
          5149.42      71          6672.25       75
```

-------------------------------- Transaction_ID=198364715 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                         6   Sum Weights                 6
Mean                2852.325   Sum Observations     17113.95
Std Deviation     1363.10477   Variance            1858054.61
Skewness          -0.2222317   Kurtosis            -0.2903525
Uncorrected SS     58104820.5  Corrected SS        9290273.06
Coeff Variation   47.7892516   Std Error Mean       556.485192
```

Basic Statistical Measures

```
      Location                      Variability

   Mean      2852.325    Std Deviation            1363
   Median    2872.820    Variance              1858055
   Mode            .     Range                    3838
                         Interquartile Range      1915
```

```
                    Tests for Location: Mu0=0

        Test              -Statistic-      -----p Value------

        Student's t    t  5.125608    Pr > |t|     0.0037
        Sign           M         3    Pr >= |M|    0.0313
        Signed Rank    S      10.5    Pr >= |S|    0.0313


                       Quantiles (Definition 5)

                  Level             Quantile

                  100% Max          4665.03
                  99%               4665.03
                  95%               4665.03
                  90%               4665.03
                  75% Q3            3895.83
                  50% Median        2872.82
                  25% Q1            1980.60
                  10%                826.85
                  5%                 826.85
                  1%                 826.85
                  0% Min             826.85
```

--------------------------------- Transaction_ID=198364715 ----------------------------------

```
                       The UNIVARIATE Procedure
                          Variable:  Cost

                       Extreme Observations

            ------Lowest-----          -----Highest-----

               Value     Obs            Value     Obs

               826.85     76           1980.60     77
              1980.60     77           2711.30     78
              2711.30     78           3034.34     79
              3034.34     79           3895.83     80
              3895.83     80           4665.03     81
```

--------------------------------- Transaction_ID=198364716 ----------------------------------

```
                       The UNIVARIATE Procedure
                          Variable:  Cost

                             Moments

        N                        7    Sum Weights                 7
        Mean              1220.20286    Sum Observations     8541.42
        Std Deviation     657.014448    Variance          431667.985
```

```
Skewness              -0.2575646    Kurtosis           -1.8635289
Uncorrected SS          13012273    Corrected SS       2590007.91
Coeff Variation       53.8446902    Std Error Mean      248.32812


                      Basic Statistical Measures

         Location                        Variability

      Mean     1220.203      Std Deviation        657.01445
      Median   1330.630      Variance                431668
      Mode        .          Range                     1684
                             Interquartile Range       1177


                      Tests for Location: Mu0=0

        Test              -Statistic-      -----p Value------

        Student's t    t  4.913672     Pr > |t|    0.0027
        Sign           M       3.5     Pr >= |M|   0.0156
        Signed Rank    S        14     Pr >= |S|   0.0156


                       Quantiles (Definition 5)

                    Level          Quantile

                    100% Max        1976.70
                    99%             1976.70
                    95%             1976.70
                    90%             1976.70
                    75% Q3          1822.88
                    50% Median      1330.63
                    25% Q1           646.10
                    10%             292.28
                    5%              292.28
                    1%              292.28
                    0% Min          292.28
```

--------------------------------- Transaction_ID=198364716 ----------------------------------

```
                        The UNIVARIATE Procedure
                          Variable:  Cost

                        Extreme Observations

            ------Lowest-----        -----Highest-----

            Value      Obs            Value      Obs

            292.28      82           761.47       84
            646.10      83          1330.63       85
            761.47      84          1711.36       86
           1330.63      85          1822.88       87
```

```
          1711.36        86         1976.70        88
```

```
--------------------------------- Transaction_ID=198364717 ---------------------------------
```

The UNIVARIATE Procedure
Variable: Cost

Moments

N	7	Sum Weights	7
Mean	3608.51143	Sum Observations	25259.58
Std Deviation	1544.37627	Variance	2385098.08
Skewness	-0.0663281	Kurtosis	-1.0202002
Uncorrected SS	105460072	Corrected SS	14310588.5
Coeff Variation	42.7981539	Std Error Mean	583.719364

Basic Statistical Measures

Location		Variability	
Mean	3608.511	Std Deviation	1544
Median	3826.680	Variance	2385098
Mode	.	Range	4342
		Interquartile Range	2846

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	6.181929	Pr > |t|	0.0008
Sign	M	3.5	Pr >= |M|	0.0156
Signed Rank	S	14	Pr >= |S|	0.0156

Quantiles (Definition 5)

Level	Quantile
100% Max	5714.86
99%	5714.86
95%	5714.86
90%	5714.86
75% Q3	5118.81
50% Median	3826.68
25% Q1	2272.92
10%	1372.98
5%	1372.98
1%	1372.98
0% Min	1372.98

```
--------------------------------- Transaction_ID=198364717 ---------------------------------
```

```
                        The UNIVARIATE Procedure
                          Variable:  Cost


                        Extreme Observations


              ------Lowest-----          -----Highest-----


                 Value      Obs            Value      Obs


               1372.98       89          2872.88       91
               2272.92       90          3826.68       92
               2872.88       91          4080.45       93
               3826.68       92          5118.81       94
               4080.45       93          5714.86       95



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-------------------------------- Transaction_ID=198364718 ----------------------------------


                        The UNIVARIATE Procedure
                          Variable:  Cost


                              Moments


      N                       1   Sum Weights                 1
      Mean                449.94   Sum Observations       449.94
      Std Deviation            .   Variance                    .
      Skewness                 .   Kurtosis                    .
      Uncorrected SS   202446.004  Corrected SS                0
      Coeff Variation          .   Std Error Mean              .



                        Basic Statistical Measures


            Location                        Variability


         Mean     449.9400     Std Deviation              .
         Median   449.9400     Variance                   .
         Mode     449.9400     Range                      0
                               Interquartile Range        0



                        Tests for Location: Mu0=0


          Test              -Statistic-      -----p Value------


          Student's t    t          .     Pr > |t|      .
          Sign           M        0.5     Pr >= |M|    1.0000
          Signed Rank    S        0.5     Pr >= |S|    1.0000



                        Quantiles (Definition 5)


                        Level           Quantile


                        100% Max          449.94
```

```
                            99%              449.94
                            95%              449.94
                            90%              449.94
                            75% Q3           449.94
                            50% Median       449.94
                            25% Q1           449.94
                            10%              449.94
                             5%              449.94
                             1%              449.94
                             0% Min          449.94
```

-------------------------------- Transaction_ID=198364718 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
        -----Lowest-----        -----Highest----

          Value      Obs          Value      Obs

         449.94       96          449.94       96
```

-------------------------------- Transaction_ID=198364719 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                       6    Sum Weights                6
Mean            2445.90833    Sum Observations    14675.45
Std Deviation   1701.52552    Variance          2895189.11
Skewness        0.21401694    Kurtosis          -2.0850031
Uncorrected SS    50370751    Corrected SS      14475945.6
Coeff Variation 69.5662017    Std Error Mean     694.644887
```

Basic Statistical Measures

```
     Location                      Variability

   Mean     2445.908    Std Deviation            1702
   Median   2243.985    Variance              2895189
   Mode         .       Range                    4200
                        Interquartile Range      2888
```

Tests for Location: Mu0=0

```
     Test            -Statistic-     -----p Value------
```

```
          Student's t    t  3.521092    Pr > |t|     0.0169
          Sign           M         3    Pr >= |M|    0.0313
          Signed Rank    S      10.5    Pr >= |S|    0.0313


                        Quantiles (Definition 5)

                      Level          Quantile

                      100% Max        4676.49
                      99%             4676.49
                      95%             4676.49
                      90%             4676.49
                      75% Q3          3961.14
                      50% Median      2243.99
                      25% Q1          1072.95
                      10%              476.90
                      5%               476.90
                      1%               476.90
                      0% Min           476.90


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```

```
                        The UNIVARIATE Procedure
                           Variable:  Cost

                          Extreme Observations

              ------Lowest-----          -----Highest-----

                Value      Obs            Value      Obs

                476.90      97          1072.95       98
               1072.95      98          1419.07       99
               1419.07      99          3068.90      100
               3068.90     100          3961.14      101
               3961.14     101          4676.49      102

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```

```
                        The UNIVARIATE Procedure
                           Variable:  Cost

                               Moments

      N                       3    Sum Weights                 3
      Mean             1278.11333    Sum Observations      3834.34
      Std Deviation    1150.20962    Variance           1322982.16
      Skewness         1.56865401    Kurtosis                    .
      Uncorrected SS    7546685.4    Corrected SS        2645964.32
      Coeff Variation  89.9927718    Std Error Mean      664.073831
```

```
                        Basic Statistical Measures

            Location                        Variability

        Mean      1278.113     Std Deviation              1150
        Median     788.380     Variance                1322982
        Mode           .       Range                      2138
                               Interquartile Range        2138


                        Tests for Location: Mu0=0

            Test            -Statistic-     -----p Value------

            Student's t    t  1.924655     Pr > |t|    0.1942
            Sign           M       1.5     Pr >= |M|   0.2500
            Signed Rank    S         3     Pr >= |S|   0.2500



                        Quantiles (Definition 5)

                    Level          Quantile

                    100% Max        2592.14
                    99%             2592.14
                    95%             2592.14
                    90%             2592.14
                    75% Q3          2592.14
                    50% Median       788.38
                    25% Q1           453.82
                    10%              453.82
                    5%               453.82
                    1%               453.82
                    0% Min           453.82


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--------------------------------- Transaction_ID=198364720 ---------------------------------

                        The UNIVARIATE Procedure
                           Variable:  Cost

                        Extreme Observations

            ------Lowest-----        -----Highest-----

            Value      Obs           Value      Obs

            453.82     103           453.82     103
            788.38     104           788.38     104
           2592.14     105          2592.14     105


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--------------------------------- Transaction_ID=198364721 ---------------------------------

                        The UNIVARIATE Procedure
```

```
                        Variable:  Cost

                           Moments

N                       6    Sum Weights                 6
Mean              3188.24667   Sum Observations    19129.48
Std Deviation     1672.23855   Variance          2796381.77
Skewness          -0.3484128   Kurtosis          -0.7051004
Uncorrected SS    74971409.7   Corrected SS      13981908.8
Coeff Variation   52.4500995   Std Error Mean    682.688529


                   Basic Statistical Measures

         Location                    Variability

     Mean     3188.247    Std Deviation            1672
     Median   3145.940    Variance              2796382
     Mode        .        Range                    4446
                          Interquartile Range      2577


                  Tests for Location: Mu0=0

        Test           -Statistic-      -----p Value------

        Student's t    t  4.670134    Pr > |t|    0.0055
        Sign           M         3    Pr >= |M|   0.0313
        Signed Rank    S      10.5    Pr >= |S|   0.0313


                     Quantiles (Definition 5)

                     Level          Quantile

                     100% Max        5115.05
                     99%             5115.05
                     95%             5115.05
                     90%             5115.05
                     75% Q3          4815.07
                     50% Median      3145.94
                     25% Q1          2238.30
                     10%              669.18
                     5%               669.18
                     1%               669.18
                     0% Min           669.18

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-------------------------------- Transaction_ID=198364721 ----------------------------------

                      The UNIVARIATE Procedure
                         Variable:  Cost

                      Extreme Observations

             ------Lowest-----        -----Highest-----
```

```
           Value        Obs           Value        Obs

          669.18        106          2238.30       107
         2238.30        107          2715.18       108
         2715.18        108          3576.70       109
         3576.70        109          4815.07       110
         4815.07        110          5115.05       111


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-------------------------------- Transaction_ID=198364722 ---------------------------------

                           The UNIVARIATE Procedure
                             Variable:  Cost


                                   Moments

N                           6   Sum Weights                    6
Mean                1613.97833   Sum Observations         9683.87
Std Deviation       1335.68333   Variance              1784049.97
Skewness            0.47916203   Kurtosis              -1.6767862
Uncorrected SS      24549806.2   Corrected SS          8920249.84
Coeff Variation     82.7572035   Std Error Mean        545.290438


                          Basic Statistical Measures

           Location                        Variability

      Mean     1613.978      Std Deviation             1336
      Median   1315.290      Variance               1784050
      Mode        .          Range                     3319
                             Interquartile Range       2334


                        Tests for Location: Mu0=0

         Test           -Statistic-      -----p Value------

         Student's t    t  2.959851      Pr > |t|    0.0315
         Sign           M         3      Pr >= |M|   0.0313
         Signed Rank    S      10.5      Pr >= |S|   0.0313


                          Quantiles (Definition 5)

                     Level          Quantile

                     100% Max        3484.32
                     99%             3484.32
                     95%             3484.32
                     90%             3484.32
                     75% Q3          2869.02
                     50% Median      1315.29
                     25% Q1           534.58
                     10%             165.37
```

```
          5%              165.37
          1%              165.37
          0% Min          165.37
```

-------------------------------- Transaction_ID=198364722 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
      ------Lowest-----        -----Highest-----

        Value     Obs          Value      Obs

       165.37     112          534.58     113
       534.58     113          865.32     114
       865.32     114         1765.26     115
      1765.26     115         2869.02     116
      2869.02     116         3484.32     117
```

-------------------------------- Transaction_ID=198364723 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                      3    Sum Weights                 3
Mean             2125.54    Sum Observations      6376.62
Std Deviation  936.69028    Variance            877388.68
Skewness      0.10467373    Kurtosis                    .
Uncorrected SS 15308538.2   Corrected SS        1754777.36
Coeff Variation 44.068344   Std Error Mean       540.798385
```

Basic Statistical Measures

```
      Location                    Variability

   Mean     2125.540    Std Deviation      936.69028
   Median   2103.740    Variance              877389
   Mode        .        Range                   1873
                        Interquartile Range     1873
```

Tests for Location: Mu0=0

```
    Test           -Statistic-     -----p Value------

    Student's t    t  3.930374    Pr > |t|     0.0591
    Sign           M       1.5    Pr >= |M|    0.2500
    Signed Rank    S         3    Pr >= |S|    0.2500
```

```
                    Quantiles (Definition 5)

                 Level         Quantile

                 100% Max        3072.94
                 99%             3072.94
                 95%             3072.94
                 90%             3072.94
                 75% Q3          3072.94
                 50% Median      2103.74
                 25% Q1          1199.94
                 10%             1199.94
                 5%              1199.94
                 1%              1199.94
                 0% Min          1199.94
```

-------------------------------- Transaction_ID=198364723 ----------------------------------

                        The UNIVARIATE Procedure
                            Variable: Cost

                        Extreme Observations

```
        ------Lowest-----        -----Highest-----

           Value      Obs          Value      Obs

          1199.94      118        1199.94      118
          2103.74      119        2103.74      119
          3072.94      120        3072.94      120
```

-------------------------------- Transaction_ID=198364724 ----------------------------------

                        The UNIVARIATE Procedure
                            Variable: Cost

                                Moments

```
N                        9    Sum Weights                  9
Mean                4844.52    Sum Observations      43600.68
Std Deviation    2162.55959    Variance            4676663.98
Skewness         -0.3575157    Kurtosis            -1.8983733
Uncorrected SS    248637678    Corrected SS        37413311.8
Coeff Variation  44.6392953    Std Error Mean       720.853197
```

                        Basic Statistical Measures

            Location   Variability

        Mean   4844.520   Std Deviation   2163

```
        Median     5972.630      Variance                    4676664
        Mode          .          Range                          5596
                                  Interquartile Range            3942


                        Tests for Location: Mu0=0

           Test              -Statistic-      -----p Value------

           Student's t    t  6.720536     Pr > |t|    0.0001
           Sign           M       4.5     Pr >= |M|   0.0039
           Signed Rank    S      22.5     Pr >= |S|   0.0039


                           Quantiles (Definition 5)

                        Level          Quantile

                        100% Max        7318.66
                        99%             7318.66
                        95%             7318.66
                        90%             7318.66
                        75% Q3          6668.71
                        50% Median      5972.63
                        25% Q1          2726.78
                        10%             1722.98
                        5%              1722.98
                        1%              1722.98
                        0% Min          1722.98


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--------------------------------- Transaction_ID=198364724 ---------------------------------

                          The UNIVARIATE Procedure
                               Variable:  Cost

                            Extreme Observations

                ------Lowest-----         -----Highest-----

                   Value      Obs            Value      Obs

                 1722.98      121          5972.63      125
                 2434.48      122          6126.43      126
                 2726.78      123          6668.71      127
                 3803.63      124          6826.38      128
                 5972.63      125          7318.66      129


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--------------------------------- Transaction_ID=198364725 ---------------------------------

                          The UNIVARIATE Procedure
                               Variable:  Cost


                                   Moments
```

```
N                        7    Sum Weights                    7
Mean               3603.60429    Sum Observations       25225.23
Std Deviation      2319.84994    Variance             5381703.72
Skewness           0.14399684    Kurtosis            -0.4293469
Uncorrected SS      123191969    Corrected SS         32290222.3
Coeff Variation    64.3758235    Std Error Mean       876.820858


                     Basic Statistical Measures

        Location                        Variability

    Mean     3603.604    Std Deviation              2320
    Median   3318.990    Variance                5381704
    Mode         .       Range                      6753
                         Interquartile Range        3911


                   Tests for Location: Mu0=0

        Test           -Statistic-      -----p Value------

        Student's t    t  4.109852     Pr > |t|     0.0063
        Sign           M       3.5     Pr >= |M|    0.0156
        Signed Rank    S        14     Pr >= |S|    0.0156


                     Quantiles (Definition 5)

              Level           Quantile

              100% Max         6895.68
              99%              6895.68
              95%              6895.68
              90%              6895.68
              75% Q3           6168.78
              50% Median       3318.99
              25% Q1           2257.59
              10%               142.29
              5%                142.29
              1%                142.29
              0% Min            142.29
```

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-------------------------------- Transaction_ID=198364725 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
      ------Lowest-----          -----Highest-----

        Value      Obs            Value      Obs
```

```
          142.29        130        2626.80        132
         2257.59        131        3318.99        133
         2626.80        132        3815.10        134
         3318.99        133        6168.78        135
         3815.10        134        6895.68        136
```

-------------------------------- Transaction_ID=198364726 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

N	8	Sum Weights	8
Mean	2526.22625	Sum Observations	20209.81
Std Deviation	1673.7578	Variance	2801465.16
Skewness	0.6851417	Kurtosis	-0.0713639
Uncorrected SS	70664808.7	Corrected SS	19610256.1
Coeff Variation	66.2552611	Std Error Mean	591.762744

Basic Statistical Measures

Location		Variability	
Mean	2526.226	Std Deviation	1674
Median	2207.480	Variance	2801465
Mode	.	Range	5103
		Interquartile Range	1973

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	4.268985	Pr > |t|	0.0037
Sign	M	4	Pr >= |M|	0.0078
Signed Rank	S	18	Pr >= |S|	0.0078

Quantiles (Definition 5)

Level	Quantile
100% Max	5345.75
99%	5345.75
95%	5345.75
90%	5345.75
75% Q3	3538.17
50% Median	2207.48
25% Q1	1565.23
10%	242.30
5%	242.30
1%	242.30
0% Min	242.30

--------------------------------- Transaction_ID=198364726 ----------------------------------

                             The UNIVARIATE Procedure
                                Variable: Cost

                             Extreme Observations

               ------Lowest-----   -----Highest-----

                    Value   Obs   Value   Obs

                   242.30   137   2022.88   140
                  1319.11   138   2392.08   141
                  1811.35   139   2499.75   142
                  2022.88   140   4576.59   143
                  2392.08   141   5345.75   144

--------------------------------- Transaction_ID=198364727 ----------------------------------

                             The UNIVARIATE Procedure
                                Variable: Cost

                                   Moments

      N   5   Sum Weights   5
      Mean   1221.412   Sum Observations   6107.06
      Std Deviation   852.774538   Variance   727224.413
      Skewness   0.33927811   Kurtosis   -2.1103155
      Uncorrected SS   10368134   Corrected SS   2908897.65
      Coeff Variation 69.8187457   Std Error Mean   381.372367

                          Basic Statistical Measures

            Location   Variability

         Mean   1221.412   Std Deviation   852.77454
         Median   1111.480   Variance   727224
         Mode   .   Range   1977
                               Interquartile Range   1350

                        Tests for Location: Mu0=0

          Test   -Statistic-   -----p Value------

          Student's t   t 3.202676   Pr > |t| 0.0328
          Sign   M   2.5   Pr >= |M| 0.0625
          Signed Rank   S   7.5   Pr >= |S| 0.0625

                          Quantiles (Definition 5)

```
                      Level          Quantile

                    100% Max          2322.78
                    99%               2322.78
                    95%               2322.78
                    90%               2322.78
                    75% Q3            1838.22
                    50% Median        1111.48
                    25% Q1             488.44
                    10%                346.14
                    5%                 346.14
                    1%                 346.14
                    0% Min             346.14
```

-------------------------------- Transaction_ID=198364727 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
       ------Lowest-----          -----Highest-----

         Value      Obs             Value      Obs

        346.14      145            346.14      145
        488.44      146            488.44      146
       1111.48      147           1111.48      147
       1838.22      148           1838.22      148
       2322.78      149           2322.78      149
```

-------------------------------- Transaction_ID=198364728 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                        9    Sum Weights                    9
Mean              5315.85667    Sum Observations        47842.71
Std Deviation       2647.8892    Variance              7011317.2
Skewness          -0.5029034    Kurtosis              -1.448946
Uncorrected SS     310415527    Corrected SS          56090537.6
Coeff Variation   49.8111473    Std Error Mean        882.629732
```

Basic Statistical Measures

```
      Location                     Variability

   Mean      5315.857    Std Deviation            2648
   Median    6422.600    Variance              7011317
```

```
         Mode          .         Range                    7076
                                 Interquartile Range       4346


                        Tests for Location: Mu0=0

              Test          -Statistic-      -----p Value------

              Student's t    t  6.022748    Pr > |t|     0.0003
              Sign           M       4.5    Pr >= |M|    0.0039
              Signed Rank    S      22.5    Pr >= |S|    0.0039



                          Quantiles (Definition 5)

                          Level          Quantile

                          100% Max        8153.18
                          99%             8153.18
                          95%             8153.18
                          90%             8153.18
                          75% Q3          7276.33
                          50% Median      6422.60
                          25% Q1          2930.65
                          10%             1076.88
                          5%              1076.88
                          1%              1076.88
                          0% Min          1076.88


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--------------------------------- Transaction_ID=198364728 ---------------------------------

                            The UNIVARIATE Procedure
                                Variable:  Cost

                             Extreme Observations

                  ------Lowest-----          -----Highest-----

                     Value    Obs            Value     Obs

                     1076.88    150          6422.60     154
                     2399.92    151          6960.97     155
                     2930.65    152          7276.33     156
                     4561.29    153          8060.89     157
                     6422.60    154          8153.18     158

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--------------------------------- Transaction_ID=198364729 ---------------------------------

                            The UNIVARIATE Procedure
                                Variable:  Cost


                                  Moments
```

```
N                        5    Sum Weights                    5
Mean                2141.2    Sum Observations           10706
Std Deviation   746.169374    Variance              556768.734
Skewness         -0.5839997   Kurtosis                 -2.5927
Uncorrected SS   25150762.1   Corrected SS          2227074.94
Coeff Variation  34.8481867   Std Error Mean        333.697088


                   Basic Statistical Measures

         Location                      Variability

     Mean      2141.200    Std Deviation        746.16937
     Median    2468.880    Variance                556769
     Mode          .       Range                     1638
                           Interquartile Range       1215


                 Tests for Location: Mu0=0

         Test           -Statistic-     -----p Value------

         Student's t    t  6.416598     Pr > |t|    0.0030
         Sign           M       2.5     Pr >= |M|   0.0625
         Signed Rank    S       7.5     Pr >= |S|   0.0625


                    Quantiles (Definition 5)

                   Level          Quantile

                   100% Max        2822.66
                   99%             2822.66
                   95%             2822.66
                   90%             2822.66
                   75% Q3          2722.68
                   50% Median      2468.88
                   25% Q1          1507.38
                   10%             1184.40
                   5%              1184.40
                   1%              1184.40
                   0% Min          1184.40
```

--------------------------------- Transaction_ID=198364729 ----------------------------------

                   The UNIVARIATE Procedure
                        Variable: Cost

                   Extreme Observations

```
        ------Lowest-----        -----Highest-----

          Value     Obs           Value     Obs

         1184.40     159          1184.40     159
```

```
       1507.38       160       1507.38       160
       2468.88       161       2468.88       161
       2722.68       162       2722.68       162
       2822.66       163       2822.66       163
```

-------------------------------- Transaction_ID=198364730 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

N	6	Sum Weights	6
Mean	2546.50167	Sum Observations	15279.01
Std Deviation	1568.3437	Variance	2459701.95
Skewness	0.52073024	Kurtosis	-0.799379
Uncorrected SS	51206534.2	Corrected SS	12298509.8
Coeff Variation	61.5881669	Std Error Mean	640.273633

Basic Statistical Measures

Location		Variability	
Mean	2546.502	Std Deviation	1568
Median	2219.010	Variance	2459702
Mode	.	Range	4234
		Interquartile Range	2277

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	3.977208	Pr > |t|	0.0106
Sign	M	3	Pr >= |M|	0.0313
Signed Rank	S	10.5	Pr >= |S|	0.0313

Quantiles (Definition 5)

Level	Quantile
100% Max	4903.27
99%	4903.27
95%	4903.27
90%	4903.27
75% Q3	3772.63
50% Median	2219.01
25% Q1	1495.97
10%	669.12
5%	669.12
1%	669.12
0% Min	669.12

-------------------------------- Transaction_ID=198364730 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
     ------Lowest-----        -----Highest-----

        Value    Obs          Value    Obs

        669.12   164         1495.97   165
       1495.97   165         1772.87   166
       1772.87   166         2665.15   167
       2665.15   167         3772.63   168
       3772.63   168         4903.27   169
```

-------------------------------- Transaction_ID=198364731 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                       10    Sum Weights                 10
Mean               2711.972   Sum Observations      27119.72
Std Deviation   1730.30326    Variance            2993949.37
Skewness        0.36512081    Kurtosis            -0.8843036
Uncorrected SS    100493466   Corrected SS        26945544.3
Coeff Variation 63.8024013    Std Error Mean      547.169934
```

Basic Statistical Measures

```
     Location                      Variability

  Mean     2711.972    Std Deviation            1730
  Median   2699.650    Variance              2993949
  Mode          .      Range                    5277
                       Interquartile Range      2646
```

Tests for Location: Mu0=0

```
   Test            -Statistic-      -----p Value------

   Student's t    t  4.956362     Pr > |t|    0.0008
   Sign           M         5     Pr >= |M|   0.0020
   Signed Rank    S      27.5     Pr >= |S|   0.0020
```

Quantiles (Definition 5)

```
                         Level          Quantile

                         100% Max        5814.85
                         99%             5814.85
                         95%             5814.85
                         90%             4980.24
                         75% Q3          3876.43
                         50% Median      2699.65
                         25% Q1          1230.59
                         10%              676.80
                         5%               538.35
                         1%               538.35
                         0% Min           538.35
```

-------------------------------- Transaction_ID=198364731 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
      ------Lowest-----          -----Highest-----

         Value      Obs            Value      Obs

         538.35     170          3507.25      175
         815.25     171          3668.77      176
        1230.59     172          3876.43      177
        1630.55     173          4145.63      178
        1892.05     174          5814.85      179
```

-------------------------------- Transaction_ID=198364732 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                         2   Sum Weights                  2
Mean                132.665   Sum Observations        265.33
Std Deviation    100.614224   Variance            10123.2221
Skewness                  .   Kurtosis                     .
Uncorrected SS   45323.2265   Corrected SS        10123.2221
Coeff Variation    75.84082   Std Error Mean         71.145
```

Basic Statistical Measures

```
     Location                    Variability

   Mean      132.6650   Std Deviation        100.61422
   Median    132.6650   Variance                 10123
   Mode             .   Range              142.29000
```

```
                      Interquartile Range    142.29000


                    Tests for Location: Mu0=0

              Test           -Statistic-     -----p Value------

              Student's t    t  1.864713     Pr > |t|    0.3134
              Sign           M         1     Pr >= |M|   0.5000
              Signed Rank    S       1.5     Pr >= |S|   0.5000


                          Quantiles (Definition 5)

                     Level           Quantile

                     100% Max         203.810
                     99%              203.810
                     95%              203.810
                     90%              203.810
                     75% Q3           203.810
                     50% Median       132.665
                     25% Q1            61.520
                     10%               61.520
                     5%                61.520
                     1%                61.520
                     0% Min            61.520

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--------------------------------- Transaction_ID=198364732 ---------------------------------

                          The UNIVARIATE Procedure
                              Variable:  Cost

                          Extreme Observations

              -----Lowest-----        -----Highest----

               Value      Obs          Value      Obs

               61.52      180          61.52      180
              203.81      181         203.81      181

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--------------------------------- Transaction_ID=198364733 ---------------------------------

                          The UNIVARIATE Procedure
                              Variable:  Cost

                              Moments

          N                        5    Sum Weights                    5
          Mean                5684.17    Sum Observations        28420.85
          Std Deviation    2203.67546    Variance             4856185.54
          Skewness         -0.8171156    Kurtosis             1.30659877
```

```
Uncorrected SS      180973685   Corrected SS      19424742.2
Coeff Variation     38.768641   Std Error Mean    985.513627


                    Basic Statistical Measures

        Location                      Variability

   Mean     5684.170   Std Deviation              2204
   Median   6026.410   Variance                4856186
   Mode        .       Range                      5950
                       Interquartile Range        1523


                  Tests for Location: Mu0=0

      Test            -Statistic-     -----p Value------

      Student's t    t  5.767723    Pr > |t|    0.0045
      Sign           M       2.5    Pr >= |M|   0.0625
      Signed Rank    S       7.5    Pr >= |S|   0.0625


                    Quantiles (Definition 5)

            Level           Quantile

            100% Max         8249.40
            99%              8249.40
            95%              8249.40
            90%              8249.40
            75% Q3           6684.10
            50% Median       6026.41
            25% Q1           5161.11
            10%              2299.83
            5%               2299.83
            1%               2299.83
            0% Min           2299.83
```

--------------------------------- Transaction_ID=198364733 ---------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
      ------Lowest-----         -----Highest-----

        Value      Obs           Value      Obs

        2299.83    182           2299.83    182
        5161.11    183           5161.11    183
        6026.41    184           6026.41    184
        6684.10    185           6684.10    185
        8249.40    186           8249.40    186
```

-------------------------------- Transaction_ID=198364734 ----------------------------------

                              The UNIVARIATE Procedure
                                 Variable: Cost

                                    Moments

        N   1   Sum Weights   1
        Mean   284.58   Sum Observations   284.58
        Std Deviation   .   Variance   .
        Skewness   .   Kurtosis   .
        Uncorrected SS   80985.7764 Corrected SS   0
        Coeff Variation   .   Std Error Mean   .

                            Basic Statistical Measures

              Location   Variability

          Mean   284.5800   Std Deviation   .
          Median   284.5800   Variance   .
          Mode   284.5800   Range   0
                                  Interquartile Range   0

                           Tests for Location: Mu0=0

            Test   -Statistic-   -----p Value------

            Student's t   t   .   Pr > |t| .
            Sign   M   0.5   Pr >= |M| 1.0000
            Signed Rank   S   0.5   Pr >= |S| 1.0000

                            Quantiles (Definition 5)

                            Level   Quantile

                            100% Max   284.58
                            99%   284.58
                            95%   284.58
                            90%   284.58
                            75% Q3   284.58
                            50% Median   284.58
                            25% Q1   284.58
                            10%   284.58
                            5%   284.58
                            1%   284.58
                            0% Min   284.58

-------------------------------- Transaction_ID=198364734 ----------------------------------

```
                     The UNIVARIATE Procedure
                        Variable:  Cost


                       Extreme Observations


            -----Lowest-----            -----Highest----


            Value        Obs            Value        Obs


            284.58       187            284.58       187


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```

```
                     The UNIVARIATE Procedure
                        Variable:  Cost


                             Moments


N                          9   Sum Weights                      9
Mean                4897.28333   Sum Observations         44075.55
Std Deviation       2685.50344   Variance               7211928.75
Skewness            -0.3425384   Kurtosis                 -0.60189
Uncorrected SS       273545886   Corrected SS             57695430
Coeff Variation     54.8365953   Std Error Mean          895.167815



                     Basic Statistical Measures


         Location                      Variability


     Mean     4897.283    Std Deviation              2686
     Median   4891.680    Variance                7211929
     Mode         .       Range                      7749
                          Interquartile Range        2334



                   Tests for Location: Mu0=0


         Test             -Statistic-      -----p Value------


         Student's t    t  5.470799     Pr > |t|     0.0006
         Sign           M      4.5      Pr >= |M|    0.0039
         Signed Rank    S     22.5      Pr >= |S|    0.0039



                      Quantiles (Definition 5)


                     Level           Quantile


                     100% Max         8441.39
                     99%              8441.39
                     95%              8441.39
                     90%              8441.39
                     75% Q3           6395.39
                     50% Median       4891.68
```

```
                          25% Q1          4061.02
                          10%              692.22
                          5%               692.22
                          1%               692.22
                          0% Min           692.22


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------------------------------- Transaction_ID=198364735 ----------------------------------

                           The UNIVARIATE Procedure
                             Variable:  Cost


                           Extreme Observations


            ------Lowest-----          -----Highest-----

               Value      Obs             Value      Obs

              692.22      188          4891.68      192
             1230.62      189          5491.64      193
             4061.02      190          6395.39      194
             4707.10      191          8164.49      195
             4891.68      192          8441.39      196


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------------------------------- Transaction_ID=198364736 ----------------------------------

                           The UNIVARIATE Procedure
                             Variable:  Cost


                                  Moments

      N                        2   Sum Weights                   2
      Mean                1003.76   Sum Observations        2007.52
      Std Deviation    331.774502   Variance              110074.32
      Skewness                  .   Kurtosis                      .
      Uncorrected SS    2125142.6   Corrected SS          110074.32
      Coeff Variation  33.0531703   Std Error Mean            234.6


                           Basic Statistical Measures

           Location                      Variability

       Mean      1003.760    Std Deviation         331.77450
       Median    1003.760    Variance                 110074
       Mode           .      Range                 469.20000
                             Interquartile Range   469.20000


                          Tests for Location: Mu0=0

          Test              -Statistic-     -----p Value------

          Student's t     t  4.278602    Pr > |t|     0.1462
```

```
                 Sign            M            1     Pr >= |M|   0.5000
                 Signed Rank     S          1.5     Pr >= |S|   0.5000


                            Quantiles (Definition 5)

                             Level          Quantile

                             100% Max        1238.36
                             99%             1238.36
                             95%             1238.36
                             90%             1238.36
                             75% Q3          1238.36
                             50% Median      1003.76
                             25% Q1           769.16
                             10%              769.16
                             5%               769.16
                             1%               769.16
                             0% Min           769.16


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```

```
                          The UNIVARIATE Procedure
                            Variable:  Cost


                            Extreme Observations

               ------Lowest-----        -----Highest-----

                  Value      Obs          Value      Obs

                 769.16      197         769.16      197
                1238.36      198        1238.36      198


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```

```
                          The UNIVARIATE Procedure
                            Variable:  Cost


                                  Moments

            N                      2   Sum Weights                 2
            Mean                713.37  Sum Observations       1426.74
            Std Deviation   421.506352  Variance             177667.605
            Skewness                 .  Kurtosis                    .
            Uncorrected SS  1195461.12  Corrected SS         177667.605
            Coeff Variation 59.0866384  Std Error Mean          298.05


                          Basic Statistical Measures

                  Location                      Variability
```

```
                    Mean     713.3700    Std Deviation          421.50635
                    Median   713.3700    Variance                  177668
                    Mode         .       Range                 596.10000
                                         Interquartile Range   596.10000


                              Tests for Location: Mu0=0

                    Test              -Statistic-      -----p Value------

                    Student's t   t  2.393457    Pr > |t|     0.2519
                    Sign          M         1     Pr >= |M|    0.5000
                    Signed Rank   S       1.5     Pr >= |S|    0.5000


                                 Quantiles (Definition 5)

                              Level           Quantile

                              100% Max         1011.42
                              99%              1011.42
                              95%              1011.42
                              90%              1011.42
                              75% Q3           1011.42
                              50% Median        713.37
                              25% Q1            415.32
                              10%               415.32
                              5%                415.32
                              1%                415.32
                              0% Min            415.32
```

------------------------------- Transaction_ID=198364737 ---------------------------------

```
                              The UNIVARIATE Procedure
                                 Variable:  Cost


                                 Extreme Observations

                     ------Lowest-----        -----Highest-----

                        Value     Obs           Value     Obs

                        415.32    199           415.32    199
                       1011.42    200          1011.42    200
```

------------------------------- Transaction_ID=198364738 ---------------------------------

```
                              The UNIVARIATE Procedure
                                 Variable:  Cost


                                       Moments

          N                         8    Sum Weights                   8
```

```
Mean                    3344.955    Sum Observations       26759.64
Std Deviation        1795.23739    Variance             3222877.27
Skewness             0.38316045    Kurtosis             -1.4146481
Uncorrected SS        112069933    Corrected SS         22560140.9
Coeff Variation      53.6700011    Std Error Mean       634.712265


                      Basic Statistical Measures

          Location                     Variability

     Mean      3344.955     Std Deviation            1795
     Median    2945.960     Variance              3222877
     Mode           .       Range                    4742
                            Interquartile Range      3067


                    Tests for Location: Mu0=0

     Test             -Statistic-      -----p Value------

     Student's t    t  5.270034     Pr > |t|     0.0012
     Sign           M         4     Pr >= |M|    0.0078
     Signed Rank    S        18     Pr >= |S|    0.0078



                     Quantiles (Definition 5)

              Level           Quantile

              100% Max         5838.00
              99%              5838.00
              95%              5838.00
              90%              5838.00
              75% Q3           5016.91
              50% Median       2945.96
              25% Q1           1949.90
              10%              1096.10
              5%               1096.10
              1%               1096.10
              0% Min           1096.10
```

```
-------------------------------- Transaction_ID=198364738 ----------------------------------

                      The UNIVARIATE Procedure
                          Variable:  Cost


                       Extreme Observations

          ------Lowest-----        -----Highest-----

             Value     Obs           Value     Obs

            1096.10     201         2484.46     204
            1707.62     202         3407.46     205
```

```
        2192.18      203          4330.42      206
        2484.46      204          5703.40      207
        3407.46      205          5838.00      208
```

```
-------------------------------- Transaction_ID=198364739 ----------------------------------
```

                          The UNIVARIATE Procedure
                            Variable: Cost

                               Moments

```
N                        6   Sum Weights                  6
Mean              3586.23667   Sum Observations      21517.42
Std Deviation     2085.26561   Variance            4348332.65
Skewness           -0.2486885   Kurtosis            -2.6016461
Uncorrected SS     98908223.8   Corrected SS        21741663.3
Coeff Variation    58.1463467   Std Error Mean      851.306119
```

                          Basic Statistical Measures

              Location   Variability

```
    Mean      3586.237    Std Deviation            2085
    Median    3945.810    Variance              4348333
    Mode          .       Range                    4580
                          Interquartile Range      4061
```

                          Tests for Location: Mu0=0

```
        Test              -Statistic-      -----p Value------

        Student's t    t  4.212629    Pr > |t|    0.0084
        Sign           M         3    Pr >= |M|   0.0313
        Signed Rank    S      10.5    Pr >= |S|   0.0313
```

                          Quantiles (Definition 5)

```
            Level          Quantile

            100% Max        5653.39
            99%             5653.39
            95%             5653.39
            90%             5653.39
            75% Q3          5480.33
            50% Median      3945.81
            25% Q1          1419.10
            10%             1072.98
            5%              1072.98
            1%              1072.98
            0% Min          1072.98
```

```
-------------------------------- Transaction_ID=198364739 --------------------------------

                            The UNIVARIATE Procedure
                               Variable:  Cost

                             Extreme Observations

              ------Lowest-----          -----Highest-----

                  Value     Obs            Value     Obs

                1072.98     209          1419.10     210
                1419.10     210          2803.57     211
                2803.57     211          5088.05     212
                5088.05     212          5480.33     213
                5480.33     213          5653.39     214


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-------------------------------- Transaction_ID=198364740 --------------------------------

                            The UNIVARIATE Procedure
                               Variable:  Cost

                                   Moments

        N                         5    Sum Weights                      5
        Mean                1096.01    Sum Observations           5480.05
        Std Deviation    529.755379    Variance                280640.762
        Skewness         0.01194224    Kurtosis                -1.1542031
        Uncorrected SS   7128752.65    Corrected SS            1122563.05
        Coeff Variation  48.3349038    Std Error Mean          236.913808


                            Basic Statistical Measures

              Location                        Variability

          Mean     1096.010    Std Deviation           529.75538
          Median   1019.090    Variance                   280641
          Mode            .    Range                        1342
                              Interquartile Range      649.96000


                            Tests for Location: Mu0=0

            Test              -Statistic-      -----p Value------

            Student's t    t  4.626197      Pr > |t|    0.0098
            Sign           M       2.5      Pr >= |M|   0.0625
            Signed Rank    S       7.5      Pr >= |S|   0.0625


                            Quantiles (Definition 5)

                            Level           Quantile
```

```
                          100% Max        1757.45
                          99%             1757.45
                          95%             1757.45
                          90%             1757.45
                          75% Q3          1469.06
                          50% Median      1019.09
                          25% Q1           819.10
                          10%              415.35
                           5%              415.35
                           1%              415.35
                           0% Min          415.35
```

-------------------------------- Transaction_ID=198364740 --------------------------------

                          The UNIVARIATE Procedure
                            Variable: Cost

                            Extreme Observations

              ------Lowest-----   -----Highest-----

                 Value   Obs   Value   Obs

                415.35   215   415.35   215
                819.10   216   819.10   216
               1019.09   217   1019.09   217
               1469.06   218   1469.06   218
               1757.45   219   1757.45   219

-------------------------------- Transaction_ID=198364741 --------------------------------

                          The UNIVARIATE Procedure
                            Variable: Cost

                                 Moments

```
N                       2   Sum Weights                  2
Mean              1359.555   Sum Observations       2719.11
Std Deviation   562.93478    Variance            316895.566
Skewness                .    Kurtosis                     .
Uncorrected SS  4013675.16   Corrected SS        316895.566
Coeff Variation 41.4058114   Std Error Mean         398.055
```

                        Basic Statistical Measures

            Location   Variability

        Mean   1359.555   Std Deviation   562.93478
        Median   1359.555   Variance   316896
        Mode   .   Range   796.11000
                              Interquartile Range 796.11000

```
                     Tests for Location: Mu0=0

          Test              -Statistic-      -----p Value------

          Student's t    t  3.415495    Pr > |t|     0.1813
          Sign           M         1    Pr >= |M|    0.5000
          Signed Rank    S       1.5    Pr >= |S|    0.5000


                         Quantiles (Definition 5)

                     Level          Quantile

                     100% Max        1757.61
                     99%             1757.61
                     95%             1757.61
                     90%             1757.61
                     75% Q3          1757.61
                     50% Median      1359.56
                     25% Q1           961.50
                     10%              961.50
                     5%               961.50
                     1%               961.50
                     0% Min           961.50


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--------------------------------- Transaction_ID=198364741 ---------------------------------

                         The UNIVARIATE Procedure
                             Variable:  Cost

                         Extreme Observations

           ------Lowest-----          -----Highest-----

              Value       Obs            Value       Obs

             961.50       220           961.50       220
            1757.61       221          1757.61       221

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--------------------------------- Transaction_ID=198364742 ---------------------------------

                         The UNIVARIATE Procedure
                             Variable:  Cost


                                 Moments

          N                      3    Sum Weights                  3
          Mean              2369.04    Sum Observations       7107.12
          Std Deviation  1107.67821    Variance            1226951.01
          Skewness       -1.4318209    Kurtosis                     .
          Uncorrected SS  19290953.6    Corrected SS        2453902.03
```

```
        Coeff Variation     46.7564165     Std Error Mean       639.518312


                           Basic Statistical Measures

              Location                        Variability

         Mean      2369.040     Std Deviation            1108
         Median    2776.700     Variance              1226951
         Mode          .        Range                    2100
                                Interquartile Range      2100


                          Tests for Location: Mu0=0

            Test              -Statistic-     -----p Value------

            Student's t    t  3.704413     Pr > |t|    0.0658
            Sign           M       1.5     Pr >= |M|   0.2500
            Signed Rank    S         3     Pr >= |S|   0.2500


                            Quantiles (Definition 5)

                         Level           Quantile

                         100% Max         3215.12
                         99%              3215.12
                         95%              3215.12
                         90%              3215.12
                         75% Q3           3215.12
                         50% Median       2776.70
                         25% Q1           1115.30
                         10%              1115.30
                         5%               1115.30
                         1%               1115.30
                         0% Min           1115.30
```

```
---------------------------------- Transaction_ID=198364742 ----------------------------------

                            The UNIVARIATE Procedure
                               Variable:  Cost

                            Extreme Observations

              ------Lowest-----          -----Highest-----

                 Value     Obs             Value     Obs

                1115.30    222            1115.30    222
                2776.70    223            2776.70    223
                3215.12    224            3215.12    224
```

The UNIVARIATE Procedure
Variable: Cost

Moments

N	2	Sum Weights	2
Mean	1307.55	Sum Observations	2615.1
Std Deviation	348.108668	Variance	121179.645
Skewness	.	Kurtosis	.
Uncorrected SS	3540553.65	Corrected SS	121179.645
Coeff Variation	26.6229718	Std Error Mean	246.15

Basic Statistical Measures

Location		Variability	
Mean	1307.550	Std Deviation	348.10867
Median	1307.550	Variance	121180
Mode	.	Range	492.30000
		Interquartile Range	492.30000

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	5.312005	Pr > |t|	0.1185
Sign	M	1	Pr >= |M|	0.5000
Signed Rank	S	1.5	Pr >= |S|	0.5000

Quantiles (Definition 5)

Level	Quantile
100% Max	1553.70
99%	1553.70
95%	1553.70
90%	1553.70
75% Q3	1553.70
50% Median	1307.55
25% Q1	1061.40
10%	1061.40
5%	1061.40
1%	1061.40
0% Min	1061.40

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The UNIVARIATE Procedure
Variable: Cost

```
                         Extreme Observations

              -----Lowest-----            -----Highest----

                Value      Obs            Value      Obs

               1061.4      225           1061.4      225
               1553.7      226           1553.7      226


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--------------------------------- Transaction_ID=198364744 ----------------------------------

                            The UNIVARIATE Procedure
                               Variable:  Cost


                                     Moments

   N                          4    Sum Weights                  4
   Mean                 2361.445    Sum Observations       9445.78
   Std Deviation      1452.60788    Variance            2110069.64
   Skewness           -0.0545869    Kurtosis            1.23886172
   Uncorrected SS     28635898.9    Corrected SS        6330208.92
   Coeff Variation    61.5135172    Std Error Mean      726.303938



                           Basic Statistical Measures

            Location                        Variability

       Mean      2361.445    Std Deviation               1453
       Median    2374.900    Variance                 2110070
       Mode          .       Range                       3542
                             Interquartile Range         1938



                          Tests for Location: Mu0=0

         Test           -Statistic-       -----p Value------

         Student's t    t  3.251318    Pr > |t|     0.0474
         Sign           M         2    Pr >= |M|    0.1250
         Signed Rank    S         5    Pr >= |S|    0.1250



                           Quantiles (Definition 5)

                         Level           Quantile

                         100% Max         4119.08
                         99%              4119.08
                         95%              4119.08
                         90%              4119.08
                         75% Q3           3330.63
                         50% Median       2374.90
                         25% Q1           1392.26
                         10%               576.90
```

```
                    5%              576.90
                    1%              576.90
                    0% Min          576.90
```

--------------------------------- Transaction_ID=198364744 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
        ------Lowest-----         -----Highest-----

          Value      Obs          Value      Obs

          576.90      227          576.90      227
         2207.62      228         2207.62      228
         2542.18      229         2542.18      229
         4119.08      230         4119.08      230
```

--------------------------------- Transaction_ID=198364745 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                        8   Sum Weights                     8
Mean             2544.47375   Sum Observations         20355.79
Std Deviation     1438.4113   Variance              2069027.07
Skewness         -0.3526755   Kurtosis              -0.3401589
Uncorrected SS   66277962.8   Corrected SS          14483189.5
Coeff Variation  56.5307974   Std Error Mean        508.555193
```

Basic Statistical Measures

```
      Location                      Variability

   Mean     2544.474    Std Deviation            1438
   Median   2707.420    Variance              2069027
   Mode        .        Range                    4453
                        Interquartile Range      2021
```

Tests for Location: Mu0=0

```
      Test            -Statistic-     -----p Value------

      Student's t    t  5.003338    Pr > |t|     0.0016
      Sign           M         4    Pr >= |M|    0.0078
      Signed Rank    S        18    Pr >= |S|    0.0078
```

```
                         Quantiles (Definition 5)

                        Level          Quantile

                        100% Max        4622.69
                        99%             4622.69
                        95%             4622.69
                        90%             4622.69
                        75% Q3          3547.75
                        50% Median      2707.42
                        25% Q1          1526.77
                        10%              169.22
                        5%               169.22
                        1%               169.22
                        0% Min           169.22
```

-------------------------------- Transaction_ID=198364745 ----------------------------------

```
                       The UNIVARIATE Procedure
                         Variable:  Cost


                       Extreme Observations


             ------Lowest-----        -----Highest-----

               Value     Obs           Value     Obs


               169.22    231          2588.20    234
              1111.42    232          2826.64    235
              1942.12    233          3472.76    236
              2588.20    234          3622.74    237
              2826.64    235          4622.69    238
```

-------------------------------- Transaction_ID=198364746 ----------------------------------

```
                       The UNIVARIATE Procedure
                         Variable:  Cost


                              Moments

N                      7    Sum Weights                 7
Mean             3976.65714    Sum Observations       27836.6
Std Deviation    1873.37222    Variance            3509523.49
Skewness         0.13563873    Kurtosis            -1.0792574
Uncorrected SS    131753755    Corrected SS          21057141
Coeff Variation  47.1092216    Std Error Mean      708.068146


                     Basic Statistical Measures


            Location                      Variability
```

```
Mean      3976.657     Std Deviation            1873
Median    3772.850     Variance              3509523
Mode           .       Range                    5265
                       Interquartile Range      3296


                  Tests for Location: Mu0=0

     Test            -Statistic-     -----p Value------

     Student's t   t  5.616207    Pr > |t|     0.0014
     Sign          M       3.5    Pr >= |M|    0.0156
     Signed Rank   S        14    Pr >= |S|    0.0156


                   Quantiles (Definition 5)

                  Level          Quantile

                  100% Max        6626.43
                  99%            6626.43
                  95%            6626.43
                  90%            6626.43
                  75% Q3         5857.23
                  50% Median     3772.85
                  25% Q1         2561.40
                  10%            1361.46
                  5%             1361.46
                  1%             1361.46
                  0% Min         1361.46
```

-------------------------------- Transaction_ID=198364746 ----------------------------------

                        The UNIVARIATE Procedure
                           Variable: Cost

                          Extreme Observations

         ------Lowest-----   -----Highest-----

             Value   Obs   Value   Obs

            1361.46   239   2942.13   241
            2561.40   240   3772.85   242
            2942.13   241   4715.10   243
            3772.85   242   5857.23   244
            4715.10   243   6626.43   245

-------------------------------- Transaction_ID=198364747 ----------------------------------

                        The UNIVARIATE Procedure
                           Variable: Cost

```
                          Moments

N                        10    Sum Weights                10
Mean                3840.79    Sum Observations       38407.9
Std Deviation    1983.62642    Variance            3934773.78
Skewness         0.32716673    Kurtosis            -1.1170818
Uncorrected SS    182929642    Corrected SS        35412964.1
Coeff Variation  51.6463129    Std Error Mean      627.277752


                  Basic Statistical Measures

        Location                    Variability

    Mean      3840.790    Std Deviation              1984
    Median    3841.940    Variance                3934774
    Mode           .      Range                      5699
                          Interquartile Range        3157


                 Tests for Location: Mu0=0

        Test             -Statistic-    -----p Value------

        Student's t    t   6.12295    Pr > |t|     0.0002
        Sign           M         5    Pr >= |M|    0.0020
        Signed Rank    S      27.5    Pr >= |S|    0.0020


                    Quantiles (Definition 5)

               Level         Quantile

               100% Max       7130.00
               99%            7130.00
               95%            7130.00
               90%            6680.03
               75% Q3         5261.03
               50% Median     3841.94
               25% Q1         2103.71
               10%            1488.38
               5%             1430.70
               1%             1430.70
               0% Min         1430.70
```

```
-------------------------------- Transaction_ID=198364747 ---------------------------------

                    The UNIVARIATE Procedure
                        Variable: Cost

                    Extreme Observations

         ------Lowest-----        -----Highest-----

            Value     Obs           Value     Obs
```

```
           1430.70      246        4176.53     251
           1546.06      247        4591.85     252
           2103.71      248        5261.03     253
           2430.61      249        6230.06     254
           3507.35      250        7130.00     255
```

-------------------------------- Transaction_ID=198364748 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

N	10	Sum Weights	10
Mean	4076.935	Sum Observations	40769.35
Std Deviation	1340.91132	Variance	1798043.18
Skewness	-0.1721251	Kurtosis	-1.5808053
Uncorrected SS	182396379	Corrected SS	16182388.6
Coeff Variation	32.8901816	Std Error Mean	424.033393

Basic Statistical Measures

Location		Variability	
Mean	4076.935	Std Deviation	1341
Median	4207.290	Variance	1798043
Mode	.	Range	3673
		Interquartile Range	2634

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	9.614656	Pr > |t|	<.0001
Sign	M	5	Pr >= |M|	0.0020
Signed Rank	S	27.5	Pr >= |S|	0.0020

Quantiles (Definition 5)

Level	Quantile
100% Max	5703.34
99%	5703.34
95%	5703.34
90%	5653.35
75% Q3	5445.67
50% Median	4207.29
25% Q1	2811.28
10%	2353.64
5%	2030.60
1%	2030.60

```
                         0% Min          2030.60


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-------------------------------- Transaction_ID=198364748 ---------------------------------

                               The UNIVARIATE Procedure
                                  Variable:  Cost

                                Extreme Observations


                    ------Lowest-----        -----Highest-----

                       Value      Obs          Value      Obs

                      2030.60     256         4507.25     261
                      2676.68     257         4868.77     262
                      2811.28     258         5445.67     263
                      3215.08     259         5603.35     264
                      3907.33     260         5703.34     265


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-------------------------------- Transaction_ID=198364749 ---------------------------------

                               The UNIVARIATE Procedure
                                  Variable:  Cost

                                      Moments

      N                        5   Sum Weights                   5
      Mean                1248.346  Sum Observations        6241.73
      Std Deviation     964.689421  Variance              930625.679
      Skewness           -0.401668  Kurtosis              -2.7671878
      Uncorrected SS     11514341.4 Corrected SS          3722502.72
      Coeff Variation    77.2774072 Std Error Mean        431.422225


                            Basic Statistical Measures

             Location                        Variability

         Mean      1248.346    Std Deviation        964.68942
         Median    1553.710    Variance              930626
         Mode          .       Range                   2127
                              Interquartile Range      1638


                         Tests for Location: Mu0=0

           Test            -Statistic-     -----p Value------

           Student's t    t   2.89356   Pr > |t|     0.0444
           Sign           M     2.5     Pr >= |M|    0.0625
           Signed Rank    S     7.5     Pr >= |S|    0.0625
```

```
                    Quantiles (Definition 5)

                 Level          Quantile

                 100% Max        2211.35
                 99%             2211.35
                 95%             2211.35
                 90%             2211.35
                 75% Q3          2015.21
                 50% Median      1553.71
                 25% Q1           376.87
                 10%              84.59
                 5%               84.59
                 1%               84.59
                 0% Min           84.59
```

-------------------------------- Transaction_ID=198364749 ----------------------------------

                        The UNIVARIATE Procedure
                          Variable: Cost

                          Extreme Observations

```
        ------Lowest-----         -----Highest-----

           Value      Obs           Value      Obs

           84.59      266           84.59      266
          376.87      267          376.87      267
         1553.71      268         1553.71      268
         2015.21      269         2015.21      269
         2211.35      270         2211.35      270
```

-------------------------------- Transaction_ID=198364750 ----------------------------------

                        The UNIVARIATE Procedure
                          Variable: Cost

                                Moments

```
N                     1    Sum Weights               1
Mean              476.9    Sum Observations      476.9
Std Deviation         .    Variance                  .
Skewness              .    Kurtosis                  .
Uncorrected SS 227433.61   Corrected SS              0
Coeff Variation       .    Std Error Mean            .
```

                      Basic Statistical Measures

            Location   Variability

         Mean   476.9000   Std Deviation   .

```
              Median    476.9000     Variance                        .
              Mode      476.9000     Range                           0
                                     Interquartile Range             0


                             Tests for Location: Mu0=0

                 Test            -Statistic-     -----p Value------

                 Student's t    t         .      Pr > |t|      .
                 Sign           M       0.5      Pr >= |M|   1.0000
                 Signed Rank    S       0.5      Pr >= |S|   1.0000


                              Quantiles (Definition 5)

                           Level          Quantile

                           100% Max         476.9
                           99%              476.9
                           95%              476.9
                           90%              476.9
                           75% Q3           476.9
                           50% Median       476.9
                           25% Q1           476.9
                           10%              476.9
                           5%               476.9
                           1%               476.9
                           0% Min           476.9
```

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-------------------------------- Transaction_ID=198364750 ----------------------------------

```
                          The UNIVARIATE Procedure
                             Variable:  Cost


                            Extreme Observations

                   -----Lowest----        ----Highest----

                   Value      Obs         Value      Obs

                   476.9      271         476.9      271
```

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-------------------------------- Transaction_ID=198364751 ----------------------------------

```
                          The UNIVARIATE Procedure
                             Variable:  Cost


                                  Moments

        N                       10     Sum Weights                  10
        Mean               3535.411    Sum Observations        35354.11
        Std Deviation     2656.87741   Variance              7058997.56
```

```
Skewness          0.00115526   Kurtosis          -1.9200807
Uncorrected SS    188522287    Corrected SS      63530978.1
Coeff Variation   75.1504538   Std Error Mean    840.178407


                    Basic Statistical Measures

        Location                      Variability

   Mean     3535.411    Std Deviation            2657
   Median   3672.700    Variance              7058998
   Mode          .      Range                    6745
                        Interquartile Range      5219


                   Tests for Location: Mu0=0

      Test            -Statistic-    -----p Value------

      Student's t   t  4.207929    Pr > |t|    0.0023
      Sign          M         5    Pr >= |M|   0.0020
      Signed Rank   S      27.5    Pr >= |S|   0.0020


                    Quantiles (Definition 5)

             Level          Quantile

             100% Max        6937.72
             99%             6937.72
             95%             6937.72
             90%             6735.85
             75% Q3          6257.13
             50% Median      3672.70
             25% Q1          1038.34
             10%              399.96
             5%               192.30
             1%               192.30
             0% Min           192.30
```

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--------------------------------- Transaction_ID=198364751 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
      ------Lowest-----        -----Highest-----

        Value     Obs           Value     Obs

        192.30    272          4122.67    277
        607.62    273          5334.09    278
       1038.34    274          6257.13    279
       1107.54    275          6533.97    280
```

```
        3222.73      276        6937.72      281
```

-------------------------------- Transaction_ID=198364752 ----------------------------------

                        The UNIVARIATE Procedure
                        Variable: Cost

                               Moments

```
N                       10   Sum Weights                  10
Mean                3691.594   Sum Observations       36915.94
Std Deviation     2127.27446   Variance             4525296.61
Skewness          -0.0068188   Kurtosis             -1.1536744
Uncorrected SS     177006332   Corrected SS         40727669.5
Coeff Variation   57.6248216   Std Error Mean       672.703249
```

                      Basic Statistical Measures

          Location   Variability

```
    Mean     3691.594     Std Deviation              2127
    Median   3597.775     Variance                4525297
    Mode        .         Range                      6126
                          Interquartile Range        3880
```

                      Tests for Location: Mu0=0

```
     Test              -Statistic-      -----p Value------

     Student's t    t  5.487701    Pr > |t|     0.0004
     Sign           M        5     Pr >= |M|    0.0020
     Signed Rank    S     27.5     Pr >= |S|    0.0020
```

                        Quantiles (Definition 5)

```
                    Level         Quantile

                    100% Max       6572.40
                    99%            6572.40
                    95%            6572.40
                    90%            6524.38
                    75% Q3         5680.21
                    50% Median     3597.78
                    25% Q1         1799.88
                    10%             898.04
                    5%              446.14
                    1%              446.14
                    0% Min          446.14
```

-------------------------------- Transaction_ID=198364752 ----------------------------------

```
                          The UNIVARIATE Procedure
                            Variable:  Cost


                          Extreme Observations


             ------Lowest-----          -----Highest-----


               Value       Obs            Value       Obs


               446.14      282          3926.59       287
              1349.94      283          4364.95       288
              1799.88      284          5680.21       289
              3030.52      285          6476.35       290
              3268.96      286          6572.40       291
```

```
--------------------------------- Transaction_ID=198364753 ---------------------------------


                          The UNIVARIATE Procedure
                            Variable:  Cost


                                 Moments


     N                        10    Sum Weights                    10
     Mean               2470.408    Sum Observations         24704.08
     Std Deviation    1150.11303    Variance              1322759.98
     Skewness         0.36987465    Kurtosis              -1.2188457
     Uncorrected SS   72933996.7    Corrected SS          11904839.8
     Coeff Variation  46.5555904    Std Error Mean        363.697674


                         Basic Statistical Measures


            Location                        Variability


        Mean      2470.408    Std Deviation              1150
        Median    2195.815    Variance                1322760
        Mode         .        Range                      3346
                              Interquartile Range        1919


                        Tests for Location: Mu0=0


         Test              -Statistic-      -----p Value------


         Student's t    t  6.792477     Pr > |t|     <.0001
         Sign           M         5     Pr >= |M|    0.0020
         Signed Rank    S      27.5     Pr >= |S|    0.0020


                          Quantiles (Definition 5)


                        Level          Quantile


                        100% Max        4268.68
```

```
                    99%            4268.68
                    95%            4268.68
                    90%            4124.47
                    75% Q3         3472.60
                    50% Median     2195.82
                    25% Q1         1553.60
                    10%            1130.56
                     5%             922.90
                     1%             922.90
                     0% Min         922.90
```

```
------------------------------- Transaction_ID=198364753 ---------------------------------
```

                        The UNIVARIATE Procedure
                            Variable: Cost

                          Extreme Observations

```
          ------Lowest-----        -----Highest-----

             Value      Obs          Value      Obs

             922.90     292         2438.11     297
            1338.22     293         2930.35     298
            1553.60     294         3472.60     299
            1845.84     295         3980.26     300
            1953.52     296         4268.68     301
```

```
------------------------------- Transaction_ID=198364754 ---------------------------------
```

                        The UNIVARIATE Procedure
                            Variable: Cost

                                Moments

```
N                        9    Sum Weights                  9
Mean              1948.53556    Sum Observations     17536.82
Std Deviation      1320.9505    Variance           1744910.21
Skewness          -0.2522087    Kurtosis           -1.2825948
Uncorrected SS      48130399    Corrected SS       13959281.7
Coeff Variation   67.7919627    Std Error Mean     440.316832
```

                        Basic Statistical Measures

```
        Location                      Variability

     Mean     1948.536    Std Deviation           1321
     Median   2107.480    Variance             1744910
     Mode        .        Range                   3634
                          Interquartile Range     2092
```

```
                     Tests for Location: Mu0=0

          Test            -Statistic-      -----p Value------

          Student's t     t  4.425303     Pr > |t|    0.0022
          Sign            M      4.5       Pr >= |M|   0.0039
          Signed Rank     S     22.5       Pr >= |S|   0.0039



                        Quantiles (Definition 5)

                    Level            Quantile

                    100% Max          3726.61
                    99%               3726.61
                    95%               3726.61
                    90%               3726.61
                    75% Q3            2926.66
                    50% Median        2107.48
                    25% Q1             834.54
                    10%                92.28
                    5%                 92.28
                    1%                 92.28
                    0% Min             92.28
```

```
--------------------------------- Transaction_ID=198364754 ---------------------------------

                        The UNIVARIATE Procedure
                            Variable:  Cost

                         Extreme Observations

               ------Lowest-----          -----Highest-----

                  Value      Obs            Value      Obs

                  92.28      302          2107.48      306
                 211.50      303          2303.62      307
                 834.54      304          2926.66      308
                1976.73      305          3357.40      309
                2107.48      306          3726.61      310
```

```
--------------------------------- Transaction_ID=198364755 ---------------------------------

                        The UNIVARIATE Procedure
                            Variable:  Cost

                              Moments

          N                     4    Sum Weights                 4
          Mean               2110.39  Sum Observations       8441.56
          Std Deviation    1487.0058  Variance            2211186.24
          Skewness        -0.1266823  Kurtosis            -3.1046453
```

```
Uncorrected SS      24448542.5   Corrected SS        6633558.72
Coeff Variation     70.4611847   Std Error Mean      743.502898


                       Basic Statistical Measures

            Location                        Variability

        Mean     2110.390    Std Deviation              1487
        Median   2161.335    Variance                2211186
        Mode        .        Range                      3273
                             Interquartile Range        2433


                      Tests for Location: Mu0=0

        Test             -Statistic-     -----p Value------

        Student's t    t  2.838442    Pr > |t|     0.0657
        Sign           M         2     Pr >= |M|    0.1250
        Signed Rank    S         5     Pr >= |S|    0.1250


                       Quantiles (Definition 5)

                     Level         Quantile

                     100% Max       3695.85
                     99%            3695.85
                     95%            3695.85
                     90%            3695.85
                     75% Q3         3326.64
                     50% Median     2161.34
                     25% Q1          894.14
                     10%            423.04
                     5%             423.04
                     1%             423.04
                     0% Min         423.04
```

```
--------------------------------- Transaction_ID=198364755 ---------------------------------

                          The UNIVARIATE Procedure
                             Variable:  Cost

                           Extreme Observations

            ------Lowest-----            -----Highest-----

             Value      Obs             Value      Obs

             423.04     311             423.04     311
            1365.24     312            1365.24     312
            2957.43     313            2957.43     313
            3695.85     314            3695.85     314
```

-------------------------------- Transaction_ID=198364756 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

N	4	Sum Weights	4
Mean	1563.31	Sum Observations	6253.24
Std Deviation	932.63139	Variance	869801.309
Skewness	-0.2867294	Kurtosis	-4.0149986
Uncorrected SS	12385156.6	Corrected SS	2609403.93
Coeff Variation	59.6574825	Std Error Mean	466.315695

Basic Statistical Measures

Location		Variability	
Mean	1563.310	Std Deviation	932.63139
Median	1661.370	Variance	869801
Mode	.	Range	1938
		Interquartile Range	1558

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	3.352471	Pr > |t|	0.0440
Sign	M	2	Pr >= |M|	0.1250
Signed Rank	S	5	Pr >= |S|	0.1250

Quantiles (Definition 5)

Level	Quantile
100% Max	2434.39
99%	2434.39
95%	2434.39
90%	2434.39
75% Q3	2342.09
50% Median	1661.37
25% Q1	784.53
10%	496.11
5%	496.11
1%	496.11
0% Min	496.11

-------------------------------- Transaction_ID=198364756 ----------------------------------

The UNIVARIATE Procedure

```
                        Variable:  Cost

                     Extreme Observations

            ------Lowest-----          -----Highest-----

              Value      Obs            Value      Obs

              496.11     315            496.11     315
             1072.95     316           1072.95     316
             2249.79     317           2249.79     317
             2434.39     318           2434.39     318


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--------------------------------- Transaction_ID=198364757 ----------------------------------

                       The UNIVARIATE Procedure
                          Variable:  Cost

                              Moments

N                        4    Sum Weights                    4
Mean               2968.0175    Sum Observations      11872.07
Std Deviation     1488.16313    Variance             2214629.5
Skewness           0.0712959    Kurtosis            -2.5044885
Uncorrected SS      41880400    Corrected SS         6643888.5
Coeff Variation   50.1399715    Std Error Mean      744.081565


                     Basic Statistical Measures

          Location                    Variability

     Mean     2968.018    Std Deviation              1488
     Median   2942.070    Variance                2214630
     Mode        .        Range                      3342
                          Interquartile Range        2398


                    Tests for Location: Mu0=0

        Test            -Statistic-     -----p Value------

        Student's t    t  3.988834    Pr > |t|     0.0282
        Sign           M        2     Pr >= |M|    0.1250
        Signed Rank    S        5     Pr >= |S|    0.1250


                       Quantiles (Definition 5)

                       Level         Quantile

                       100% Max       4664.97
                       99%            4664.97
                       95%            4664.97
                       90%            4664.97
```

```
                      75% Q3          4166.96
                      50% Median      2942.07
                      25% Q1          1769.08
                      10%             1322.96
                      5%              1322.96
                      1%              1322.96
                      0% Min          1322.96
```

```
-------------------------------- Transaction_ID=198364757 ----------------------------------
```

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
        ------Lowest-----            -----Highest-----

          Value      Obs             Value      Obs

        1322.96      319           1322.96      319
        2215.20      320           2215.20      320
        3668.94      321           3668.94      321
        4664.97      322           4664.97      322
```

```
-------------------------------- Transaction_ID=198364758 ----------------------------------
```

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                         3   Sum Weights                  3
Mean              848.623333   Sum Observations       2545.87
Std Deviation     632.215533   Variance             399696.48
Skewness          0.66001828   Kurtosis                     .
Uncorrected SS    2959877.65   Corrected SS          799392.96
Coeff Variation   74.4989571   Std Error Mean        365.009808
```

Basic Statistical Measures

```
       Location                      Variability

    Mean     848.6233     Std Deviation          632.21553
    Median   753.7600     Variance                  399696
    Mode        .         Range                       1254
                          Interquartile Range         1254
```

Tests for Location: Mu0=0

```
      Test             -Statistic-     -----p Value------
```

```
            Student's t    t  2.324933    Pr > |t|    0.1456
            Sign           M       1.5    Pr >= |M|   0.2500
            Signed Rank    S         3    Pr >= |S|   0.2500


                      Quantiles (Definition 5)

                    Level          Quantile

                    100% Max        1522.91
                    99%             1522.91
                    95%             1522.91
                    90%             1522.91
                    75% Q3          1522.91
                    50% Median       753.76
                    25% Q1           269.20
                    10%              269.20
                    5%               269.20
                    1%               269.20
                    0% Min           269.20
```

```
-------------------------------- Transaction_ID=198364758 ----------------------------------

                        The UNIVARIATE Procedure
                          Variable:  Cost

                        Extreme Observations

            ------Lowest-----          -----Highest-----

               Value     Obs              Value     Obs

              269.20     323             269.20     323
              753.76     324             753.76     324
             1522.91     325            1522.91     325
```

```
-------------------------------- Transaction_ID=198364759 ----------------------------------

                        The UNIVARIATE Procedure
                          Variable:  Cost

                              Moments

    N                      3   Sum Weights                3
    Mean            760.203333   Sum Observations      2280.61
    Std Deviation   225.971648   Variance           51063.1856
    Skewness         -0.4794036   Kurtosis                   .
    Uncorrected SS   1835853.7   Corrected SS       102126.371
    Coeff Variation  29.7251588   Std Error Mean     130.464792


                      Basic Statistical Measures
```

```
          Location                    Variability

Mean      760.2033      Std Deviation          225.97165
Median    784.5600      Variance                   51063
Mode         .          Range                  449.97000
                        Interquartile Range    449.97000


                Tests for Location: Mu0=0

     Test          -Statistic-      -----p Value------

     Student's t   t  5.826885      Pr > |t|    0.0282
     Sign          M       1.5      Pr >= |M|   0.2500
     Signed Rank   S         3      Pr >= |S|   0.2500


                   Quantiles (Definition 5)

                   Level        Quantile

                   100% Max       973.01
                   99%            973.01
                   95%            973.01
                   90%            973.01
                   75% Q3         973.01
                   50% Median     784.56
                   25% Q1         523.04
                   10%            523.04
                   5%             523.04
                   1%             523.04
                   0% Min         523.04
```

-------------------------------- Transaction_ID=198364759 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
     -----Lowest-----        -----Highest----

     Value      Obs          Value      Obs

     523.04     326          523.04     326
     784.56     327          784.56     327
     973.01     328          973.01     328
```

-------------------------------- Transaction_ID=198364760 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

```
                           Moments

N                        4   Sum Weights                    4
Mean              1653.725   Sum Observations          6614.9
Std Deviation   941.415048   Variance             886262.293
Skewness        0.88957649   Kurtosis             -0.9859022
Uncorrected SS   13598012.4   Corrected SS         2658786.88
Coeff Variation 56.9269406   Std Error Mean        470.707524


                   Basic Statistical Measures

        Location                    Variability

    Mean      1653.725     Std Deviation        941.41505
    Median    1430.660     Variance                886262
    Mode             .     Range                     2031
                           Interquartile Range       1461


                  Tests for Location: Mu0=0

        Test           -Statistic-     -----p Value------

        Student's t    t  3.513275     Pr > |t|    0.0391
        Sign           M         2     Pr >= |M|   0.1250
        Signed Rank    S         5     Pr >= |S|   0.1250


                     Quantiles (Definition 5)

                    Level          Quantile

                    100% Max        2892.10
                    99%             2892.10
                    95%             2892.10
                    90%             2892.10
                    75% Q3          2384.44
                    50% Median      1430.66
                    25% Q1           923.01
                    10%              861.48
                    5%               861.48
                    1%               861.48
                    0% Min           861.48
```

```
-------------------------------- Transaction_ID=198364760 ----------------------------------

                        The UNIVARIATE Procedure
                          Variable:  Cost

                        Extreme Observations

            ------Lowest-----         -----Highest-----

                Value      Obs          Value      Obs
```

```
         861.48         329          861.48         329
         984.54         330          984.54         330
        1876.78         331         1876.78         331
        2892.10         332         2892.10         332
```

-------------------------------- Transaction_ID=198364761 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

N	4	Sum Weights	4
Mean	1263.3125	Sum Observations	5053.25
Std Deviation	857.838634	Variance	735887.122
Skewness	0.63423677	Kurtosis	-2.3321255
Uncorrected SS	8591495.26	Corrected SS	2207661.37
Coeff Variation	67.903914	Std Error Mean	428.919317

Basic Statistical Measures

Location		Variability	
Mean	1263.313	Std Deviation	857.83863
Median	1097.940	Variance	735887
Mode	.	Range	1819
		Interquartile Range	1381

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	2.945338	Pr > |t|	0.0603
Sign	M	2	Pr >= |M|	0.1250
Signed Rank	S	5	Pr >= |S|	0.1250

Quantiles (Definition 5)

Level	Quantile
100% Max	2338.19
99%	2338.19
95%	2338.19
90%	2338.19
75% Q3	1953.62
50% Median	1097.94
25% Q1	573.01
10%	519.18
5%	519.18
1%	519.18
0% Min	519.18

-------------------------------- Transaction_ID=198364761 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

------Lowest-----		-----Highest-----	
Value	Obs	Value	Obs
519.18	333	519.18	333
626.84	334	626.84	334
1569.04	335	1569.04	335
2338.19	336	2338.19	336

-------------------------------- Transaction_ID=198364762 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

N	5	Sum Weights	5
Mean	1282.216	Sum Observations	6411.08
Std Deviation	856.755856	Variance	734030.598
Skewness	0.94519589	Kurtosis	-0.8332532
Uncorrected SS	11156511.7	Corrected SS	2936122.39
Coeff Variation	66.818372	Std Error Mean	383.152867

Basic Statistical Measures

Location		Variability	
Mean	1282.216	Std Deviation	856.75586
Median	892.250	Variance	734031
Mode	.	Range	2004
		Interquartile Range	1123

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	3.346487	Pr > |t|	0.0287
Sign	M	2.5	Pr >= |M|	0.0625
Signed Rank	S	7.5	Pr >= |S|	0.0625

Quantiles (Definition 5)

```
                         Level          Quantile

                         100% Max        2545.95
                         99%             2545.95
                         95%             2545.95
                         90%             2545.95
                         75% Q3          1776.80
                         50% Median       892.25
                         25% Q1           653.80
                         10%              542.28
                         5%               542.28
                         1%               542.28
                         0% Min           542.28


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-------------------------------- Transaction_ID=198364762 ----------------------------------

                         The UNIVARIATE Procedure
                            Variable:  Cost


                           Extreme Observations

              ------Lowest-----        -----Highest-----

               Value      Obs           Value      Obs

              542.28      337          542.28      337
              653.80      338          653.80      338
              892.25      339          892.25      339
             1776.80      340         1776.80      340
             2545.95      341         2545.95      341


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-------------------------------- Transaction_ID=198364763 ----------------------------------

                         The UNIVARIATE Procedure
                            Variable:  Cost


                                  Moments

    N                       7    Sum Weights                    7
    Mean              3258.54    Sum Observations        22809.78
    Std Deviation  1437.45472    Variance              2066276.07
    Skewness       -0.7285086    Kurtosis              -0.6634513
    Uncorrected SS   86724237    Corrected SS          12397656.4
    Coeff Variation 44.1134594   Std Error Mean        543.306816


                         Basic Statistical Measures

            Location                      Variability

         Mean     3258.540    Std Deviation              1437
         Median   3757.390    Variance                2066276
         Mode            .    Range                      3977
```

Interquartile Range   2538

                   Tests for Location: Mu0=0

            Test   -Statistic-   -----p Value------

            Student's t   t 5.997606   Pr > |t| 0.0010
            Sign   M   3.5   Pr >= |M| 0.0156
            Signed Rank   S   14   Pr >= |S| 0.0156

                         Quantiles (Definition 5)

                      Level   Quantile

                      100% Max   5053.43
                      99%   5053.43
                      95%   5053.43
                      90%   5053.43
                      75% Q3   4030.45
                      50% Median   3757.39
                      25% Q1   1492.23
                      10%   1076.88
                      5%   1076.88
                      1%   1076.88
                      0% Min   1076.88

--------------------------------- Transaction_ID=198364763 ---------------------------------

                         The UNIVARIATE Procedure
                            Variable: Cost

                         Extreme Observations

               ------Lowest-----   -----Highest-----

                 Value   Obs   Value   Obs

                1076.88   342   3522.79   344
                1492.23   343   3757.39   345
                3522.79   344   3876.61   346
                3757.39   345   4030.45   347
                3876.61   346   5053.43   348

--------------------------------- Transaction_ID=198364764 ---------------------------------

                         The UNIVARIATE Procedure
                            Variable: Cost

                              Moments

            N   5   Sum Weights   5

```
Mean                   2679.816    Sum Observations      13399.08
Std Deviation        739.865064    Variance             547400.313
Skewness             -0.5888832    Kurtosis             -0.5095673
Uncorrected SS       38096670.2    Corrected SS         2189601.25
Coeff Variation      27.6088009    Std Error Mean       330.877716


                     Basic Statistical Measures

           Location                     Variability

     Mean       2679.816    Std Deviation          739.86506
     Median     2742.120    Variance                  547400
     Mode              .    Range                       1865
                            Interquartile Range    884.50000


                     Tests for Location: Mu0=0

        Test           -Statistic-     -----p Value------

        Student's t    t  8.099113     Pr > |t|    0.0013
        Sign           M       2.5     Pr >= |M|   0.0625
        Signed Rank    S       7.5     Pr >= |S|   0.0625


                      Quantiles (Definition 5)

               Level          Quantile

               100% Max        3480.50
               99%             3480.50
               95%             3480.50
               90%             3480.50
               75% Q3          3222.82
               50% Median      2742.12
               25% Q1          2338.32
               10%             1615.32
               5%              1615.32
               1%              1615.32
               0% Min          1615.32


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-------------------------------- Transaction_ID=198364764 ---------------------------------

                        The UNIVARIATE Procedure
                             Variable:  Cost

                         Extreme Observations

          ------Lowest-----          -----Highest-----

            Value      Obs            Value      Obs

           1615.32     349           1615.32     349
           2338.32     350           2338.32     350
```

```
          2742.12      351         2742.12      351
          3222.82      352         3222.82      352
          3480.50      353         3480.50      353
```

-------------------------------- Transaction_ID=198364765 ----------------------------------

                        The UNIVARIATE Procedure
                           Variable: Cost

                              Moments

```
N                        8    Sum Weights                   8
Mean              2390.13375    Sum Observations       19121.07
Std Deviation     1364.89088    Variance              1862927.1
Skewness          0.05003211    Kurtosis             -1.2164118
Uncorrected SS    58742404.5    Corrected SS         13040489.7
Coeff Variation   57.1052091    Std Error Mean       482.561797
```

                       Basic Statistical Measures

            Location   Variability

       Mean   2390.134   Std Deviation   1365
       Median   2430.560   Variance   1862927
       Mode   .   Range   3800
                             Interquartile Range   2292

                       Tests for Location: Mu0=0

         Test   -Statistic-   -----p Value------

         Student's t   t 4.953011   Pr > |t| 0.0017
         Sign   M   4   Pr >= |M| 0.0078
         Signed Rank   S   18   Pr >= |S| 0.0078

                       Quantiles (Definition 5)

                      Level   Quantile

                      100% Max   4261.06
                      99%   4261.06
                      95%   4261.06
                      90%   4261.06
                      75% Q3   3530.40
                      50% Median   2430.56
                      25% Q1   1238.30
                      10%   461.49
                      5%   461.49
                      1%   461.49
                      0% Min   461.49

```
-------------------------------- Transaction_ID=198364765 ----------------------------------

                          The UNIVARIATE Procedure
                            Variable:  Cost

                           Extreme Observations

              ------Lowest-----          -----Highest-----

                Value      Obs            Value      Obs

                461.49     354           2311.34     357
               1057.54     355           2549.78     358
               1419.06     356           3045.86     359
               2311.34     357           4014.94     360
               2549.78     358           4261.06     361


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-------------------------------- Transaction_ID=198364766 ----------------------------------

                          The UNIVARIATE Procedure
                            Variable:  Cost

                                 Moments

       N                         1    Sum Weights                    1
       Mean                   826.9   Sum Observations           826.9
       Std Deviation              .   Variance                       .
       Skewness                   .   Kurtosis                       .
       Uncorrected SS     683763.61   Corrected SS                   0
       Coeff Variation            .   Std Error Mean                 .


                        Basic Statistical Measures

              Location                      Variability

          Mean      826.9000     Std Deviation               .
          Median    826.9000     Variance                    .
          Mode      826.9000     Range                       0
                                 Interquartile Range         0


                        Tests for Location: Mu0=0

          Test            -Statistic-     -----p Value------

          Student's t    t         .     Pr > |t|      .
          Sign           M       0.5     Pr >= |M|   1.0000
          Signed Rank    S       0.5     Pr >= |S|   1.0000


                          Quantiles (Definition 5)

                          Level          Quantile
```

```
                         100% Max           826.9
                         99%                826.9
                         95%                826.9
                         90%                826.9
                         75% Q3             826.9
                         50% Median         826.9
                         25% Q1             826.9
                         10%                826.9
                         5%                 826.9
                         1%                 826.9
                         0% Min             826.9
```

-------------------------------- Transaction_ID=198364766 ---------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
          -----Lowest----          ----Highest----

          Value      Obs           Value      Obs

          826.9      362           826.9      362
```

-------------------------------- Transaction_ID=198364767 ---------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                        4    Sum Weights                   4
Mean               3300.7775    Sum Observations      13203.11
Std Deviation     440.145099    Variance            193727.708
Skewness          0.18793698    Kurtosis            -0.6106859
Uncorrected SS    44161711.5    Corrected SS         581183.124
Coeff Variation   13.3345886    Std Error Mean       220.072549
```

Basic Statistical Measures

```
        Location                      Variability

   Mean      3300.778    Std Deviation          440.14510
   Median    3284.430    Variance                  193728
   Mode         .        Range                       1035
                         Interquartile Range    667.24500
```

Tests for Location: Mu0=0

```
         Test              -Statistic-      -----p Value------

         Student's t    t  14.99859     Pr > |t|    0.0006
         Sign           M         2     Pr >= |M|   0.1250
         Signed Rank    S         5     Pr >= |S|   0.1250


                        Quantiles (Definition 5)

                         Level         Quantile

                         100% Max       3834.39
                         99%            3834.39
                         95%            3834.39
                         90%            3834.39
                         75% Q3         3634.40
                         50% Median     3284.43
                         25% Q1         2967.16
                         10%            2799.86
                         5%             2799.86
                         1%             2799.86
                         0% Min         2799.86
```

-------------------------------- Transaction_ID=198364767 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
         ------Lowest-----          -----Highest-----

            Value      Obs          Value       Obs

           2799.86     363         2799.86      363
           3134.45     364         3134.45      364
           3434.41     365         3434.41      365
           3834.39     366         3834.39      366
```

-------------------------------- Transaction_ID=198364768 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                       8    Sum Weights                  8
Mean            3116.0575    Sum Observations      24928.46
Std Deviation   2326.84547   Variance            5414209.82
Skewness        0.71702093   Kurtosis            -1.1268593
Uncorrected SS  115577983    Corrected SS        37899468.7
Coeff Variation 74.6727384   Std Error Mean      822.664104
```

```
                          Basic Statistical Measures

             Location                      Variability

      Mean      3116.058      Std Deviation              2327
      Median    2159.370      Variance                5414210
      Mode            .       Range                      6292
                              Interquartile Range        3752


                       Tests for Location: Mu0=0

        Test            -Statistic-      -----p Value------

        Student's t    t  3.787764      Pr > |t|      0.0068
        Sign           M         4      Pr >= |M|     0.0078
        Signed Rank    S        18      Pr >= |S|     0.0078



                        Quantiles (Definition 5)

                       Level          Quantile

                       100% Max        6830.18
                       99%             6830.18
                       95%             6830.18
                       90%             6830.18
                       75% Q3          5186.11
                       50% Median      2159.37
                       25% Q1          1434.46
                       10%              538.40
                       5%               538.40
                       1%               538.40
                       0% Min           538.40
```

--------------------------------- Transaction_ID=198364768 ---------------------------------

```
                        The UNIVARIATE Procedure
                           Variable:  Cost


                          Extreme Observations

              ------Lowest-----          -----Highest-----

                Value      Obs            Value      Obs

               538.40      367          1911.30      370
              1249.90      368          2407.44      371
              1619.02      369          4407.34      372
              1911.30      370          5964.88      373
              2407.44      371          6830.18      374
```

The UNIVARIATE Procedure
Variable: Cost

Moments

N	6	Sum Weights	6
Mean	2782.41667	Sum Observations	16694.5
Std Deviation	1256.28401	Variance	1578249.52
Skewness	-0.6812494	Kurtosis	-0.310228
Uncorrected SS	54342302.6	Corrected SS	7891247.61
Coeff Variation	45.1508226	Std Error Mean	512.875801

Basic Statistical Measures

Location		Variability	
Mean	2782.417	Std Deviation	1256
Median	3017.050	Variance	1578250
Mode	.	Range	3415
		Interquartile Range	1892

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	5.425128	Pr > |t|	0.0029
Sign	M	3	Pr >= |M|	0.0313
Signed Rank	S	10.5	Pr >= |S|	0.0313

Quantiles (Definition 5)

Level	Quantile
100% Max	4222.62
99%	4222.62
95%	4222.62
90%	4222.62
75% Q3	3761.12
50% Median	3017.05
25% Q1	1869.06
10%	807.60
5%	807.60
1%	807.60
0% Min	807.60

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The UNIVARIATE Procedure
Variable: Cost

```
                          Extreme Observations

              ------Lowest-----          -----Highest-----

                Value       Obs            Value       Obs

               807.60       375          1869.06       376
              1869.06       376          2930.52       377
              2930.52       377          3103.58       378
              3103.58       378          3761.12       379
              3761.12       379          4222.62       380


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--------------------------------- Transaction_ID=198364770 ----------------------------------

                           The UNIVARIATE Procedure
                              Variable:  Cost

                                   Moments

      N                         6   Sum Weights                     6
      Mean               5421.48667   Sum Observations        32528.92
      Std Deviation      3241.62557   Variance              10508136.3
      Skewness           0.49921155   Kurtosis              -0.1646781
      Uncorrected SS      228895788   Corrected SS          52540681.5
      Coeff Variation    59.7921892   Std Error Mean          1323.3881


                           Basic Statistical Measures

            Location                      Variability

        Mean     5421.487     Std Deviation            3242
        Median   4930.490     Variance             10508136
        Mode        .         Range                    9126
                              Interquartile Range      3742


                          Tests for Location: Mu0=0

           Test             -Statistic-      -----p Value------

           Student's t    t  4.096672     Pr > |t|      0.0094
           Sign           M         3     Pr >= |M|     0.0313
           Signed Rank    S      10.5     Pr >= |S|     0.0313


                          Quantiles (Definition 5)

                         Level          Quantile

                         100% Max       10472.48
                         99%            10472.48
                         95%            10472.48
                         90%            10472.48
                         75% Q3          7295.74
```

```
              50% Median     4930.49
              25% Q1         3553.62
              10%            1346.10
              5%             1346.10
              1%             1346.10
              0% Min         1346.10
```

-------------------------------- Transaction_ID=198364770 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
        ------Lowest-----          ------Highest-----

          Value     Obs              Value     Obs

          1346.10   381            3553.62   382
          3553.62   382            3718.99   383
          3718.99   383            6141.99   384
          6141.99   384            7295.74   385
          7295.74   385           10472.48   386
```

-------------------------------- Transaction_ID=198364771 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                     6   Sum Weights                  6
Mean            1294.765   Sum Observations       7768.59
Std Deviation 1077.08061   Variance            1160102.64
Skewness      0.98975478   Kurtosis            -0.8817035
Uncorrected SS  15859011.6   Corrected SS        5800513.21
Coeff Variation 83.1873437   Std Error Mean      439.716318
```

Basic Statistical Measures

```
     Location                   Variability

   Mean     1294.765    Std Deviation            1077
   Median    838.380    Variance              1160103
   Mode         .       Range                    2638
                        Interquartile Range      1792
```

Tests for Location: Mu0=0

Test   -Statistic-   -----p Value------
```

```
          Student's t    t  2.944546    Pr > |t|    0.0321
          Sign           M         3    Pr >= |M|   0.0313
          Signed Rank    S      10.5    Pr >= |S|   0.0313



                        Quantiles (Definition 5)


                        Level          Quantile


                        100% Max        2976.69
                        99%             2976.69
                        95%             2976.69
                        90%             2976.69
                        75% Q3          2284.44
                        50% Median       838.38
                        25% Q1           492.26
                        10%              338.44
                        5%               338.44
                        1%               338.44
                        0% Min           338.44


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-------------------------------- Transaction_ID=198364771 ----------------------------------

                         The UNIVARIATE Procedure
                           Variable:  Cost


                         Extreme Observations


               ------Lowest-----         -----Highest-----


               Value      Obs            Value      Obs


               338.44     387            492.26     388
               492.26     388            746.08     389
               746.08     389            930.68     390
               930.68     390           2284.44     391
              2284.44     391           2976.69     392


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-------------------------------- Transaction_ID=198364772 ----------------------------------

                         The UNIVARIATE Procedure
                           Variable:  Cost


                               Moments


        N                       2    Sum Weights                  2
        Mean               696.09    Sum Observations       1392.18
        Std Deviation  674.410164    Variance            454829.069
        Skewness                .    Kurtosis                     .
        Uncorrected SS 1423911.65    Corrected SS        454829.069
        Coeff Variation 96.8854837   Std Error Mean          476.88
```

```
                       Basic Statistical Measures

           Location                      Variability

       Mean      696.0900     Std Deviation          674.41016
       Median    696.0900     Variance                  454829
       Mode         .         Range                  953.76000
                              Interquartile Range    953.76000


                       Tests for Location: Mu0=0

          Test             -Statistic-     -----p Value------

          Student's t    t  1.459675     Pr > |t|     0.3824
          Sign           M         1     Pr >= |M|    0.5000
          Signed Rank    S       1.5     Pr >= |S|    0.5000



                       Quantiles (Definition 5)

                  Level          Quantile

                  100% Max        1172.97
                  99%            1172.97
                  95%            1172.97
                  90%            1172.97
                  75% Q3         1172.97
                  50% Median      696.09
                  25% Q1          219.21
                  10%             219.21
                  5%              219.21
                  1%              219.21
                  0% Min          219.21
```

-------------------------------- Transaction_ID=198364772 ----------------------------------

                          The UNIVARIATE Procedure
                             Variable: Cost

                          Extreme Observations

            ------Lowest-----   -----Highest-----

              Value   Obs   Value   Obs

              219.21   393   219.21   393
             1172.97   394   1172.97   394

-------------------------------- Transaction_ID=198364773 ----------------------------------

                          The UNIVARIATE Procedure
                             Variable: Cost

```
                          Moments

N                          5    Sum Weights                  5
Mean                1633.756    Sum Observations       8168.78
Std Deviation    1555.93662    Variance            2420938.76
Skewness         0.87165035    Kurtosis            -0.6350469
Uncorrected SS    23029548.4    Corrected SS        9683755.05
Coeff Variation  95.2367807    Std Error Mean        695.83601


                  Basic Statistical Measures

         Location                      Variability

     Mean      1633.756    Std Deviation              1556
     Median     973.020    Variance                2420939
     Mode           .      Range                      3819
                           Interquartile Range        1823


                  Tests for Location: Mu0=0

        Test             -Statistic-      -----p Value------

        Student's t    t  2.347904    Pr > |t|     0.0787
        Sign           M       2.5    Pr >= |M|    0.0625
        Signed Rank    S       7.5    Pr >= |S|    0.0625


                    Quantiles (Definition 5)

                  Level          Quantile

                  100% Max        3922.88
                  99%             3922.88
                  95%             3922.88
                  90%             3922.88
                  75% Q3          2496.00
                  50% Median       973.02
                  25% Q1           673.05
                  10%              103.83
                  5%               103.83
                  1%               103.83
                  0% Min           103.83
```

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-------------------------------- Transaction_ID=198364773 ----------------------------------

                       The UNIVARIATE Procedure
                          Variable: Cost

                       Extreme Observations

            ------Lowest-----   -----Highest-----

```
          Value       Obs         Value       Obs

          103.83      395         103.83      395
          673.05      396         673.05      396
          973.02      397         973.02      397
         2496.00      398        2496.00      398
         3922.88      399        3922.88      399
```

--------------------------------- Transaction_ID=198364774 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

N	8	Sum Weights	8
Mean	2314.225	Sum Observations	18513.8
Std Deviation	1142.32664	Variance	1304910.15
Skewness	1.12288017	Kurtosis	-0.0636622
Uncorrected SS	51979469.8	Corrected SS	9134371.03
Coeff Variation	49.361088	Std Error Mean	403.873456

Basic Statistical Measures

Location		Variability	
Mean	2314.225	Std Deviation	1142
Median	1869.070	Variance	1304910
Mode	.	Range	3127
		Interquartile Range	1590

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	5.730075	Pr > |t|	0.0007
Sign	M	4	Pr >= |M|	0.0078
Signed Rank	S	18	Pr >= |S|	0.0078

Quantiles (Definition 5)

Level	Quantile
100% Max	4372.65
99%	4372.65
95%	4372.65
90%	4372.65
75% Q3	3084.35
50% Median	1869.07
25% Q1	1494.12
10%	1246.08
5%	1246.08

```
              1%           1246.08
              0% Min       1246.08
```

```
-------------------------------- Transaction_ID=198364774 ---------------------------------
```

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
       ------Lowest-----          -----Highest-----

           Value       Obs           Value       Obs

          1246.08       400         1684.47       403
          1453.74       401         2053.67       404
          1534.49       402         2469.03       405
          1684.47       403         3699.67       406
          2053.67       404         4372.65       407
```

```
-------------------------------- Transaction_ID=198364775 ---------------------------------
```

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                        8   Sum Weights                  8
Mean              4295.1725   Sum Observations      34361.38
Std Deviation     2359.85768  Variance           5568928.25
Skewness          -0.7277027  Kurtosis           -0.1850326
Uncorrected SS    186570552   Corrected SS       38982497.8
Coeff Variation   54.9420932  Std Error Mean     834.335683
```

Basic Statistical Measures

```
       Location                    Variability

   Mean      4295.173   Std Deviation              2360
   Median    4770.605   Variance                5568928
   Mode         .       Range                      6857
                        Interquartile Range        3574
```

Tests for Location: Mu0=0

```
       Test             -Statistic-     -----p Value------

       Student's t    t  5.148015    Pr > |t|      0.0013
       Sign           M         4    Pr >= |M|     0.0078
       Signed Rank    S        18    Pr >= |S|     0.0078
```

```
                         Quantiles (Definition 5)

                         Level          Quantile

                         100% Max        6926.05
                         99%             6926.05
                         95%             6926.05
                         90%             6926.05
                         75% Q3          6243.47
                         50% Median      4770.61
                         25% Q1          2668.99
                         10%               69.21
                         5%                69.21
                         1%                69.21
                         0% Min            69.21


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-------------------------------- Transaction_ID=198364775 ----------------------------------

                         The UNIVARIATE Procedure
                             Variable:  Cost


                         Extreme Observations


               ------Lowest-----        -----Highest-----

                 Value      Obs          Value      Obs

                 69.21      408         4668.69      411
               2219.02      409         4872.52      412
               3118.96      410         5772.40      413
               4668.69      411         6714.53      414
               4872.52      412         6926.05      415


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-------------------------------- Transaction_ID=198364776 ----------------------------------

                         The UNIVARIATE Procedure
                             Variable:  Cost


                                Moments

N                        4    Sum Weights                    4
Mean                2342.17    Sum Observations         9368.68
Std Deviation    1518.72666    Variance              2306530.66
Skewness         -0.1463541    Kurtosis              -2.8487226
Uncorrected SS   28862633.2    Corrected SS          6919591.98
Coeff Variation  64.8427167    Std Error Mean         759.363329


                         Basic Statistical Measures


               Location                      Variability
```

```
Mean      2342.170    Std Deviation              1519
Median    2399.850    Variance                2306531
Mode           .      Range                      3369
                      Interquartile Range        2469


                    Tests for Location: Mu0=0

        Test           -Statistic-     -----p Value------

        Student's t    t  3.084387     Pr > |t|    0.0540
        Sign           M         2     Pr >= |M|   0.1250
        Signed Rank    S         5     Pr >= |S|   0.1250


                       Quantiles (Definition 5)

                    Level           Quantile

                    100% Max         3969.01
                    99%              3969.01
                    95%              3969.01
                    90%              3969.01
                    75% Q3           3576.71
                    50% Median       2399.85
                    25% Q1           1107.63
                    10%               599.97
                    5%                599.97
                    1%                599.97
                    0% Min            599.97
```

```
-------------------------------- Transaction_ID=198364776 ---------------------------------

                          The UNIVARIATE Procedure
                             Variable:  Cost


                            Extreme Observations

            ------Lowest-----          -----Highest-----

              Value      Obs            Value      Obs

              599.97     416            599.97     416
             1615.29     417           1615.29     417
             3184.41     418           3184.41     418
             3969.01     419           3969.01     419
```

```
-------------------------------- Transaction_ID=198364777 ---------------------------------

                          The UNIVARIATE Procedure
                             Variable:  Cost


                                  Moments
```

```
N                         1    Sum Weights               1
Mean                 199.92    Sum Observations     199.92
Std Deviation             .    Variance                  .
Skewness                  .    Kurtosis                  .
Uncorrected SS   39968.0064    Corrected SS              0
Coeff Variation           .    Std Error Mean            .


                  Basic Statistical Measures

         Location                    Variability

     Mean      199.9200    Std Deviation           .
     Median    199.9200    Variance                .
     Mode      199.9200    Range                   0
                           Interquartile Range     0


                 Tests for Location: Mu0=0

       Test           -Statistic-    -----p Value------

       Student's t    t        .     Pr > |t|       .
       Sign           M      0.5     Pr >= |M|   1.0000
       Signed Rank    S      0.5     Pr >= |S|   1.0000


                    Quantiles (Definition 5)

                    Level          Quantile

                    100% Max         199.92
                    99%              199.92
                    95%              199.92
                    90%              199.92
                    75% Q3           199.92
                    50% Median       199.92
                    25% Q1           199.92
                    10%              199.92
                    5%               199.92
                    1%               199.92
                    0% Min           199.92
```

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---------------------------------- Transaction_ID=198364777 ----------------------------------

                         The UNIVARIATE Procedure
                            Variable: Cost

                          Extreme Observations

             -----Lowest-----   -----Highest----

             Value   Obs   Value   Obs

```
          199.92          420          199.92          420
```

```
-------------------------------- Transaction_ID=198364778 ----------------------------------
```

The UNIVARIATE Procedure
Variable: Cost

Moments

N	5	Sum Weights	5
Mean	1056.822	Sum Observations	5284.11
Std Deviation	550.45748	Variance	303003.437
Skewness	-0.4751829	Kurtosis	0.10808262
Uncorrected SS	6796377.45	Corrected SS	1212013.75
Coeff Variation	52.086111	Std Error Mean	246.172069

Basic Statistical Measures

Location		Variability	
Mean	1056.822	Std Deviation	550.45748
Median	1030.670	Variance	303003
Mode	.	Range	1446
		Interquartile Range	530.71000

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	4.293022	Pr > |t|	0.0127
Sign	M	2.5	Pr >= |M|	0.0625
Signed Rank	S	7.5	Pr >= |S|	0.0625

Quantiles (Definition 5)

Level	Quantile
100% Max	1707.53
99%	1707.53
95%	1707.53
90%	1707.53
75% Q3	1407.55
50% Median	1030.67
25% Q1	876.84
10%	261.52
5%	261.52
1%	261.52
0% Min	261.52

```
-------------------------------- Transaction_ID=198364778 ----------------------------------
```

```
                          The UNIVARIATE Procedure
                            Variable:  Cost


                             Extreme Observations


              ------Lowest-----          -----Highest-----


                 Value      Obs           Value      Obs


                261.52      421          261.52      421
                876.84      422          876.84      422
               1030.67      423         1030.67      423
               1407.55      424         1407.55      424
               1707.53      425         1707.53      425


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--------------------------------- Transaction_ID=198364779 ---------------------------------

                          The UNIVARIATE Procedure
                            Variable:  Cost


                                 Moments


N                              4     Sum Weights                      4
Mean                    843.1925     Sum Observations          3372.77
Std Deviation         748.518708     Variance                560280.257
Skewness              1.29209811     Kurtosis                1.99389752
Uncorrected SS        4524735.14     Corrected SS            1680840.77
Coeff Variation       88.7719837     Std Error Mean          374.259354


                          Basic Statistical Measures


              Location                        Variability


          Mean      843.1925     Std Deviation           748.51871
          Median    659.5750     Variance                   560280
          Mode          .        Range                        1738
                                 Interquartile Range          1002


                       Tests for Location: Mu0=0


          Test              -Statistic-      -----p Value------


          Student's t    t  2.252963      Pr > |t|     0.1096
          Sign           M         2      Pr >= |M|    0.1250
          Signed Rank    S         5      Pr >= |S|    0.1250


                          Quantiles (Definition 5)


                          Level          Quantile


                          100% Max       1895.940
```

```
                          99%            1895.940
                          95%            1895.940
                          90%            1895.940
                          75% Q3         1344.095
                          50% Median      659.575
                          25% Q1          342.290
                          10%            157.680
                           5%            157.680
                           1%            157.680
                           0% Min        157.680
```

-------------------------------- Transaction_ID=198364779 ----------------------------------

                           The UNIVARIATE Procedure
                              Variable: Cost

                           Extreme Observations

            ------Lowest-----   -----Highest-----

                Value   Obs   Value   Obs

               157.68   426   157.68   426
               526.90   427   526.90   427
               792.25   428   792.25   428
              1895.94   429   1895.94   429

-------------------------------- Transaction_ID=198364780 ----------------------------------

                           The UNIVARIATE Procedure
                              Variable: Cost

                                  Moments

```
N                        3    Sum Weights                     3
Mean             792.146667    Sum Observations          2376.44
Std Deviation    553.882492    Variance              306785.815
Skewness         0.92391023    Kurtosis                       .
Uncorrected SS   2496060.65    Corrected SS          613571.629
Coeff Variation  69.9217096    Std Error Mean        319.784206
```

                           Basic Statistical Measures

            Location   Variability

        Mean   792.1467   Std Deviation   553.88249
        Median   672.9000   Variance   306786
        Mode   .   Range   1088
                              Interquartile Range   1088

                           Tests for Location: Mu0=0

```
Test            -Statistic-     -----p Value------

Student's t   t 2.477129    Pr > |t|    0.1316
Sign          M      1.5    Pr >= |M|   0.2500
Signed Rank   S        3    Pr >= |S|   0.2500



                 Quantiles (Definition 5)

           Level           Quantile

           100% Max         1395.94
           99%              1395.94
           95%              1395.94
           90%              1395.94
           75% Q3           1395.94
           50% Median        672.90
           25% Q1            307.60
           10%               307.60
           5%                307.60
           1%                307.60
           0% Min            307.60


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--------------------------------- Transaction_ID=198364780 ---------------------------------

                    The UNIVARIATE Procedure
                       Variable:  Cost

                    Extreme Observations

         ------Lowest-----          -----Highest-----

           Value      Obs           Value      Obs

          307.60      430          307.60      430
          672.90      431          672.90      431
         1395.94      432         1395.94      432

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--------------------------------- Transaction_ID=198364781 ---------------------------------

                    The UNIVARIATE Procedure
                       Variable:  Cost


                         Moments

N                    7    Sum Weights                7
Mean          3319.02714    Sum Observations     23233.19
Std Deviation 1002.56184    Variance           1005130.24
Skewness      -0.0507942    Kurtosis           -1.7443762
Uncorrected SS 83142369.7   Corrected SS        6030781.44
Coeff Variation 30.2064971  Std Error Mean      378.932757
```

```
                       Basic Statistical Measures

            Location                      Variability

       Mean     3319.027     Std Deviation              1003
       Median   3480.570     Variance                1005130
       Mode        .         Range                      2565
                             Interquartile Range        1984


                       Tests for Location: Mu0=0

          Test             -Statistic-      -----p Value------

          Student's t    t  8.758882     Pr > |t|     0.0001
          Sign           M       3.5     Pr >= |M|    0.0156
          Signed Rank    S        14     Pr >= |S|    0.0156


                          Quantiles (Definition 5)

                       Level          Quantile

                       100% Max        4665.07
                       99%             4665.07
                       95%             4665.07
                       90%             4665.07
                       75% Q3          4168.96
                       50% Median      3480.57
                       25% Q1          2184.49
                       10%             2099.89
                       5%              2099.89
                       1%              2099.89
                       0% Min          2099.89


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---------------------------------- Transaction_ID=198364781 ----------------------------------

                         The UNIVARIATE Procedure
                             Variable:  Cost


                            Extreme Observations

             ------Lowest-----        -----Highest-----

               Value      Obs          Value      Obs

              2099.89     433         2726.77     435
              2184.49     434         3480.57     436
              2726.77     435         3907.44     437
              3480.57     436         4168.96     438
              3907.44     437         4665.07     439


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```

The UNIVARIATE Procedure
Variable: Cost

Moments

N	5	Sum Weights	5
Mean	3367.36	Sum Observations	16836.8
Std Deviation	1193.2733	Variance	1423901.16
Skewness	-0.272933	Kurtosis	-1.0839543
Uncorrected SS	62391171.5	Corrected SS	5695604.64
Coeff Variation	35.4364635	Std Error Mean	533.648041

Basic Statistical Measures

Location		Variability	
Mean	3367.360	Std Deviation	1193
Median	3484.240	Variance	1423901
Mode	.	Range	3019
		Interquartile Range	1488

Tests for Location: Mu0=0

Test		-Statistic-	-----p Value------	
Student's t	t	6.310077	Pr > |t|	0.0032
Sign	M	2.5	Pr >= |M|	0.0625
Signed Rank	S	7.5	Pr >= |S|	0.0625

Quantiles (Definition 5)

Level	Quantile
100% Max	4787.99
99%	4787.99
95%	4787.99
90%	4787.99
75% Q3	4141.87
50% Median	3484.24
25% Q1	2653.60
10%	1769.10
5%	1769.10
1%	1769.10
0% Min	1769.10

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The UNIVARIATE Procedure
Variable: Cost

```
                        Extreme Observations

              ------Lowest-----        -----Highest-----

                Value      Obs          Value      Obs

               1769.10     440         1769.10     440
               2653.60     441         2653.60     441
               3484.24     442         3484.24     442
               4141.87     443         4141.87     443
               4787.99     444         4787.99     444
```

```
-------------------------------- Transaction_ID=198364783 --------------------------------

                           The UNIVARIATE Procedure
                              Variable:  Cost

                                  Moments

    N                        4    Sum Weights                   4
    Mean             2658.5025    Sum Observations       10634.01
    Std Deviation   1723.18571    Variance             2969368.99
    Skewness        -1.1156822    Kurtosis             1.66707268
    Uncorrected SS  37178649.1    Corrected SS         8908106.97
    Coeff Variation 64.8179082    Std Error Mean       861.592855


                          Basic Statistical Measures

            Location                      Variability

        Mean     2658.503    Std Deviation             1723
        Median   3015.240    Variance               2969369
        Mode        .        Range                     4050
                             Interquartile Range       2340


                        Tests for Location: Mu0=0

          Test           -Statistic-     -----p Value------

          Student's t    t  3.085567     Pr > |t|    0.0539
          Sign           M         2     Pr >= |M|   0.1250
          Signed Rank    S         5     Pr >= |S|   0.1250


                          Quantiles (Definition 5)

                         Level        Quantile

                         100% Max      4326.63
                         99%           4326.63
                         95%           4326.63
                         90%           4326.63
                         75% Q3        3828.62
```

```
                    50% Median       3015.24
                    25% Q1           1488.39
                    10%               276.90
                     5%               276.90
                     1%               276.90
                     0% Min           276.90
```

-------------------------------- Transaction_ID=198364783 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
        ------Lowest-----          -----Highest-----

          Value      Obs            Value      Obs

         276.90      445           276.90      445
        2699.88      446          2699.88      446
        3330.60      447          3330.60      447
        4326.63      448          4326.63      448
```

-------------------------------- Transaction_ID=198364784 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                       1   Sum Weights              1
Mean                142.3   Sum Observations     142.3
Std Deviation           .   Variance                 .
Skewness                .   Kurtosis                 .
Uncorrected SS    20249.29  Corrected SS             0
Coeff Variation         .   Std Error Mean           .
```

Basic Statistical Measures

```
     Location                    Variability

   Mean     142.3000   Std Deviation           .
   Median   142.3000   Variance                .
   Mode     142.3000   Range                   0
                       Interquartile Range     0
```

Tests for Location: Mu0=0

```
   Test            -Statistic-     -----p Value------

   Student's t    t          .    Pr > |t|      .
```

```
                  Sign          M      0.5    Pr >= |M|   1.0000
                  Signed Rank   S      0.5    Pr >= |S|   1.0000


                         Quantiles (Definition 5)

                         Level          Quantile

                         100% Max         142.3
                         99%              142.3
                         95%              142.3
                         90%              142.3
                         75% Q3           142.3
                         50% Median       142.3
                         25% Q1           142.3
                         10%              142.3
                         5%               142.3
                         1%               142.3
                         0% Min           142.3
```

```
-------------------------------- Transaction_ID=198364784 ----------------------------------

                         The UNIVARIATE Procedure
                              Variable:  Cost


                            Extreme Observations

                 -----Lowest----        ----Highest----

                  Value      Obs         Value       Obs

                  142.3      449         142.3       449
```

```
-------------------------------- Transaction_ID=198364785 ----------------------------------

                         The UNIVARIATE Procedure
                              Variable:  Cost


                                   Moments

N                        2   Sum Weights                    2
Mean                719.17   Sum Observations         1438.34
Std Deviation   407.929902   Variance               166406.805
Skewness                 .   Kurtosis                       .
Uncorrected SS  1200817.78   Corrected SS           166406.805
Coeff Variation 56.7223191   Std Error Mean            288.45


                        Basic Statistical Measures

             Location                      Variability

          Mean     719.1700    Std Deviation         407.92990
```

```
              Median     719.1700      Variance                   166407
              Mode          .          Range                576.90000
                                        Interquartile Range  576.90000


                            Tests for Location: Mu0=0

                   Test            -Statistic-      -----p Value------

                   Student's t   t  2.493222     Pr > |t|    0.2428
                   Sign          M         1      Pr >= |M|   0.5000
                   Signed Rank   S       1.5      Pr >= |S|   0.5000


                              Quantiles (Definition 5)

                              Level          Quantile

                              100% Max        1007.62
                              99%             1007.62
                              95%             1007.62
                              90%             1007.62
                              75% Q3          1007.62
                              50% Median       719.17
                              25% Q1           430.72
                              10%              430.72
                              5%               430.72
                              1%               430.72
                              0% Min           430.72


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--------------------------------- Transaction_ID=198364785 ----------------------------------

                                The UNIVARIATE Procedure
                                     Variable:  Cost


                                  Extreme Observations

                         ------Lowest-----        -----Highest-----

                            Value      Obs          Value      Obs

                            430.72     450          430.72     450
                           1007.62     451         1007.62     451


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--------------------------------- Transaction_ID=198364786 ----------------------------------

                                The UNIVARIATE Procedure
                                     Variable:  Cost


                                        Moments

          N                        8      Sum Weights                  8
          Mean              2089.68875    Sum Observations      16717.51
```

```
Std Deviation       1445.25174     Variance                2088752.6
Skewness            0.31985613     Kurtosis                -1.648599
Uncorrected SS      49555660.8     Corrected SS           14621268.2
Coeff Variation     69.1611008     Std Error Mean         510.973654


                      Basic Statistical Measures

         Location                      Variability

    Mean      2089.689     Std Deviation              1445
    Median    1911.345     Variance                2088753
    Mode          .        Range                      3715
                           Interquartile Range        2644


                     Tests for Location: Mu0=0

       Test            -Statistic-     -----p Value------

       Student's t    t  4.089621     Pr > |t|    0.0046
       Sign           M         4     Pr >= |M|   0.0078
       Signed Rank    S        18     Pr >= |S|   0.0078


                       Quantiles (Definition 5)

                    Level          Quantile

                    100% Max        4141.86
                    99%             4141.86
                    95%             4141.86
                    90%             4141.86
                    75% Q3          3403.47
                    50% Median      1911.35
                    25% Q1           759.56
                    10%              426.90
                    5%               426.90
                    1%               426.90
                    0% Min           426.90
```

```
--------------------------------- Transaction_ID=198364786 ----------------------------------

                        The UNIVARIATE Procedure
                             Variable:  Cost

                          Extreme Observations

          ------Lowest-----          -----Highest-----

            Value      Obs            Value      Obs

            426.90     452           1565.22     455
            703.80     453           2257.47     456
            815.32     454           2988.12     457
```

```
        1565.22      455        3818.82      458
        2257.47      456        4141.86      459
```

-------------------------------- Transaction_ID=198364787 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

N	6	Sum Weights	6
Mean	2372.92333	Sum Observations	14237.54
Std Deviation	1173.54759	Variance	1377213.95
Skewness	0.19337941	Kurtosis	-0.5013126
Uncorrected SS	40670660.6	Corrected SS	6886069.75
Coeff Variation	49.4557736	Std Error Mean	479.098798

Basic Statistical Measures

Location		Variability	
Mean	2372.923	Std Deviation	1174
Median	2430.640	Variance	1377214
Mode	.	Range	3261
		Interquartile Range	1623

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	4.952889	Pr > |t|	0.0043
Sign	M	3	Pr >= |M|	0.0313
Signed Rank	S	10.5	Pr >= |S|	0.0313

Quantiles (Definition 5)

Level	Quantile
100% Max	4107.36
99%	4107.36
95%	4107.36
90%	4107.36
75% Q3	3022.86
50% Median	2430.64
25% Q1	1399.92
10%	846.12
5%	846.12
1%	846.12
0% Min	846.12

```
--------------------------------- Transaction_ID=198364787 ---------------------------------

                              The UNIVARIATE Procedure
                                 Variable:  Cost

                                Extreme Observations

              ------Lowest-----          -----Highest-----

                  Value       Obs            Value       Obs

                 846.12       460          1399.92       461
                1399.92       461          2138.36       462
                2138.36       462          2722.92       463
                2722.92       463          3022.86       464
                3022.86       464          4107.36       465


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--------------------------------- Transaction_ID=198364788 ---------------------------------

                              The UNIVARIATE Procedure
                                 Variable:  Cost

                                      Moments

        N                        10    Sum Weights                    10
        Mean                2220.158    Sum Observations         22201.58
        Std Deviation    1552.29376    Variance              2409615.93
        Skewness         1.28132885    Kurtosis              0.3913841
        Uncorrected SS    70977558.8    Corrected SS          21686543.4
        Coeff Variation  69.9181664    Std Error Mean        490.878389


                              Basic Statistical Measures

              Location                        Variability

          Mean     2220.158    Std Deviation                1552
          Median   1661.360    Variance                  2409616
          Mode          .      Range                        4400
                               Interquartile Range          1681


                              Tests for Location: Mu0=0

             Test              -Statistic-      -----p Value------

             Student's t    t  4.522827      Pr > |t|    0.0014
             Sign           M         5      Pr >= |M|   0.0020
             Signed Rank    S      27.5      Pr >= |S|   0.0020


                              Quantiles (Definition 5)

                              Level           Quantile
```

```
                           100% Max           5214.820
                           99%                5214.820
                           95%                5214.820
                           90%                4945.620
                           75% Q3             2792.020
                           50% Median         1661.360
                           25% Q1             1111.450
                           10%                 890.315
                           5%                  815.320
                           1%                  815.320
                           0% Min              815.320
```

-------------------------------- Transaction_ID=198364788 ----------------------------------

                         The UNIVARIATE Procedure
                            Variable: Cost

                         Extreme Observations

           ------Lowest-----   -----Highest-----

              Value   Obs   Value   Obs

             815.32   466   1838.24   471
             965.31   467   2003.62   472
            1111.45   468   2792.02   473
            1299.90   469   4676.42   474
            1484.48   470   5214.82   475

-------------------------------- Transaction_ID=198364789 ----------------------------------

                         The UNIVARIATE Procedure
                            Variable: Cost

                               Moments

```
N                       7    Sum Weights                7
Mean              5567.07429    Sum Observations    38969.52
Std Deviation       2618.743    Variance          6857814.91
Skewness          -0.7463873    Kurtosis          -1.2114297
Uncorrected SS     258093102    Corrected SS      41146889.5
Coeff Variation    47.039843    Std Error Mean     989.791819
```

                         Basic Statistical Measures

              Location   Variability

          Mean   5567.074   Std Deviation   2619
          Median   6903.220   Variance   6857815
          Mode   .   Range   6569
                                Interquartile Range   4646

```
                      Tests for Location: Mu0=0

          Test              -Statistic-      -----p Value------

          Student's t    t   5.62449     Pr > |t|     0.0014
          Sign           M       3.5     Pr >= |M|    0.0156
          Signed Rank    S        14     Pr >= |S|    0.0156


                         Quantiles (Definition 5)

                   Level           Quantile

                   100% Max         7941.51
                   99%              7941.51
                   95%              7941.51
                   90%              7941.51
                   75% Q3           7710.77
                   50% Median       6903.22
                   25% Q1           3065.18
                   10%              1372.98
                   5%               1372.98
                   1%               1372.98
                   0% Min           1372.98


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--------------------------------- Transaction_ID=198364789 ---------------------------------

                          The UNIVARIATE Procedure
                              Variable:  Cost

                           Extreme Observations

             ------Lowest-----          -----Highest-----

                Value      Obs            Value      Obs

              1372.98      476          4418.84      478
              3065.18      477          6903.22      479
              4418.84      478          7557.02      480
              6903.22      479          7710.77      481
              7557.02      480          7941.51      482

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--------------------------------- Transaction_ID=198364790 ---------------------------------

                          The UNIVARIATE Procedure
                              Variable:  Cost

                                 Moments

        N                      7     Sum Weights                    7
        Mean            3392.02571   Sum Observations        23744.18
        Std Deviation   2257.16135   Variance             5094777.35
```

```
Skewness            0.06450497    Kurtosis          -1.1420335
Uncorrected SS       111109533    Corrected SS      30568664.1
Coeff Variation     66.5431673    Std Error Mean    853.126799


                    Basic Statistical Measures

        Location                      Variability

    Mean     3392.026     Std Deviation              2257
    Median   2738.160     Variance                5094777
    Mode        .         Range                      6346
                          Interquartile Range        3830


                  Tests for Location: Mu0=0

     Test            -Statistic-     -----p Value------

     Student's t    t  3.975992     Pr > |t|    0.0073
     Sign           M       3.5     Pr >= |M|   0.0156
     Signed Rank    S        14     Pr >= |S|   0.0156


                    Quantiles (Definition 5)

               Level          Quantile

               100% Max        6507.17
               99%             6507.17
               95%             6507.17
               90%             6507.17
               75% Q3          5584.19
               50% Median      2738.16
               25% Q1          1753.72
               10%              161.50
               5%               161.50
               1%               161.50
               0% Min           161.50
```

```
--------------------------------- Transaction_ID=198364790 ---------------------------------

                       The UNIVARIATE Procedure
                            Variable:  Cost

                         Extreme Observations

          ------Lowest-----          -----Highest-----

            Value      Obs             Value      Obs

            161.50     483            2384.40     485
           1753.72     484            2738.16     486
           2384.40     485            4615.04     487
           2738.16     486            5584.19     488
```

```
        4615.04        487          6507.17         489
```

-------------------------------- Transaction_ID=198364791 ----------------------------------

                        The UNIVARIATE Procedure
                          Variable: Cost

                              Moments

```
N                      5   Sum Weights                   5
Mean              2139.788  Sum Observations       10698.94
Std Deviation   1929.94845  Variance             3724701.02
Skewness        0.35470639  Kurtosis             -3.0148622
Uncorrected SS   37792267.5 Corrected SS         14898804.1
Coeff Variation   90.193442 Std Error Mean       863.099185
```

                    Basic Statistical Measures

        Location   Variability

```
    Mean      2139.788    Std Deviation              1930
    Median    1580.590    Variance                3724701
    Mode           .      Range                      4023
                          Interquartile Range        3581
```

                    Tests for Location: Mu0=0

```
    Test              -Statistic-      -----p Value------

    Student's t    t  2.479191    Pr > |t|     0.0683
    Sign           M       2.5    Pr >= |M|    0.0625
    Signed Rank    S       7.5    Pr >= |S|    0.0625
```

                      Quantiles (Definition 5)

```
        Level          Quantile

        100% Max        4330.42
        99%             4330.42
        95%             4330.42
        90%             4330.42
        75% Q3          4030.44
        50% Median      1580.59
        25% Q1           449.89
        10%              307.60
        5%               307.60
        1%               307.60
        0% Min           307.60
```

-------------------------------- Transaction_ID=198364791 ----------------------------------

```
                    The UNIVARIATE Procedure
                      Variable:  Cost


                    Extreme Observations


          ------Lowest-----          -----Highest-----


            Value      Obs            Value      Obs


            307.60     490            307.60     490
            449.89     491            449.89     491
           1580.59     492           1580.59     492
           4030.44     493           4030.44     493
           4330.42     494           4330.42     494
```

```
-------------------------------- Transaction_ID=198364792 --------------------------------

                    The UNIVARIATE Procedure
                      Variable:  Cost


                          Moments


N                          1    Sum Weights                   1
Mean                  553.82    Sum Observations         553.82
Std Deviation              .    Variance                      .
Skewness                   .    Kurtosis                      .
Uncorrected SS     306716.592   Corrected SS                  0
Coeff Variation            .    Std Error Mean                .



                  Basic Statistical Measures


         Location                      Variability


     Mean      553.8200    Std Deviation              .
     Median    553.8200    Variance                   .
     Mode      553.8200    Range                      0
                           Interquartile Range        0



                  Tests for Location: Mu0=0


      Test            -Statistic-      -----p Value------


      Student's t    t          .    Pr > |t|       .
      Sign           M        0.5    Pr >= |M|    1.0000
      Signed Rank    S        0.5    Pr >= |S|    1.0000



                  Quantiles (Definition 5)


                  Level          Quantile


                  100% Max         553.82
```

```
                99%              553.82
                95%              553.82
                90%              553.82
                75% Q3           553.82
                50% Median       553.82
                25% Q1           553.82
                10%              553.82
                 5%              553.82
                 1%              553.82
                 0% Min          553.82
```

-------------------------------- Transaction_ID=198364792 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

```
         -----Lowest-----         -----Highest----

         Value      Obs          Value      Obs

         553.82     495          553.82     495
```

-------------------------------- Transaction_ID=198364793 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

```
N                       3   Sum Weights                3
Mean                657.59   Sum Observations     1972.77
Std Deviation     743.79571   Variance          553232.058
Skewness          1.3718679   Kurtosis                   .
Uncorrected SS    2403737.94   Corrected SS      1106464.12
Coeff Variation   113.10934   Std Error Mean    429.430653
```

Basic Statistical Measures

```
      Location                      Variability

   Mean     657.5900     Std Deviation        743.79571
   Median   399.9100     Variance                553232
   Mode          .       Range                     1419
                         Interquartile Range       1419
```

Tests for Location: Mu0=0

```
      Test              -Statistic-     -----p Value------
```

```
           Student's t    t  1.531307    Pr > |t|    0.2654
           Sign           M       1.5    Pr >= |M|   0.2500
           Signed Rank    S         3    Pr >= |S|   0.2500


                        Quantiles (Definition 5)

                        Level           Quantile

                        100% Max         1495.96
                        99%              1495.96
                        95%              1495.96
                        90%              1495.96
                        75% Q3           1495.96
                        50% Median        399.91
                        25% Q1             76.90
                        10%                76.90
                        5%                 76.90
                        1%                 76.90
                        0% Min             76.90


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```

-------------------------------- Transaction_ID=198364793 ----------------------------------

```
                        The UNIVARIATE Procedure
                          Variable:  Cost

                        Extreme Observations

              ------Lowest-----        -----Highest-----

                 Value      Obs           Value      Obs

                 76.90      496           76.90      496
                399.91      497          399.91      497
               1495.96      498         1495.96      498


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```

-------------------------------- Transaction_ID=198364794 ----------------------------------

```
                        The UNIVARIATE Procedure
                          Variable:  Cost

                                Moments

        N                       8    Sum Weights                  8
        Mean            2773.1825    Sum Observations      22185.46
        Std Deviation   2309.5385    Variance            5333968.07
        Skewness       0.22326642    Kurtosis           -2.0307806
        Uncorrected SS  98862105.9   Corrected SS        37337776.5
        Coeff Variation 83.2811579   Std Error Mean      816.545166


                        Basic Statistical Measures
```

```
            Location                        Variability

Mean       2773.183    Std Deviation              2310
Median     2484.280    Variance                5333968
Mode           .       Range                      5695
                       Interquartile Range        4123


                    Tests for Location: Mu0=0

        Test           -Statistic-      -----p Value------

        Student's t   t  3.396239    Pr > |t|     0.0115
        Sign          M         4    Pr >= |M|    0.0078
        Signed Rank   S        18    Pr >= |S|    0.0078



                      Quantiles (Definition 5)

               Level           Quantile

               100% Max         5964.640
               99%              5964.640
               95%              5964.640
               90%              5964.640
               75% Q3           4807.080
               50% Median       2484.280
               25% Q1            684.475
               10%              269.150
               5%               269.150
               1%               269.150
               0% Min           269.150
```

-------------------------------- Transaction_ID=198364794 ---------------------------------

                         The UNIVARIATE Procedure
                            Variable: Cost

                           Extreme Observations

```
        ------Lowest-----        -----Highest-----

          Value      Obs          Value      Obs

          269.15     499         1245.98     502
          384.49     500         3722.58     503
          984.46     501         4322.50     504
         1245.98     502         5291.66     505
         3722.58     503         5964.64     506
```

-------------------------------- Transaction_ID=198364795 ---------------------------------

                         The UNIVARIATE Procedure

```
                       Variable:  Cost

                         Moments

N                        1    Sum Weights                1
Mean                1230.64    Sum Observations     1230.64
Std Deviation            .    Variance                 .
Skewness                 .    Kurtosis                 .
Uncorrected SS   1514474.81    Corrected SS             0
Coeff Variation          .    Std Error Mean           .


                 Basic Statistical Measures

        Location                    Variability

    Mean     1230.640    Std Deviation            .
    Median   1230.640    Variance                 .
    Mode     1230.640    Range                    0
                         Interquartile Range      0


                 Tests for Location: Mu0=0

     Test              -Statistic-     -----p Value------

     Student's t    t         .    Pr > |t|       .
     Sign           M       0.5    Pr >= |M|    1.0000
     Signed Rank    S       0.5    Pr >= |S|    1.0000


                    Quantiles (Definition 5)

                  Level        Quantile

                  100% Max      1230.64
                  99%           1230.64
                  95%           1230.64
                  90%           1230.64
                  75% Q3        1230.64
                  50% Median    1230.64
                  25% Q1        1230.64
                  10%           1230.64
                  5%            1230.64
                  1%            1230.64
                  0% Min        1230.64

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-------------------------------- Transaction_ID=198364795 ----------------------------------

                      The UNIVARIATE Procedure
                         Variable:  Cost

                      Extreme Observations

            ------Lowest-----        -----Highest-----
```

```
              Value      Obs         Value      Obs

             1230.64     507        1230.64     507
```

```
--------------------------------- Transaction_ID=198364796 ---------------------------------
```

                        The UNIVARIATE Procedure
                           Variable: Cost

                              Moments

```
N                         7   Sum Weights                  7
Mean              1760.19429   Sum Observations      12321.36
Std Deviation     1296.90948   Variance            1681974.19
Skewness          0.53792751   Kurtosis            -1.739588
Uncorrected SS    31779832.6   Corrected SS        10091845.2
Coeff Variation    73.679905   Std Error Mean      490.185707
```

                        Basic Statistical Measures

           Location   Variability

```
     Mean     1760.194    Std Deviation             1297
     Median   1126.750    Variance               1681974
     Mode        .        Range                     3219
                          Interquartile Range       2588
```

                        Tests for Location: Mu0=0

```
        Test           -Statistic-      -----p Value------

        Student's t    t  3.590872     Pr > |t|    0.0115
        Sign           M       3.5     Pr >= |M|   0.0156
        Signed Rank    S        14     Pr >= |S|   0.0156
```

                        Quantiles (Definition 5)

```
                Level          Quantile

                100% Max        3618.77
                99%            3618.77
                95%            3618.77
                90%            3618.77
                75% Q3         3218.81
                50% Median     1126.75
                25% Q1          630.66
                10%            399.92
                5%             399.92
                1%             399.92
                0% Min         399.92
```

-------------------------------- Transaction_ID=198364796 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Extreme Observations

------Lowest-----		-----Highest-----	
Value	Obs	Value	Obs
399.92	508	969.06	510
630.66	509	1126.75	511
969.06	510	2357.39	512
1126.75	511	3218.81	513
2357.39	512	3618.77	514

-------------------------------- Transaction_ID=198364797 ----------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

N	9	Sum Weights	9
Mean	3376.21333	Sum Observations	30385.92
Std Deviation	1884.86522	Variance	3552716.9
Skewness	-0.1346896	Kurtosis	-1.2668952
Uncorrected SS	131011083	Corrected SS	28421735.2
Coeff Variation	55.8277879	Std Error Mean	628.288407

Basic Statistical Measures

Location		Variability	
Mean	3376.213	Std Deviation	1885
Median	3753.560	Variance	3552717
Mode	.	Range	5288
		Interquartile Range	2865

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	5.373668	Pr > |t|	0.0007
Sign	M	4.5	Pr >= |M|	0.0039
Signed Rank	S	22.5	Pr >= |S|	0.0039

Quantiles (Definition 5)

```
              Level        Quantile

             100% Max       5884.10
             99%            5884.10
             95%            5884.10
             90%            5884.10
             75% Q3         4649.63
             50% Median     3753.56
             25% Q1         1784.46
             10%             596.10
             5%              596.10
             1%              596.10
             0% Min          596.10
```

-------------------------------- Transaction_ID=198364797 ----------------------------------

                         The UNIVARIATE Procedure
                            Variable: Cost

                          Extreme Observations

             ------Lowest-----   -----Highest-----

               Value   Obs   Value   Obs

               596.10   515   3753.56   519
              1242.18   516   3861.23   520
              1784.46   517   4649.63   521
              2969.00   518   5645.66   522
              3753.56   519   5884.10   523

-------------------------------- Transaction_ID=198364798 ----------------------------------

                         The UNIVARIATE Procedure
                            Variable: Cost

                                Moments

```
N                         9   Sum Weights                      9
Mean              3344.54333   Sum Observations         30100.89
Std Deviation     1456.69052   Variance               2121947.26
Skewness          -0.6807531   Kurtosis                -0.917664
Uncorrected SS     117649309   Corrected SS           16975578.1
Coeff Variation   43.5542425   Std Error Mean         485.563505
```

                          Basic Statistical Measures

              Location   Variability

           Mean   3344.543   Std Deviation   1457
           Median   3495.830   Variance   2121947
           Mode   .   Range   3930

```
                    Interquartile Range          1869


                  Tests for Location: Mu0=0

          Test          -Statistic-     -----p Value------

          Student's t   t  6.887963    Pr > |t|    0.0001
          Sign          M       4.5    Pr >= |M|   0.0039
          Signed Rank   S      22.5    Pr >= |S|   0.0039



                     Quantiles (Definition 5)

                   Level         Quantile

                   100% Max       4911.01
                   99%            4911.01
                   95%            4911.01
                   90%            4911.01
                   75% Q3         4549.53
                   50% Median     3495.83
                   25% Q1         2680.53
                   10%             980.70
                   5%              980.70
                   1%              980.70
                   0% Min          980.70
```

```
-------------------------------- Transaction_ID=198364798 ----------------------------------

                     The UNIVARIATE Procedure
                         Variable:  Cost


                      Extreme Observations

          ------Lowest-----        -----Highest-----

             Value    Obs           Value    Obs

             980.70   524          3495.83   528
            1296.06   525          4326.47   529
            2680.53   526          4549.53   530
            3165.09   527          4695.67   531
            3495.83   528          4911.01   532
```

```
-------------------------------- Transaction_ID=198364799 ----------------------------------

                     The UNIVARIATE Procedure
                         Variable:  Cost


                            Moments

       N                       3   Sum Weights              3
```

```
Mean                923.013333    Sum Observations          2769.04
Std Deviation       453.532515    Variance              205691.743
Skewness             1.4882568    Kurtosis                       .
Uncorrected SS      2967244.33    Corrected SS          411383.485
Coeff Variation     49.1360741    Std Error Mean         261.84712


                    Basic Statistical Measures

        Location                       Variability

   Mean      923.0133    Std Deviation         453.53252
   Median    746.1000    Variance                 205692
   Mode            .     Range                 853.74000
                         Interquartile Range   853.74000


                 Tests for Location: Mu0=0

      Test           -Statistic-    -----p Value------

      Student's t    t  3.525009    Pr > |t|    0.0719
      Sign           M       1.5    Pr >= |M|   0.2500
      Signed Rank    S         3    Pr >= |S|   0.2500


                    Quantiles (Definition 5)

              Level          Quantile

              100% Max        1438.34
              99%             1438.34
              95%             1438.34
              90%             1438.34
              75% Q3          1438.34
              50% Median       746.10
              25% Q1           584.60
              10%              584.60
              5%               584.60
              1%               584.60
              0% Min           584.60


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-------------------------------- Transaction_ID=198364799 ----------------------------------

                       The UNIVARIATE Procedure
                          Variable:  Cost


                       Extreme Observations

        ------Lowest-----        -----Highest-----

          Value      Obs          Value      Obs

          584.60     533          584.60     533
          746.10     534          746.10     534
```

```
              1438.34       535          1438.34       535
```

-------------------------------- Transaction_ID=198364800 --------------------------------

The UNIVARIATE Procedure
Variable: Cost

Moments

N	2	Sum Weights	2
Mean	784.49	Sum Observations	1568.98
Std Deviation	81.5718383	Variance	6653.9648
Skewness	.	Kurtosis	.
Uncorrected SS	1237503.09	Corrected SS	6653.9648
Coeff Variation	10.3980724	Std Error Mean	57.68

Basic Statistical Measures

Location		Variability	
Mean	784.4900	Std Deviation	81.57184
Median	784.4900	Variance	6654
Mode	.	Range	115.36000
		Interquartile Range	115.36000

Tests for Location: Mu0=0

Test	-Statistic-		-----p Value------	
Student's t	t	13.60073	Pr > |t|	0.0467
Sign	M	1	Pr >= |M|	0.5000
Signed Rank	S	1.5	Pr >= |S|	0.5000

Quantiles (Definition 5)

Level	Quantile
100% Max	842.17
99%	842.17
95%	842.17
90%	842.17
75% Q3	842.17
50% Median	784.49
25% Q1	726.81
10%	726.81
5%	726.81
1%	726.81
0% Min	726.81

-------------------------------- Transaction_ID=198364800 --------------------------------

```
                    The UNIVARIATE Procedure
                        Variable:  Cost


                      Extreme Observations


        -----Lowest-----          -----Highest----


        Value        Obs          Value        Obs


        726.81       536          726.81       536
        842.17       537          842.17       537


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                    The UNIVARIATE Procedure
              Fitted Lognormal Distribution for Cost


                Parameters for Lognormal Distribution


                  Parameter    Symbol    Estimate


                  Threshold    Theta     -749.251
                  Scale        Zeta      7.996661
                  Shape        Sigma     0.606349
                  Mean                    2821.355
                  Std Dev                 2380.148



            Goodness-of-Fit Tests for Lognormal Distribution


    Test                    ----Statistic-----    ------p Value------


    Kolmogorov-Smirnov    D        0.06151208    Pr > D        <0.001
    Cramer-von Mises      W-Sq     0.52999319    Pr > W-Sq     <0.001
    Anderson-Darling      A-Sq     3.40682495    Pr > A-Sq     <0.001



                Quantiles for Lognormal Distribution


                        --------Quantile-------
            Percent     Observed     Estimated


               1.0      103.830      -24.3145
               5.0      284.580      346.6224
              10.0      492.260      616.6841
              25.0     1096.100     1224.4890
              50.0     2407.440     2221.7711
              75.0     4030.450     3722.9554
              90.0     5783.900     5712.9692
              95.0     6684.100     7305.4880
              99.0     8153.180    11426.9542


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                    The UNIVARIATE Procedure
                       Variable:  ArrDelay
```

```
                                Moments

N                          492847    Sum Weights                  492847
Mean                  9.60159035    Sum Observations            4732115
Std Deviation         45.0023939    Variance                 2025.21545
Skewness              5.56059002    Kurtosis                 67.7229998
Uncorrected SS        1043555165    Corrected SS              998119335
Coeff Variation       468.697291    Std Error Mean            0.06410318


                    Basic Statistical Measures

          Location                      Variability

     Mean       9.60159    Std Deviation             45.00239
     Median    -3.00000    Variance                      2025
     Mode      -8.00000    Range                         1574
                           Interquartile Range       25.00000


                  Tests for Location: Mu0=0

       Test              -Statistic-      -----p Value------

       Student's t    t  149.7834    Pr > |t|     <.0001
       Sign           M  -33855.5    Pr >= |M|    <.0001
       Signed Rank    S   6.891E8    Pr >= |S|    <.0001


                     Quantiles (Definition 5)

                   Level           Quantile

                   100% Max            1508
                   99%                  194
                   95%                   88
                   90%                   49
                   75% Q3                13
                   50% Median            -3
                   25% Q1               -12
                   10%                  -18
                   5%                   -23
                   1%                   -31
                   0% Min               -66


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                    The UNIVARIATE Procedure
                      Variable:  ArrDelay


                     Extreme Observations

          ----Lowest----          ----Highest---

          Value       Obs         Value       Obs
```

```
           -66     46375          1323     2248
           -65    408600          1371    11223
           -65     55493          1463    30156
           -62    336261          1498    43092
           -62     42111          1508    32374


                         Missing Values

                          -----Percent Of-----
           Missing                        Missing
            Value      Count     All Obs      Obs

               .       11050        2.19    100.00


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                    The UNIVARIATE Procedure
                     Variable:  ArrDelayLag

                           Moments

N                     495913     Sum Weights            495913
Mean               5.18528855    Sum Observations      2571452
Std Deviation      35.3064871    Variance           1246.54803
Skewness            6.0207565    Kurtosis           69.6836051
Uncorrected SS      631511848    Corrected SS        618178127
Coeff Variation    680.897249    Std Error Mean     0.05013624


                   Basic Statistical Measures

           Location                    Variability

       Mean     5.185289    Std Deviation          35.30649
       Median   0.000000    Variance                   1247
       Mode     0.000000    Range                      1262
                            Interquartile Range    13.00000


                    Tests for Location: Mu0=0

       Test              -Statistic-     -----p Value------

       Student's t    t    103.424    Pr > |t|     <.0001
       Sign           M  -36843.5      Pr >= |M|    <.0001
       Signed Rank    S  -2.548E9      Pr >= |S|    <.0001


                    Quantiles (Definition 5)

                    Level          Quantile

                    100% Max           1196
                    99%                 160
                    95%                  60
                    90%                  29
```

```
        75% Q3                    4
        50% Median                0
        25% Q1                   -9
        10%                     -17
         5%                     -21
         1%                     -30
         0% Min                 -66
```

                    The UNIVARIATE Procedure
                     Variable: ArrDelayLag

                    Extreme Observations

             ----Lowest----   ----Highest---

           Value   Obs   Value   Obs

            -66   46376   1027   35578
            -65   408601   1027   83104
            -65   55494   1048   85468
            -61   485879   1068   85467
            -61   74352   1196   198916

                      Missing Values

                              -----Percent Of-----
        Missing   Missing
         Value   Count   All Obs   Obs

           .   7984   1.58   100.00

                    The UNIVARIATE Procedure
                     Variable: ArrDelayLag2

                          Moments

N   498418   Sum Weights   498418
Mean   2.1322364   Sum Observations   1062745
Std Deviation   26.0538117   Variance   678.801103
Skewness   7.70670284   Kurtosis   115.573914
Uncorrected SS   340592033   Corrected SS   338326009
Coeff Variation 1221.90071   Std Error Mean   0.03690408

                   Basic Statistical Measures

          Location   Variability

     Mean   2.132236   Std Deviation   26.05381
     Median   0.000000   Variance   678.80110
     Mode   0.000000   Range   1133
                            Interquartile Range   6.00000
```

```
                      Tests for Location: Mu0=0

Test                -Statistic-       -----p Value------

Student's t     t 57.77779       Pr > |t|      <.0001
Sign            M    -35522       Pr >= |M|     <.0001
Signed Rank     S  -3.101E9       Pr >= |S|     <.0001


                       Quantiles (Definition 5)

                   Level          Quantile

                   100% Max          1068
                   99%                115
                   95%                 34
                   90%                 14
                   75% Q3               0
                   50% Median           0
                   25% Q1              -6
                   10%                -15
                   5%                 -19
                   1%                 -27
                   0% Min             -65


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                     The UNIVARIATE Procedure
                      Variable:  ArrDelayLag2

                       Extreme Observations

              ----Lowest----          ----Highest---

           Value       Obs        Value        Obs

            -65     55495          950      44799
            -61    485880          970     269972
            -57    103874          977     199250
            -57     53246         1048      85469
            -56     55266         1068      85468


                          Missing Values

                             -----Percent Of-----
           Missing                            Missing
            Value       Count      All Obs        Obs

              .          5479         1.09      100.00

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                     The UNIVARIATE Procedure
              Fitted Lognormal Distribution for ArrDelay
```

```
                    Parameters for Lognormal Distribution

                  Parameter    Symbol    Estimate

                  Threshold    Theta     -66.0325
                  Scale        Zeta      4.231307
                  Shape        Sigma     0.390958
                  Mean                   8.239247
                  Std Dev                30.18285


              Goodness-of-Fit Tests for Lognormal Distribution

    Test                   ----Statistic-----    ------p Value------

    Kolmogorov-Smirnov     D          0.1355    Pr > D      <0.001
    Cramer-von Mises       W-Sq    2787.3972    Pr > W-Sq   <0.001
    Anderson-Darling       A-Sq   15453.5628    Pr > A-Sq   <0.001


                  Quantiles for Lognormal Distribution

                          --------Quantile-------
              Percent      Observed      Estimated

                 1.0     -31.00000     -38.32225
                 5.0     -23.00000     -29.86221
                10.0     -18.00000     -24.34197
                25.0     -12.00000     -13.17448
                50.0      -3.00000       2.77458
                75.0      13.00000      23.53600
                90.0      49.00000      47.52840
                95.0      88.00000      64.85983
                99.0     194.00000     104.82171


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                        The UNIVARIATE Procedure
                 Fitted Lognormal Distribution for ArrDelayLag

                    Parameters for Lognormal Distribution

                  Parameter    Symbol    Estimate

                  Threshold    Theta     -66.0483
                  Scale        Zeta      4.201862
                  Shape        Sigma     0.319708
                  Mean                   4.265495
                  Std Dev                23.06672


              Goodness-of-Fit Tests for Lognormal Distribution

    Test                   ----Statistic-----    ------p Value------

    Kolmogorov-Smirnov     D          0.2123    Pr > D      <0.001
```

```
Cramer-von Mises      W-Sq     4649.5777   Pr > W-Sq    <0.001
Anderson-Darling      A-Sq    23753.3997   Pr > A-Sq    <0.001


                 Quantiles for Lognormal Distribution

                       ------Quantile------
             Percent   Observed   Estimated

                 1.0   -30.000    -34.29140
                 5.0   -21.000    -26.56061
                10.0   -17.000    -21.69711
                25.0    -9.000    -12.19725
                50.0     0.000      0.76228
                75.0     4.000     16.84060
                90.0    29.000     34.59509
                95.0    60.000     46.99082
                99.0   160.000     74.50868


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                      The UNIVARIATE Procedure
              Fitted Lognormal Distribution for ArrDelayLag2

                  Parameters for Lognormal Distribution

                  Parameter    Symbol    Estimate

                  Threshold    Theta      -65.078
                  Scale        Zeta      4.169037
                  Shape        Sigma     0.249112
                  Mean                   1.612648
                  Std Dev                16.87456


             Goodness-of-Fit Tests for Lognormal Distribution

   Test                  ----Statistic-----    ------p Value------

   Kolmogorov-Smirnov    D            0.2879   Pr > D       <0.001
   Cramer-von Mises      W-Sq      8524.6367   Pr > W-Sq    <0.001
   Anderson-Darling      A-Sq     40375.5246   Pr > A-Sq    <0.001


                 Quantiles for Lognormal Distribution

                       ------Quantile------
             Percent   Observed   Estimated

                 1.0   -27.000    -28.86151
                 5.0   -19.000    -22.16035
                10.0   -15.000    -18.09499
                25.0    -6.000    -10.42453
                50.0     0.000     -0.42488
                75.0     0.000     11.40434
                90.0    14.000     23.89086
                95.0    34.000     32.31841
```

```
                     99.0    115.000    50.33972
```

```
                             The CORR Procedure

                        Covariance Matrix, DF = 486536

                    DepDelay        ArrDelay       ArrDelayLag     ArrDelayLag2

DepDelay         1741.691789     1742.782388       661.011751       292.065116
ArrDelay         1742.782388     1914.166157       665.223645       295.499293
ArrDelayLag       661.011751      665.223645      1114.965232       353.361265
ArrDelayLag2      292.065116      295.499293       353.361265       580.519019


                 Pearson Correlation Coefficients, N = 486537

                                                                      Arr
                                                         Arr         Delay
                          DepDelay        ArrDelay     DelayLag       Lag2

    DepDelay              1.00000         0.95448       0.47434       0.29046

    ArrDelay              0.95448         1.00000       0.45535       0.28032

    ArrDelayLag           0.47434         0.45535       1.00000       0.43922

    ArrDelayLag2          0.29046         0.28032       0.43922       1.00000
```

```
                                                    ArrDelay        ArrDelay
 _TYPE_      _NAME_         DepDelay     ArrDelay        Lag            Lag2

  COV      DepDelay         1741.69      1742.78       661.01         292.07

  COV      ArrDelay         1742.78      1914.17       665.22         295.50

  COV      ArrDelayLag       661.01       665.22      1114.97         353.36

  COV      ArrDelayLag2      292.07       295.50       353.36         580.52

  MEAN                        13.21         8.92         4.53           1.66

  STD                         41.73        43.75        33.39          24.09

  N                       486537.00    486537.00    486537.00      486537.00

  CORR     DepDelay           1.00         0.95         0.47           0.29

  CORR     ArrDelay           0.95         1.00         0.46           0.28

  CORR     ArrDelayLag        0.47         0.46         1.00           0.44

  CORR     ArrDelayLag2       0.29         0.28         0.44           1.00
```

```
                         The REG Procedure
                          Model: MODEL1
                     Dependent Variable: DepDelay


        Number of Observations Read                 494777
        Number of Observations Used                 488417
        Number of Observations with Missing Values    6360



                         Analysis of Variance

                              Sum of         Mean
        Source            DF      Squares      Square   F Value   Pr > F

        Model             10    205962233    20596223   15464.8   <.0001
        Error         488406    650464023  1331.81006
        Corrected Total 488416   856426256



              Root MSE             36.49397   R-Square     0.2405
              Dependent Mean       13.27211   Adj R-Sq     0.2405
              Coeff Var           274.96747



                         Parameter Estimates

                      Parameter     Standard                          Variance
        Variable     DF    Estimate        Error   t Value   Pr > |t|   Inflation

        Intercept     1     1.75346      0.15809     11.09    <.0001           0
        CRSDepTime    1  0.00023844   0.00000457     52.16    <.0001     2.42863
        SeqNum        1    -1.11241      0.04383    -25.38    <.0001     2.46949
        ArrDelayLagInd 1   -1.16500      0.17658     -6.60    <.0001     2.39266
        ArrDelayLag   1     0.66997      0.00771     86.90    <.0001    24.32564
        ArrDelayLagCum 1   -0.05853      0.00529    -11.06    <.0001    43.83334
        DepDelayLagInd 1    3.46261      0.16477     21.02    <.0001     2.10141
        DepDelayLag   1    -0.18188      0.00816    -22.30    <.0001    24.28154
        DepDelayLagCum 1    0.06987      0.00564     12.40    <.0001    45.07779
        DepDelayLag2  1     0.06037      0.00903      6.68    <.0001    15.42805
        ArrDelayLag2  1     0.11684      0.00849     13.76    <.0001    15.36764
```

```
                         The REG Procedure
                          Model: MODEL1
                     Dependent Variable: DepDelay


                     Test of First and Second
                       Moment Specification


                 DF    Chi-Square     Pr > ChiSq

                 63       1490.09         <.0001
```

The CORR Procedure

10 Variables: CRSDepTime   SeqNum   ArrDelayLagInd ArrDelayLag   ArrDelayLagCum
                 DepDelayLagInd DepDelayLag   DepDelayLagCum DepDelayLag2   ArrDelayLag2

Simple Statistics

Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
CRSDepTime	503897	48722	17829	2.45508E10	180.00000	86340
SeqNum	503897	3.21363	2.38068	1619337	1.00000	107.00000
ArrDelayLagInd	503897	0.29719	0.45702	149755	0	1.00000
ArrDelayLag	495913	5.18529	35.30649	2571452	-66.00000	1196
ArrDelayLagCum	503897	7.88957	70.00501	3975530	-197.00000	2107
DepDelayLagInd	503897	0.30327	0.45967	152819	0	1.00000
DepDelayLag	497454	8.38442	33.59904	4170864	-29.00000	1210
DepDelayLagCum	503897	16.24877	66.94175	8187708	-109.00000	2155
DepDelayLag2	499183	4.46646	24.70576	2229581	-29.00000	1087
ArrDelayLag2	498418	2.13224	26.05381	1062745	-65.00000	1068

Pearson Correlation Coefficients
Prob > |r| under H0: Rho=0
Number of Observations

	CRSDep Time	SeqNum	Arr Delay LagInd	Arr DelayLag	Arr Delay LagCum
CRSDepTime	1.00000	0.60677	0.32639	0.16056	0.13886
		<.0001	<.0001	<.0001	<.0001
	503897	503897	503897	495913	503897
SeqNum	0.60677	1.00000	0.24278	0.15157	0.11558
	<.0001		<.0001	<.0001	<.0001
	503897	503897	503897	495913	503897
ArrDelayLagInd	0.32639	0.24278	1.00000	0.54459	0.42813
	<.0001	<.0001		<.0001	<.0001
	503897	503897	503897	495913	503897
ArrDelayLag	0.16056	0.15157	0.54459	1.00000	0.78097
	<.0001	<.0001	<.0001		<.0001
	495913	495913	495913	495913	495913
ArrDelayLagCum	0.13886	0.11558	0.42813	0.78097	1.00000
	<.0001	<.0001	<.0001	<.0001	
	503897	503897	503897	495913	503897

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The CORR Procedure

Pearson Correlation Coefficients
Prob > |r| under H0: Rho=0

	CRSDep Time	SeqNum	Arr Delay LagInd	Arr DelayLag	Arr Delay LagCum
DepDelayLagInd	0.36809	0.25921	0.62278	0.45735	0.39074
	<.0001	<.0001	<.0001	<.0001	<.0001
	503897	503897	503897	495913	503897
DepDelayLag	0.19798	0.17514	0.45264	0.94832	0.75763
	<.0001	<.0001	<.0001	<.0001	<.0001
	497454	497454	497454	495913	497454
DepDelayLagCum	0.22698	0.18212	0.38411	0.74387	0.95750
	<.0001	<.0001	<.0001	<.0001	<.0001
	503897	503897	503897	495913	503897
DepDelayLag2	0.17732	0.18673	0.24774	0.41298	0.72204
	<.0001	<.0001	<.0001	<.0001	<.0001
	499183	499183	499183	493681	499183
ArrDelayLag2	0.10998	0.12716	0.26315	0.44118	0.75840
	<.0001	<.0001	<.0001	<.0001	<.0001
	498418	498418	498418	493143	498418

Pearson Correlation Coefficients
Prob > |r| under H0: Rho=0
Number of Observations

	Dep Delay LagInd	Dep DelayLag	Dep Delay LagCum	Dep Delay Lag2	Arr Delay Lag2
CRSDepTime	0.36809	0.19798	0.22698	0.17732	0.10998
	<.0001	<.0001	<.0001	<.0001	<.0001
	503897	497454	503897	499183	498418
SeqNum	0.25921	0.17514	0.18212	0.18673	0.12716
	<.0001	<.0001	<.0001	<.0001	<.0001
	503897	497454	503897	499183	498418
ArrDelayLagInd	0.62278	0.45264	0.38411	0.24774	0.26315
	<.0001	<.0001	<.0001	<.0001	<.0001
	503897	497454	503897	499183	498418

The CORR Procedure

Pearson Correlation Coefficients
Prob > |r| under H0: Rho=0
Number of Observations

	Dep Delay LagInd	Dep DelayLag	Dep Delay LagCum	Dep Delay Lag2	Arr Delay Lag2

ArrDelayLag	0.45735	0.94832	0.74387	0.41298	0.44118
	<.0001	<.0001	<.0001	<.0001	<.0001
	495913	495913	495913	493681	493143
ArrDelayLagCum	0.39074	0.75763	0.95750	0.72204	0.75840
	<.0001	<.0001	<.0001	<.0001	<.0001
	503897	497454	503897	499183	498418
DepDelayLagInd	1.00000	0.49968	0.42126	0.27026	0.28289
		<.0001	<.0001	<.0001	<.0001
	503897	497454	503897	499183	498418
DepDelayLag	0.49968	1.00000	0.78593	0.43777	0.45668
	<.0001		<.0001	<.0001	<.0001
	497454	497454	497454	495202	494656
DepDelayLagCum	0.42126	0.78593	1.00000	0.75675	0.73340
	<.0001	<.0001		<.0001	<.0001
	503897	497454	503897	499183	498418
DepDelayLag2	0.27026	0.43777	0.75675	1.00000	0.94047
	<.0001	<.0001	<.0001		<.0001
	499183	495202	499183	499183	498418
ArrDelayLag2	0.28289	0.45668	0.73340	0.94047	1.00000
	<.0001	<.0001	<.0001	<.0001	
	498418	494656	498418	498418	498418

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Number of Observations Read	494777
Number of Observations Used	488417
Number of Observations with Missing Values	6360

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	204970575	29281511	21952.9	<.0001
Error	488409	651455681	1333.83226		
Corrected Total	488416	856426256			

Root MSE	36.52167	R-Square	0.2393
Dependent Mean	13.27211	Adj R-Sq	0.2393
Coeff Var	275.17614		

Parameter Estimates

```
                      Parameter      Standard                            Variance
     Variable      DF   Estimate        Error    t Value   Pr > |t|     Inflation

     Intercept      1    1.26760      0.15604       8.12     <.0001             0
     CRSDepTime     1    0.00024057   0.00000451   53.36     <.0001       2.35898
     SeqNum         1   -0.94636      0.04269     -22.17     <.0001       2.33867
     ArrDelayLagInd 1    1.17817      0.14525       8.11     <.0001       1.61660
     ArrDelayLag    1    0.51385      0.00285     180.40     <.0001       3.31548
     ArrDelayLagCum 1    0.00250      0.00188       1.33     0.1850       5.54758
     DepDelayLag2   1    0.12378      0.00660      18.74     <.0001       8.23577
     ArrDelayLag2   1    0.05994      0.00654       9.16     <.0001       9.11114
```

The REG Procedure
Model: MODEL1
Dependent Variable: DepDelay

Test of First and Second
Moment Specification

```
          DF     Chi-Square     Pr > ChiSq

          35       1160.61         <.0001
```

-- Carrier=AA --

The LOGISTIC Procedure

Model Information

```
     Data Set                    WORK.BTS_LAG_DELAYS_201506_IND
     Response Variable           DepDelayInd
     Number of Response Levels   2
     Model                       binary logit
     Optimization Technique      Fisher's scoring
```

```
          Number of Observations Read        44360
          Number of Observations Used        43672
```

Response Profile

```
          Ordered     Dep            Total
           Value    DelayInd      Frequency

              1         1             9397
              2         0            34275
```

Probability modeled is DepDelayInd=1.

NOTE: 688 observations were deleted due to missing values for the response or explanatory
      variables.

```
                        Model Convergence Status

             Convergence criterion (GCONV=1E-8) satisfied.


                          Model Fit Statistics

                                          Intercept
                              Intercept        and
              Criterion            Only   Covariates

              AIC             45484.579    40001.858
              SC              45493.264    40080.018
              -2 Log L        45482.579    39983.858
```

```
---------------------------------------- Carrier=AA ----------------------------------------

                          The LOGISTIC Procedure

                  Testing Global Null Hypothesis: BETA=0

              Test                 Chi-Square      DF     Pr > ChiSq

              Likelihood Ratio      5498.7218       8        <.0001
              Score                 5639.5572       8        <.0001
              Wald                  3843.7710       8        <.0001


                  Analysis of Maximum Likelihood Estimates

                                       Standard        Wald
        Parameter        DF    Estimate     Error   Chi-Square     Pr > ChiSq

        Intercept         1     -2.4577    0.0391    3946.2334        <.0001
        CRSDepTime        1    0.000022   9.768E-7     496.4702        <.0001
        SeqNum            1      0.0182    0.0141       1.6610        0.1975
        DepDelayLag       1    -0.00826   0.00222      13.8827        0.0002
        DepDelayLagCum    1    -0.00517   0.00191       7.3293        0.0068
        ArrDelayLag       1      0.0317   0.00206     237.7827        <.0001
        ArrDelayLagCum    1     0.00511   0.00175       8.4863        0.0036
        DepDelayLag2      1    -0.00085   0.00247       0.1176        0.7316
        ArrDelayLag2      1     0.00343   0.00231       2.2128        0.1369


                          Odds Ratio Estimates

                               Point           95% Wald
              Effect         Estimate     Confidence Limits

              CRSDepTime        1.000     1.000      1.000
              SeqNum            1.018     0.991      1.047
              DepDelayLag       0.992     0.987      0.996
```

```
         DepDelayLagCum          0.995     0.991     0.999
         ArrDelayLag             1.032     1.028     1.036
         ArrDelayLagCum          1.005     1.002     1.009
         DepDelayLag2            0.999     0.994     1.004
         ArrDelayLag2            1.003     0.999     1.008
```

Association of Predicted Probabilities and Observed Responses

```
        Percent Concordant        73.0     Somers' D     0.461
        Percent Discordant        26.9     Gamma         0.462
        Percent Tied               0.1     Tau-a         0.156
        Pairs                322082175     c             0.731
```

-------------------------------------- Carrier=AS --

The LOGISTIC Procedure

Model Information

```
    Data Set                    WORK.BTS_LAG_DELAYS_201506_IND
    Response Variable           DepDelayInd
    Number of Response Levels   2
    Model                       binary logit
    Optimization Technique      Fisher's scoring
```

```
        Number of Observations Read       15075
        Number of Observations Used       14989
```

Response Profile

```
        Ordered      Dep            Total
         Value    DelayInd       Frequency

             1         1             1490
             2         0            13499
```

Probability modeled is DepDelayInd=1.

NOTE: 86 observations were deleted due to missing values for the response or explanatory
      variables.

Model Convergence Status

Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics

```
                               Intercept
                    Intercept       and
        Criterion       Only    Covariates
```

```
                 AIC              9708.168      8417.988
                 SC               9715.783      8486.524
                 -2 Log L         9706.168      8399.988
```

-- Carrier=AS --

The LOGISTIC Procedure

Testing Global Null Hypothesis: BETA=O

```
         Test                   Chi-Square      DF      Pr > ChiSq

         Likelihood Ratio       1306.1798        8        <.0001
         Score                  1781.8361        8        <.0001
         Wald                    919.3967        8        <.0001
```

Analysis of Maximum Likelihood Estimates

```
                                           Standard        Wald
         Parameter        DF     Estimate     Error    Chi-Square     Pr > ChiSq

         Intercept         1      -2.8697    0.0879    1066.8838        <.0001
         CRSDepTime        1     8.475E-6   2.478E-6     11.6992        0.0006
         SeqNum            1       0.0328    0.0284       1.3355        0.2478
         DepDelayLag       1     -0.00522   0.00552       0.8953        0.3440
         DepDelayLagCum    1     0.000257   0.00429       0.0036        0.9523
         ArrDelayLag       1       0.0432   0.00523      68.1845        <.0001
         ArrDelayLagCum    1     0.000789   0.00412       0.0367        0.8481
         DepDelayLag2      1     -0.00026   0.00609       0.0018        0.9661
         ArrDelayLag2      1      0.00485   0.00587       0.6816        0.4090
```

Odds Ratio Estimates

```
                             Point          95% Wald
         Effect           Estimate      Confidence Limits

         CRSDepTime          1.000      1.000       1.000
         SeqNum              1.033      0.977       1.093
         DepDelayLag         0.995      0.984       1.006
         DepDelayLagCum      1.000      0.992       1.009
         ArrDelayLag         1.044      1.033       1.055
         ArrDelayLagCum      1.001      0.993       1.009
         DepDelayLag2        1.000      0.988       1.012
         ArrDelayLag2        1.005      0.993       1.016
```

Association of Predicted Probabilities and Observed Responses

```
         Percent Concordant        71.5     Somers' D     0.432
         Percent Discordant        28.4     Gamma         0.432
```

```
        Percent Tied              0.1    Tau-a        0.077
        Pairs                 20113510    c            0.716
```

```
-------------------------------------- Carrier=B6 ----------------------------------------

                            The LOGISTIC Procedure

                             Model Information

        Data Set                      WORK.BTS_LAG_DELAYS_201506_IND
        Response Variable             DepDelayInd
        Number of Response Levels     2
        Model                         binary logit
        Optimization Technique        Fisher's scoring


                Number of Observations Read       22558
                Number of Observations Used       22250


                             Response Profile

                    Ordered    Dep           Total
                    Value      DelayInd    Frequency

                       1          1            4347
                       2          0           17903


                    Probability modeled is DepDelayInd=1.

    NOTE: 308 observations were deleted due to missing values for the response or explanatory
          variables.



                          Model Convergence Status

                   Convergence criterion (GCONV=1E-8) satisfied.



                            Model Fit Statistics

                                          Intercept
                            Intercept         and
                    Criterion      Only    Covariates

                    AIC        21981.334     16351.175
                    SC         21989.344     16423.266
                    -2 Log L   21979.334     16333.175
```

```
-------------------------------------- Carrier=B6 ----------------------------------------
```

```
                         The LOGISTIC Procedure

                  Testing Global Null Hypothesis: BETA=0

          Test                 Chi-Square      DF     Pr > ChiSq

          Likelihood Ratio      5646.1588       8        <.0001
          Score                 5687.1708       8        <.0001
          Wald                  3001.3164       8        <.0001


                  Analysis of Maximum Likelihood Estimates

                                        Standard        Wald
         Parameter        DF    Estimate    Error    Chi-Square    Pr > ChiSq

         Intercept         1    -3.1056    0.0652    2269.0362       <.0001
         CRSDepTime        1    0.000028   1.42E-6    392.4824       <.0001
         SeqNum            1     0.0422    0.0169       6.2137       0.0127
         DepDelayLag       1    -0.00710   0.00336      4.4498       0.0349
         DepDelayLagCum    1    -0.00221   0.00257      0.7404       0.3895
         ArrDelayLag       1     0.0516    0.00288    322.1870       <.0001
         ArrDelayLagCum    1     0.00438   0.00221      3.9315       0.0474
         DepDelayLag2      1     0.00659   0.00387      2.8985       0.0887
         ArrDelayLag2      1    -0.00297   0.00328      0.8213       0.3648


                           Odds Ratio Estimates

                             Point         95% Wald
              Effect        Estimate    Confidence Limits

              CRSDepTime      1.000     1.000      1.000
              SeqNum          1.043     1.009      1.078
              DepDelayLag     0.993     0.986      0.999
              DepDelayLagCum  0.998     0.993      1.003
              ArrDelayLag     1.053     1.047      1.059
              ArrDelayLagCum  1.004     1.000      1.009
              DepDelayLag2    1.007     0.999      1.014
              ArrDelayLag2    0.997     0.991      1.003


          Association of Predicted Probabilities and Observed Responses

              Percent Concordant     81.6    Somers' D    0.633
              Percent Discordant     18.3    Gamma        0.633
              Percent Tied            0.0    Tau-a        0.199
              Pairs              77824341    c            0.816
```

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-- Carrier=DL --

                         The LOGISTIC Procedure

                          Model Information

```
Data Set                    WORK.BTS_LAG_DELAYS_201506_IND
Response Variable           DepDelayInd
Number of Response Levels   2
Model                       binary logit
Optimization Technique      Fisher's scoring


            Number of Observations Read      77255
            Number of Observations Used      76768


                         Response Profile

            Ordered      Dep           Total
            Value        DelayInd      Frequency


               1          1            13030
               2          0            63738


              Probability modeled is DepDelayInd=1.

NOTE: 487 observations were deleted due to missing values for the response or explanatory
      variables.



                     Model Convergence Status

             Convergence criterion (GCONV=1E-8) satisfied.



                       Model Fit Statistics

                                        Intercept
                          Intercept         and
            Criterion        Only      Covariates

            AIC          69931.706      58078.411
            SC           69940.954      58161.648
            -2 Log L     69929.706      58060.411
```

```
---------------------------------------- Carrier=DL ----------------------------------------

                          The LOGISTIC Procedure

                   Testing Global Null Hypothesis: BETA=0

         Test                Chi-Square      DF     Pr > ChiSq

         Likelihood Ratio    11869.2942      8        <.0001
         Score               13219.6419      8        <.0001
         Wald                 7804.3445      8        <.0001
```

```
                    Analysis of Maximum Likelihood Estimates

                                        Standard          Wald
        Parameter        DF      Estimate      Error    Chi-Square     Pr > ChiSq

        Intercept         1       -3.1652     0.0359    7751.9941        <.0001
        CRSDepTime        1      0.000029   9.167E-7     989.6289        <.0001
        SeqNum            1        0.0421     0.0103      16.7142        <.0001
        DepDelayLag       1       -0.0165    0.00167      97.9777        <.0001
        DepDelayLagCum    1      -0.00686    0.00126      29.7099        <.0001
        ArrDelayLag       1        0.0428    0.00152     795.5643        <.0001
        ArrDelayLagCum    1       0.00710    0.00114      39.0393        <.0001
        DepDelayLag2      1      -0.00306    0.00184       2.7756        0.0957
        ArrDelayLag2      1       0.00708    0.00170      17.2931        <.0001


                            Odds Ratio Estimates

                              Point          95% Wald
            Effect          Estimate     Confidence Limits

            CRSDepTime        1.000      1.000      1.000
            SeqNum            1.043      1.022      1.064
            DepDelayLag       0.984      0.980      0.987
            DepDelayLagCum    0.993      0.991      0.996
            ArrDelayLag       1.044      1.041      1.047
            ArrDelayLagCum    1.007      1.005      1.009
            DepDelayLag2      0.997      0.993      1.001
            ArrDelayLag2      1.007      1.004      1.010


        Association of Predicted Probabilities and Observed Responses

            Percent Concordant      77.5    Somers' D    0.550
            Percent Discordant      22.5    Gamma        0.550
            Percent Tied             0.1    Tau-a        0.155
            Pairs              830506140    c            0.775


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---------------------------------------- Carrier=EV ----------------------------------------

                        The LOGISTIC Procedure

                           Model Information

        Data Set                   WORK.BTS_LAG_DELAYS_201506_IND
        Response Variable          DepDelayInd
        Number of Response Levels  2
        Model                      binary logit
        Optimization Technique     Fisher's scoring


                Number of Observations Read        49119
                Number of Observations Used        47259
```

```
                              Response Profile

                     Ordered      Dep          Total
                     Value     DelayInd      Frequency

                        1          1           10531
                        2          0           36728


                  Probability modeled is DepDelayInd=1.

   NOTE: 1860 observations were deleted due to missing values for the response or explanatory
         variables.



                           Model Convergence Status

                  Convergence criterion (GCONV=1E-8) satisfied.



                            Model Fit Statistics

                                            Intercept
                                Intercept      and
                  Criterion        Only     Covariates

                  AIC          50141.328    42285.017
                  SC           50150.091    42363.888
                  -2 Log L     50139.328    42267.017




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   ---------------------------------------- Carrier=EV ----------------------------------------

                             The LOGISTIC Procedure

                      Testing Global Null Hypothesis: BETA=0

             Test                 Chi-Square      DF      Pr > ChiSq

             Likelihood Ratio      7872.3109       8        <.0001
             Score                 8318.4651       8        <.0001
             Wald                  5144.4845       8        <.0001


                        Analysis of Maximum Likelihood Estimates

                                     Standard        Wald
            Parameter       DF     Estimate     Error    Chi-Square    Pr > ChiSq

            Intercept        1      -2.4379    0.0428    3250.5646       <.0001
            CRSDepTime       1     0.000022   1.286E-6    293.0962       <.0001
            SeqNum           1      -0.0509    0.0108      22.0828       <.0001
            DepDelayLag      1      -0.0178    0.00159    126.0524       <.0001
            DepDelayLagCum   1     -0.00045    0.00108      0.1728       0.6777
            ArrDelayLag      1       0.0371    0.00151    605.3238       <.0001
```

```
ArrDelayLagCum      1      0.00138     0.00103        1.8162        0.1778
DepDelayLag2        1     -0.00735     0.00177       17.3434        <.0001
ArrDelayLag2        1      0.0119      0.00169       49.4261        <.0001


                       Odds Ratio Estimates

                            Point          95% Wald
            Effect        Estimate      Confidence Limits

            CRSDepTime       1.000       1.000      1.000
            SeqNum           0.950       0.930      0.971
            DepDelayLag      0.982       0.979      0.985
            DepDelayLagCum   1.000       0.997      1.002
            ArrDelayLag      1.038       1.035      1.041
            ArrDelayLagCum   1.001       0.999      1.003
            DepDelayLag2     0.993       0.989      0.996
            ArrDelayLag2     1.012       1.009      1.015


       Association of Predicted Probabilities and Observed Responses

          Percent Concordant      78.0    Somers' D    0.561
          Percent Discordant      21.9    Gamma        0.561
          Percent Tied             0.0    Tau-a        0.194
          Pairs              386782568    c            0.780


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--------------------------------------- Carrier=F9 ---------------------------------------

                       The LOGISTIC Procedure

                       Model Information

            Data Set                   WORK.BTS_LAG_DELAYS_201506_IND
            Response Variable          DepDelayInd
            Number of Response Levels  2
            Model                      binary logit
            Optimization Technique     Fisher's scoring


                  Number of Observations Read       7893
                  Number of Observations Used       7837


                       Response Profile

                  Ordered     Dep           Total
                   Value      DelayInd     Frequency

                       1        1            2119
                       2        0            5718


             Probability modeled is DepDelayInd=1.

  NOTE: 56 observations were deleted due to missing values for the response or explanatory
```

variables.

Model Convergence Status

Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics

Criterion	Intercept Only	Intercept and Covariates
AIC	9149.981	6663.876
SC	9156.947	6726.576
-2 Log L	9147.981	6645.876

-- Carrier=F9 --

The LOGISTIC Procedure

Testing Global Null Hypothesis: BETA=0

Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	2502.1047	8	<.0001
Score	2089.2208	8	<.0001
Wald	1190.7135	8	<.0001

Analysis of Maximum Likelihood Estimates

Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-1.6288	0.0863	356.1153	<.0001
CRSDepTime	1	3.405E-6	2.637E-6	1.6667	0.1967
SeqNum	1	-0.0358	0.0307	1.3600	0.2435
DepDelayLag	1	-0.0264	0.00432	37.3274	<.0001
DepDelayLagCum	1	0.000301	0.00310	0.0094	0.9226
ArrDelayLag	1	0.0610	0.00411	220.3559	<.0001
ArrDelayLagCum	1	0.00171	0.00299	0.3273	0.5673
DepDelayLag2	1	-0.00747	0.00471	2.5168	0.1126
ArrDelayLag2	1	0.0136	0.00452	9.0882	0.0026

Odds Ratio Estimates

Effect	Point Estimate	95% Wald Confidence Limits	
CRSDepTime	1.000	1.000	1.000

```
        SeqNum                  0.965      0.908      1.025
        DepDelayLag             0.974      0.966      0.982
        DepDelayLagCum          1.000      0.994      1.006
        ArrDelayLag             1.063      1.054      1.071
        ArrDelayLagCum          1.002      0.996      1.008
        DepDelayLag2            0.993      0.983      1.002
        ArrDelayLag2            1.014      1.005      1.023
```

         Association of Predicted Probabilities and Observed Responses

```
        Percent Concordant       83.6    Somers' D    0.674
        Percent Discordant       16.2    Gamma        0.675
        Percent Tied              0.2    Tau-a        0.266
        Pairs                12116442    c            0.837
```

-------------------------------------- Carrier=HA --

                              The LOGISTIC Procedure

                              Model Information

```
        Data Set                   WORK.BTS_LAG_DELAYS_201506_IND
        Response Variable          DepDelayInd
        Number of Response Levels  2
        Model                      binary logit
        Optimization Technique     Fisher's scoring
```

```
            Number of Observations Read       6677
            Number of Observations Used       6667
```

                              Response Profile

```
            Ordered      Dep              Total
             Value    DelayInd          Frequency

                 1         1               292
                 2         0              6375
```

                     Probability modeled is DepDelayInd=1.

   NOTE: 10 observations were deleted due to missing values for the response or explanatory
         variables.

                              Model Convergence Status

                     Convergence criterion (GCONV=1E-8) satisfied.

                              Model Fit Statistics

                                        Intercept

```
                        Intercept          and
            Criterion         Only    Covariates

            AIC            2399.872     1935.316
            SC             2406.677     1996.560
            -2 Log L       2397.872     1917.316
```

-- Carrier=HA --

The LOGISTIC Procedure

Testing Global Null Hypothesis: BETA=0

Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	480.5566	8	<.0001
Score	815.1559	8	<.0001
Wald	370.3615	8	<.0001

Analysis of Maximum Likelihood Estimates

Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-3.7729	0.2295	270.1812	<.0001
CRSDepTime	1	0.000019	5.802E-6	10.5487	0.0012
SeqNum	1	-0.1204	0.0300	16.1058	<.0001
DepDelayLag	1	0.0268	0.0132	4.1289	0.0422
DepDelayLagCum	1	-0.0139	0.00794	3.0443	0.0810
ArrDelayLag	1	0.0350	0.0111	9.9803	0.0016
ArrDelayLagCum	1	0.0122	0.00675	3.2940	0.0695
DepDelayLag2	1	0.0305	0.0176	2.9874	0.0839
ArrDelayLag2	1	0.0311	0.0157	3.9238	0.0476

Odds Ratio Estimates

Effect	Point Estimate	95% Wald Confidence Limits	
CRSDepTime	1.000	1.000	1.000
SeqNum	0.887	0.836	0.940
DepDelayLag	1.027	1.001	1.054
DepDelayLagCum	0.986	0.971	1.002
ArrDelayLag	1.036	1.013	1.058
ArrDelayLagCum	1.012	0.999	1.026
DepDelayLag2	1.031	0.996	1.067
ArrDelayLag2	1.032	1.000	1.064

Association of Predicted Probabilities and Observed Responses

```
                Percent Concordant        85.2    Somers' D    0.706
                Percent Discordant        14.7    Gamma        0.706
                Percent Tied               0.1    Tau-a        0.059
                Pairs                  1861500    c            0.853
```

```
--------------------------------------- Carrier=MQ ----------------------------------------

                              The LOGISTIC Procedure

                                Model Information

             Data Set                    WORK.BTS_LAG_DELAYS_201506_IND
             Response Variable           DepDelayInd
             Number of Response Levels   2
             Model                       binary logit
             Optimization Technique      Fisher's scoring


                  Number of Observations Read      25407
                  Number of Observations Used      23866


                                Response Profile

                     Ordered      Dep           Total
                       Value      DelayInd      Frequency

                          1          1            5351
                          2          0           18515


                   Probability modeled is DepDelayInd=1.
```

NOTE: 1541 observations were deleted due to missing values for the response or explanatory
      variables.

```
                            Model Convergence Status

                 Convergence criterion (GCONV=1E-8) satisfied.


                              Model Fit Statistics

                                             Intercept
                                Intercept         and
                 Criterion         Only      Covariates

                 AIC            25404.265      21677.030
                 SC            25412.345      21749.752
                 -2 Log L       25402.265      21659.030
```

The LOGISTIC Procedure

Testing Global Null Hypothesis: BETA=O

Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	3743.2349	8	<.0001
Score	3910.3550	8	<.0001
Wald	2632.4700	8	<.0001

Analysis of Maximum Likelihood Estimates

Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-2.3819	0.0581	1681.2897	<.0001
CRSDepTime	1	0.000023	1.78E-6	167.8094	<.0001
SeqNum	1	-0.0460	0.0149	9.5279	0.0020
DepDelayLag	1	-0.0187	0.00214	76.3131	<.0001
DepDelayLagCum	1	0.00112	0.00142	0.6197	0.4312
ArrDelayLag	1	0.0377	0.00196	369.6344	<.0001
ArrDelayLagCum	1	0.000979	0.00128	0.5859	0.4440
DepDelayLag2	1	-0.00760	0.00233	10.6341	0.0011
ArrDelayLag2	1	0.0113	0.00219	26.5799	<.0001

Odds Ratio Estimates

Effect	Point Estimate	95% Wald Confidence Limits	
CRSDepTime	1.000	1.000	1.000
SeqNum	0.955	0.928	0.983
DepDelayLag	0.982	0.977	0.986
DepDelayLagCum	1.001	0.998	1.004
ArrDelayLag	1.038	1.034	1.042
ArrDelayLagCum	1.001	0.998	1.003
DepDelayLag2	0.992	0.988	0.997
ArrDelayLag2	1.011	1.007	1.016

Association of Predicted Probabilities and Observed Responses

Percent Concordant	77.5	Somers' D	0.550
Percent Discordant	22.5	Gamma	0.550
Percent Tied	0.0	Tau-a	0.191
Pairs	99073765	c	0.775

The LOGISTIC Procedure

```
                        Model Information

    Data Set                    WORK.BTS_LAG_DELAYS_201506_IND
    Response Variable           DepDelayInd
    Number of Response Levels   2
    Model                       binary logit
    Optimization Technique      Fisher's scoring


              Number of Observations Read      9826
              Number of Observations Used      9351


                        Response Profile

             Ordered    Dep           Total
             Value      DelayInd      Frequency

                1          1             4013
                2          0             5338


           Probability modeled is DepDelayInd=1.

  NOTE: 475 observations were deleted due to missing values for the response or explanatory
        variables.



                   Model Convergence Status

         Convergence criterion (GCONV=1E-8) satisfied.



                     Model Fit Statistics

                                      Intercept
                          Intercept        and
            Criterion        Only      Covariates

            AIC            12776.858     9713.560
            SC             12784.001     9777.850
            -2 Log L       12774.858     9695.560



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---------------------------------------- Carrier=NK ----------------------------------------

                       The LOGISTIC Procedure

                 Testing Global Null Hypothesis: BETA=0

            Test              Chi-Square     DF     Pr > ChiSq

            Likelihood Ratio   3079.2975      8       <.0001
            Score              2251.2721      8       <.0001
            Wald               1471.1526      8       <.0001
```

```
                    Analysis of Maximum Likelihood Estimates

                                   Standard        Wald
       Parameter        DF    Estimate     Error   Chi-Square    Pr > ChiSq

       Intercept         1     -0.9530    0.0652     213.8948       <.0001
       CRSDepTime        1     -3.99E-6  2.202E-6      3.2860       0.0699
       SeqNum            1      0.0899    0.0276      10.6498       0.0011
       DepDelayLag       1     -0.0174   0.00392      19.6878       <.0001
       DepDelayLagCum    1     -0.00302  0.00287       1.1066       0.2928
       ArrDelayLag       1      0.0464   0.00372     156.0757       <.0001
       ArrDelayLagCum    1      0.00620  0.00276       5.0521       0.0246
       DepDelayLag2      1     -0.00348  0.00408       0.7270       0.3939
       ArrDelayLag2      1      0.00263  0.00398       0.4367       0.5087


                             Odds Ratio Estimates

                             Point         95% Wald
            Effect        Estimate     Confidence Limits

            CRSDepTime       1.000      1.000      1.000
            SeqNum           1.094      1.037      1.155
            DepDelayLag      0.983      0.975      0.990
            DepDelayLagCum   0.997      0.991      1.003
            ArrDelayLag      1.048      1.040      1.055
            ArrDelayLagCum   1.006      1.001      1.012
            DepDelayLag2     0.997      0.989      1.005
            ArrDelayLag2     1.003      0.995      1.010


         Association of Predicted Probabilities and Observed Responses

            Percent Concordant      82.9    Somers' D    0.659
            Percent Discordant      17.0    Gamma        0.660
            Percent Tied             0.1    Tau-a        0.323
            Pairs               21421394    c            0.830

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---------------------------------------- Carrier=OO ----------------------------------------

                             The LOGISTIC Procedure

                               Model Information

       Data Set                  WORK.BTS_LAG_DELAYS_201506_IND
       Response Variable         DepDelayInd
       Number of Response Levels 2
       Model                     binary logit
       Optimization Technique    Fisher's scoring


              Number of Observations Read       50307
              Number of Observations Used       49142
```

```
                            Response Profile

                    Ordered     Dep           Total
                     Value    DelayInd      Frequency

                        1         1             8815
                        2         0            40327


                 Probability modeled is DepDelayInd=1.

    NOTE: 1165 observations were deleted due to missing values for the response or explanatory
          variables.



                          Model Convergence Status

                 Convergence criterion (GCONV=1E-8) satisfied.



                           Model Fit Statistics

                                           Intercept
                               Intercept      and
                  Criterion       Only     Covariates

                  AIC          46239.629    38078.282
                  SC           46248.432    38157.504
                  -2 Log L     46237.629    38060.282



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    ---------------------------------------- Carrier=OO ----------------------------------------

                            The LOGISTIC Procedure

                    Testing Global Null Hypothesis: BETA=0

             Test                Chi-Square      DF     Pr > ChiSq

             Likelihood Ratio     8177.3477       8        <.0001
             Score                9154.9192       8        <.0001
             Wald                 4959.6654       8        <.0001



                    Analysis of Maximum Likelihood Estimates

                                         Standard       Wald
             Parameter       DF    Estimate    Error   Chi-Square   Pr > ChiSq

             Intercept        1     -2.3817   0.0444   2875.4379      <.0001
             CRSDepTime       1     0.000016  1.326E-6  144.3516      <.0001
             SeqNum           1     -0.0703   0.0110     40.8238      <.0001
             DepDelayLag      1     -0.00970  0.00170    32.5736      <.0001
```

```
DepDelayLagCum       1    -0.00163    0.00107      2.3339    0.1266
ArrDelayLag          1     0.0376     0.00165    522.4459    <.0001
ArrDelayLagCum       1     0.00175    0.00104      2.8430    0.0918
DepDelayLag2         1     0.00334    0.00192      3.0156    0.0825
ArrDelayLag2         1     0.00769    0.00188     16.7773    <.0001
```

Odds Ratio Estimates

```
                      Point        95% Wald
    Effect          Estimate    Confidence Limits

    CRSDepTime        1.000     1.000     1.000
    SeqNum            0.932     0.912     0.952
    DepDelayLag       0.990     0.987     0.994
    DepDelayLagCum    0.998     0.996     1.000
    ArrDelayLag       1.038     1.035     1.042
    ArrDelayLagCum    1.002     1.000     1.004
    DepDelayLag2      1.003     1.000     1.007
    ArrDelayLag2      1.008     1.004     1.011
```

Association of Predicted Probabilities and Observed Responses

```
    Percent Concordant      78.2    Somers' D    0.564
    Percent Discordant      21.8    Gamma        0.564
    Percent Tied             0.0    Tau-a        0.166
    Pairs             355482505     c            0.782
```

```
---------------------------------------- Carrier=UA ----------------------------------------
```

The LOGISTIC Procedure

Model Information

```
    Data Set                   WORK.BTS_LAG_DELAYS_201506_IND
    Response Variable          DepDelayInd
    Number of Response Levels  2
    Model                      binary logit
    Optimization Technique     Fisher's scoring
```

```
            Number of Observations Read       46084
            Number of Observations Used       44874
```

Response Profile

```
        Ordered    Dep           Total
         Value     DelayInd     Frequency

            1         1           15169
            2         0           29705
```

Probability modeled is DepDelayInd=1.

NOTE: 1210 observations were deleted due to missing values for the response or explanatory
      variables.

                          Model Convergence Status

                  Convergence criterion (GCONV=1E-8) satisfied.

                            Model Fit Statistics

                                          Intercept
                               Intercept   and
                Criterion   Only   Covariates

                AIC   57415.927   47401.589
                SC   57424.639   47479.993
                -2 Log L   57413.927   47383.589

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-- Carrier=UA --

                          The LOGISTIC Procedure

                      Testing Global Null Hypothesis: BETA=0

            Test   Chi-Square   DF   Pr > ChiSq

            Likelihood Ratio   10030.3389   8   <.0001
            Score   8235.7256   8   <.0001
            Wald   5511.1084   8   <.0001

                    Analysis of Maximum Likelihood Estimates

                                         Standard   Wald
            Parameter   DF   Estimate   Error   Chi-Square   Pr > ChiSq

            Intercept   1   -1.8766   0.0338   3091.3984   <.0001
            CRSDepTime   1   0.000020   8.82E-7   513.6527   <.0001
            SeqNum   1   0.0236   0.0148   2.5461   0.1106
            DepDelayLag   1   -0.00033   0.00210   0.0239   0.8770
            DepDelayLagCum   1   -0.00863   0.00181   22.8242   <.0001
            ArrDelayLag   1   0.0364   0.00198   336.1851   <.0001
            ArrDelayLagCum   1   0.00709   0.00171   17.1651   <.0001
            DepDelayLag2   1   0.00647   0.00233   7.7277   0.0054
            ArrDelayLag2   1   0.00173   0.00217   0.6332   0.4262

                            Odds Ratio Estimates

                                    Point   95% Wald
                  Effect   Estimate   Confidence Limits

```
                 CRSDepTime              1.000        1.000        1.000
                 SeqNum                  1.024        0.995        1.054
                 DepDelayLag             1.000        0.996        1.004
                 DepDelayLagCum          0.991        0.988        0.995
                 ArrDelayLag             1.037        1.033        1.041
                 ArrDelayLagCum          1.007        1.004        1.010
                 DepDelayLag2            1.006        1.002        1.011
                 ArrDelayLag2            1.002        0.997        1.006


            Association of Predicted Probabilities and Observed Responses

            Percent Concordant         76.3    Somers' D    0.527
            Percent Discordant         23.6    Gamma        0.527
            Percent Tied                0.0    Tau-a        0.236
            Pairs                 450595145    c            0.764

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```

-------------------------------------- Carrier=US --

The LOGISTIC Procedure

Model Information

```
       Data Set                   WORK.BTS_LAG_DELAYS_201506_IND
       Response Variable          DepDelayInd
       Number of Response Levels  2
       Model                      binary logit
       Optimization Technique     Fisher's scoring


              Number of Observations Read      34300
              Number of Observations Used      33975
```

Response Profile

Ordered Value	Dep DelayInd	Total Frequency
1	1	5575
2	0	28400

Probability modeled is DepDelayInd=1.

NOTE: 325 observations were deleted due to missing values for the response or explanatory
      variables.

Model Convergence Status

Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics

```
                                       Intercept
                          Intercept          and
              Criterion        Only    Covariates

              AIC           30334.353    24929.644
              SC            30342.787    25005.545
              -2 Log L      30332.353    24911.644
```

-- Carrier=US --

The LOGISTIC Procedure

Testing Global Null Hypothesis: BETA=0

Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	5420.7090	8	<.0001
Score	6213.7451	8	<.0001
Wald	3501.5485	8	<.0001

Analysis of Maximum Likelihood Estimates

Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-2.8444	0.0508	3139.6622	<.0001
CRSDepTime	1	0.000025	1.275E-6	373.3945	<.0001
SeqNum	1	-0.0890	0.0152	34.3167	<.0001
DepDelayLag	1	-0.00612	0.00248	6.0774	0.0137
DepDelayLagCum	1	0.000663	0.00192	0.1198	0.7292
ArrDelayLag	1	0.0442	0.00220	404.8061	<.0001
ArrDelayLagCum	1	0.000834	0.00171	0.2380	0.6257
DepDelayLag2	1	0.000458	0.00277	0.0273	0.8688
ArrDelayLag2	1	0.00413	0.00247	2.8055	0.0939

Odds Ratio Estimates

Effect	Point Estimate	95% Wald Confidence Limits	
CRSDepTime	1.000	1.000	1.000
SeqNum	0.915	0.888	0.942
DepDelayLag	0.994	0.989	0.999
DepDelayLagCum	1.001	0.997	1.004
ArrDelayLag	1.045	1.041	1.050
ArrDelayLagCum	1.001	0.997	1.004
DepDelayLag2	1.000	0.995	1.006
ArrDelayLag2	1.004	0.999	1.009

Association of Predicted Probabilities and Observed Responses

                  Percent Concordant   76.0   Somers' D   0.521
                  Percent Discordant   23.9   Gamma   0.521
                  Percent Tied   0.1   Tau-a   0.143
                  Pairs   158330000   c   0.760

-- Carrier=VX --

                                 The LOGISTIC Procedure

                                   Model Information

        Data Set   WORK.BTS_LAG_DELAYS_201506_IND
        Response Variable   DepDelayInd
        Number of Response Levels   2
        Model   binary logit
        Optimization Technique   Fisher's scoring

                  Number of Observations Read   5260
                  Number of Observations Used   5233

                                   Response Profile

                      Ordered   Dep   Total
                        Value   DelayInd   Frequency

                            1   1   818
                            2   0   4415

                    Probability modeled is DepDelayInd=1.

    NOTE: 27 observations were deleted due to missing values for the response or explanatory
          variables.

                               Model Convergence Status

                   Convergence criterion (GCONV=1E-8) satisfied.

                                 Model Fit Statistics

                                               Intercept
                                  Intercept   and
                      Criterion   Only   Covariates

                      AIC   4539.112   3837.680
                      SC   4545.675   3896.745
                      -2 Log L   4537.112   3819.680

-- Carrier=VX --

The LOGISTIC Procedure

Testing Global Null Hypothesis: BETA=O

Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	717.4316	8	<.0001
Score	799.3313	8	<.0001
Wald	441.6817	8	<.0001

Analysis of Maximum Likelihood Estimates

Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-2.2850	0.1351	285.9983	<.0001
CRSDepTime	1	7.052E-6	3.694E-6	3.6456	0.0562
SeqNum	1	0.0177	0.0422	0.1761	0.6747
DepDelayLag	1	-0.0150	0.00931	2.5789	0.1083
DepDelayLagCum	1	-0.00553	0.00779	0.5031	0.4781
ArrDelayLag	1	0.0629	0.00803	61.3605	<.0001
ArrDelayLagCum	1	-0.00179	0.00665	0.0727	0.7875
DepDelayLag2	1	-0.00834	0.0104	0.6493	0.4204
ArrDelayLag2	1	0.0218	0.00863	6.3818	0.0115

Odds Ratio Estimates

Effect	Point Estimate	95% Wald Confidence Limits	
CRSDepTime	1.000	1.000	1.000
SeqNum	1.018	0.937	1.106
DepDelayLag	0.985	0.967	1.003
DepDelayLagCum	0.994	0.979	1.010
ArrDelayLag	1.065	1.048	1.082
ArrDelayLagCum	0.998	0.985	1.011
DepDelayLag2	0.992	0.972	1.012
ArrDelayLag2	1.022	1.005	1.039

Association of Predicted Probabilities and Observed Responses

Percent Concordant	74.9	Somers' D	0.501
Percent Discordant	24.8	Gamma	0.503
Percent Tied	0.3	Tau-a	0.132
Pairs	3611470	c	0.751

-- Carrier=WN --

```
                         The LOGISTIC Procedure

                           Model Information

        Data Set                    WORK.BTS_LAG_DELAYS_201506_IND
        Response Variable           DepDelayInd
        Number of Response Levels   2
        Model                       binary logit
        Optimization Technique      Fisher's scoring


                  Number of Observations Read      109776
                  Number of Observations Used      107260


                           Response Profile

               Ordered      Dep            Total
                 Value    DelayInd      Frequency

                     1        1            28546
                     2        0            78714


              Probability modeled is DepDelayInd=1.

  NOTE: 2516 observations were deleted due to missing values for the response or explanatory
        variables.


                       Model Convergence Status

          Convergence criterion (GCONV=1E-8) satisfied.


                        Model Fit Statistics

                                     Intercept
                       Intercept          and
           Criterion        Only    Covariates

           AIC          124290.60     91933.415
           SC           124300.18     92019.662
           -2 Log L     124288.60     91915.415
```

```
---------------------------------------- Carrier=WN ----------------------------------------

                         The LOGISTIC Procedure

                 Testing Global Null Hypothesis: BETA=0

              Test              Chi-Square      DF     Pr > ChiSq

              Likelihood Ratio  32373.1864       8       <.0001
```

```
          Score                 29206.0381           8           <.0001
          Wald                  17772.9728           8           <.0001


                    Analysis of Maximum Likelihood Estimates

                                        Standard        Wald
       Parameter         DF   Estimate     Error   Chi-Square   Pr > ChiSq

       Intercept          1    -3.0823    0.0292   11153.3261      <.0001
       CRSDepTime         1   0.000039    8.78E-7    2013.1327      <.0001
       SeqNum             1    -0.0363    0.00780      21.7174      <.0001
       DepDelayLag        1    -0.0113    0.00140      65.8528      <.0001
       DepDelayLagCum     1   -0.00672   0.000883      57.9437      <.0001
       ArrDelayLag        1     0.0522    0.00127    1689.5165      <.0001
       ArrDelayLagCum     1    0.00723   0.000803      80.9512      <.0001
       DepDelayLag2       1    0.00477    0.00149      10.1892      0.0014
       ArrDelayLag2       1    0.00762    0.00136      31.2992      <.0001


                           Odds Ratio Estimates

                              Point        95% Wald
            Effect          Estimate    Confidence Limits

            CRSDepTime        1.000     1.000      1.000
            SeqNum            0.964     0.950      0.979
            DepDelayLag       0.989     0.986      0.991
            DepDelayLagCum    0.993     0.992      0.995
            ArrDelayLag       1.054     1.051      1.056
            ArrDelayLagCum    1.007     1.006      1.009
            DepDelayLag2      1.005     1.002      1.008
            ArrDelayLag2      1.008     1.005      1.010


        Association of Predicted Probabilities and Observed Responses

           Percent Concordant        84.1    Somers' D    0.682
           Percent Discordant        15.9    Gamma        0.683
           Percent Tied               0.0    Tau-a        0.267
           Pairs             2246969844      c            0.841
```