The CONTENTS Procedure

Data Set Name	QUIZ1.QUIZ1_DATA	**Observations**	1400
Member Type	DATA	**Variables**	9
Engine	V9	**Indexes**	0
Created	01/31/2024 15:00:27	**Observation Length**	72
Last Modified	01/31/2024 15:00:27	**Deleted Observations**	0
Protection		**Compressed**	NO
Data Set Type		**Sorted**	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	1
First Data Page	1
Max Obs per Page	1816
Obs in First Data Page	1400
Number of Data Set Repairs	0
Filename	/home/u63577751/Quiz1/quiz1_data.sas7bdat
Release Created	9.0401M7
Host Created	Linux
Inode Number	3424172388
Access Permission	rw-r--r--
Owner Name	u63577751
File Size	256KB
File Size (bytes)	262144

Alphabetic List of Variables and Attributes				
#	**Variable**	**Type**	**Len**	**Format**
1	X1	Num	8	
2	X2	Num	8	
3	X3	Num	8	
4	X4	Num	8	
5	X5	Num	8	
6	X6	Num	8	
8	consult_dt	Num	8	DATE9.
7	diabetes	Num	8	
9	surgery_dt	Num	8	DATE9.

The FREQ Procedure

diabetes	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	1210	86.43	1210	86.43
1	190	13.57	1400	100.00

The UNIVARIATE Procedure
Variable: X1

Moments			
N	1400	Sum Weights	1400
Mean	0.8112773	Sum Observations	1135.78822
Std Deviation	1.01173511	Variance	1.02360792
Skewness	0.01579638	Kurtosis	-0.0788925
Uncorrected SS	2353.46669	Corrected SS	1432.02749
Coeff Variation	124.708913	Std Error Mean	0.02703976

Basic Statistical Measures			
Location		Variability	
Mean	0.811277	Std Deviation	1.01174
Median	0.805464	Variance	1.02361
Mode	.	Range	6.95101
		Interquartile Range	1.35914

Tests for Location: Mu0=0				
Test		Statistic	p Value	
Student's t	t	30.00313	Pr > |t|	<.0001
Sign	M	401	Pr >= |M|	<.0001
Signed Rank	S	363507	Pr >= |S|	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	4.425387
99%	3.064599
95%	2.462940
90%	2.142628
75% Q3	1.481466
50% Median	0.805464
25% Q1	0.122328
10%	-0.515839
5%	-0.876171
1%	-1.470778
0% Min	-2.525625

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
-2.52562	741	3.50523	904
-2.28111	521	3.60016	1310
-2.19413	1204	3.81069	795
-2.02548	167	4.11459	1139
-1.84292	154	4.42539	724

The UNIVARIATE Procedure

Distribution of X1
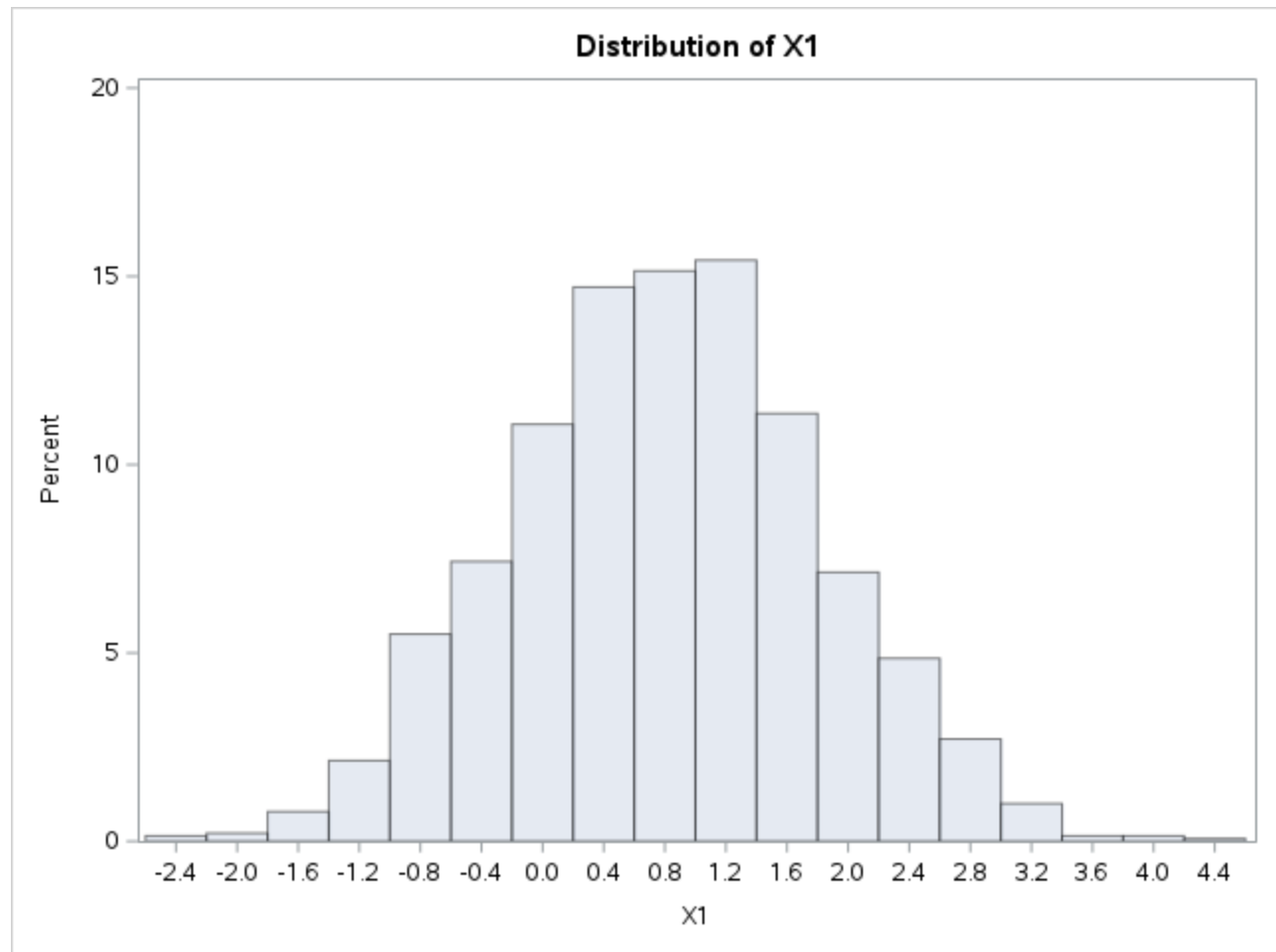
The UNIVARIATE Procedure
Variable: X2

Moments			
N	1400	Sum Weights	1400
Mean	11.970278	Sum Observations	16758.3891
Std Deviation	0.99807099	Variance	0.9961457
Skewness	0.03669514	Kurtosis	-0.1694091
Uncorrected SS	201996.184	Corrected SS	1393.60784
Coeff Variation	8.3379099	Std Error Mean	0.02667457

Basic Statistical Measures			
Location		Variability	
Mean	11.97028	Std Deviation	0.99807
Median	11.99286	Variance	0.99615
Mode	.	Range	6.51820
		Interquartile Range	1.38764

Tests for Location: Mu0=0				
Test		Statistic	p Value	
Student's t	t	448.7524	Pr > |t|	<.0001
Sign	M	700	Pr >= |M|	<.0001
Signed Rank	S	490350	Pr >= |S|	<.0001

Quantiles (Definition 5)	
Level	**Quantile**
100% Max	15.13185
99%	14.32410
95%	13.61210
90%	13.24946
75% Q3	12.67035
50% Median	11.99286
25% Q1	11.28271
10%	10.69434
5%	10.39795
1%	9.77711
0% Min	8.61365

Extreme Observations			
Lowest		**Highest**	
Value	**Obs**	**Value**	**Obs**
8.61365	258	14.5894	602
8.77777	730	14.5983	563
8.88542	1054	14.7616	433
9.18411	78	14.9048	247
9.30883	1090	15.1318	66

The UNIVARIATE Procedure

Distribution of X2
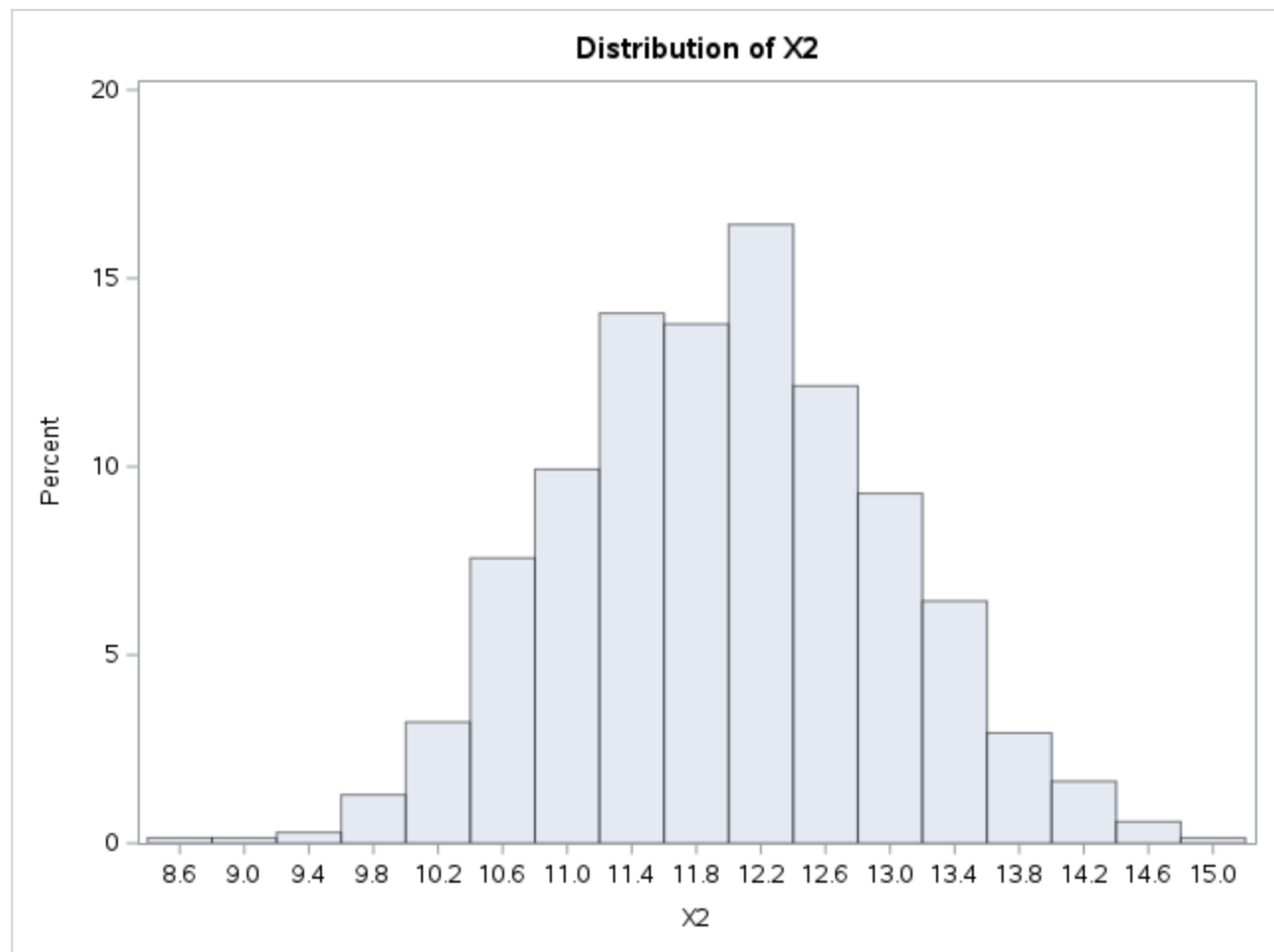
The UNIVARIATE Procedure
Variable: sum_V2

Moments			
N	1400	Sum Weights	1400
Mean	36.7997365	Sum Observations	51519.6311
Std Deviation	1.72169279	Variance	2.96422606
Skewness	0.03558265	Kurtosis	-0.089727
Uncorrected SS	1900055.8	Corrected SS	4146.95226
Coeff Variation	4.67854651	Std Error Mean	0.04601418

Basic Statistical Measures			
Location		Variability	
Mean	36.79974	Std Deviation	1.72169
Median	36.81851	Variance	2.96423
Mode	.	Range	11.07409
		Interquartile Range	2.28957

Tests for Location: Mu0=0				
Test		Statistic	p Value	
Student's t	t	799.7478	Pr > |t|	<.0001
Sign	M	700	Pr >= |M|	<.0001
Signed Rank	S	490350	Pr >= |S|	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	42.3769
99%	40.8263
95%	39.6409
90%	38.9920
75% Q3	37.9126
50% Median	36.8185
25% Q1	35.6230
10%	34.5559
5%	33.9897
1%	32.8099
0% Min	31.3029

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
31.3029	988	41.4798	904
32.0872	1013	41.5640	329
32.3515	635	41.7333	795
32.4263	1210	41.7601	331
32.4299	258	42.3769	451

The UNIVARIATE Procedure
Variable: wait_time

Moments			
N	1400	Sum Weights	1400
Mean	49.0321429	Sum Observations	68645
Std Deviation	28.4773408	Variance	810.958938
Skewness	0.01119666	Kurtosis	-1.189282
Uncorrected SS	4500343	Corrected SS	1134531.55
Coeff Variation	58.0789236	Std Error Mean	0.76108895

Basic Statistical Measures			
Location		Variability	
Mean	49.03214	Std Deviation	28.47734
Median	48.00000	Variance	810.95894
Mode	70.00000	Range	99.00000
		Interquartile Range	49.50000

Tests for Location: Mu0=0				
Test		Statistic	p Value	
Student's t	t	64.42367	Pr > |t|	<.0001
Sign	M	695	Pr >= |M|	<.0001
Signed Rank	S	483372.5	Pr >= |S|	<.0001

Quantiles (Definition 5)	
Level	Quantile

Quantiles (Definition 5)	
Level	Quantile
100% Max	99.0
99%	98.0
95%	94.0
90%	88.5
75% Q3	73.5
50% Median	48.0
25% Q1	24.0
10%	9.5
5%	5.0
1%	1.0
0% Min	0.0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0	1330	99	625
0	1115	99	757
0	1099	99	1046
0	896	99	1327
0	626	99	1393

The FREQ Procedure

Frequency Percent Row Pct Col Pct	Table of X2_high by diabetes		
		diabetes	
X2_high	0	1	Total
0	602 43.00 87.25 49.75	88 6.29 12.75 46.32	690 49.29
1	608 43.43 85.63 50.25	102 7.29 14.37 53.68	710 50.71
Total	1210 86.43	190 13.57	1400 100.00

The CONTENTS Procedure

Data Set Name	WORK.QUIZ1	Observations	1400
Member Type	DATA	Variables	13
Engine	V9	Indexes	0
Created	02/06/2024 08:53:31	Observation Length	104
Last Modified	02/06/2024 08:53:31	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		

Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	2
First Data Page	1
Max Obs per Page	1258
Obs in First Data Page	1225
Number of Data Set Repairs	0
Filename	/saswork/SAS_work0638000073E4_odaws02-usw2-2.oda.sas.com/SAS_work54D3000073E4_odaws02-usw2-2.oda.sas.com/quiz1.sas7bdat
Release Created	9.0401M7
Host Created	Linux
Inode Number	2483028271
Access Permission	rw-r--r--
Owner Name	u63577751
File Size	384KB
File Size (bytes)	393216

Alphabetic List of Variables and Attributes				
#	**Variable**	**Type**	**Len**	**Format**
1	X1	Num	8	
2	X2	Num	8	
3	X3	Num	8	
4	X4	Num	8	
5	X5	Num	8	
6	X6	Num	8	
13	X2_high	Num	8	
8	consult_dt	Num	8	DATE9.
7	diabetes	Num	8	
10	sum_V1	Num	8	
11	sum_V2	Num	8	
9	surgery_dt	Num	8	DATE9.
12	wait_time	Num	8	