

Fitting the normal to development data

The UNIVARIATE Procedure
Variable: time_pp

Moments			
N	96	Sum Weights	96
Mean	31.3541667	Sum Observations	3010
Std Deviation	3.32764866	Variance	11.0732456
Skewness	0.75038358	Kurtosis	0.04666776
Uncorrected SS	95428	Corrected SS	1051.95833
Coeff Variation	10.6130987	Std Error Mean	0.33962672

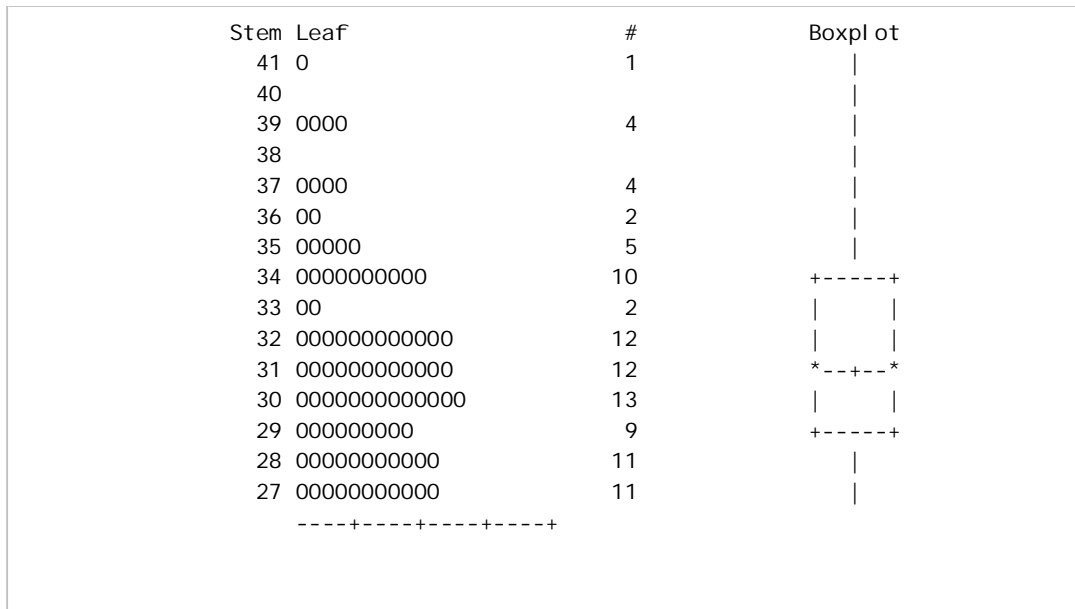
Basic Statistical Measures			
Location		Variability	
Mean	31.35417	Std Deviation	3.32765
Median	31.00000	Variance	11.07325
Mode	30.00000	Range	14.00000
		Interquartile Range	5.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	92.31949	Pr > t 	<.0001
Sign	M	48	Pr >= M 	<.0001
Signed Rank	S	2328	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	41
99%	41
95%	39
90%	36
75% Q3	34
50% Median	31
25% Q1	29
10%	27
5%	27
1%	27
0% Min	27

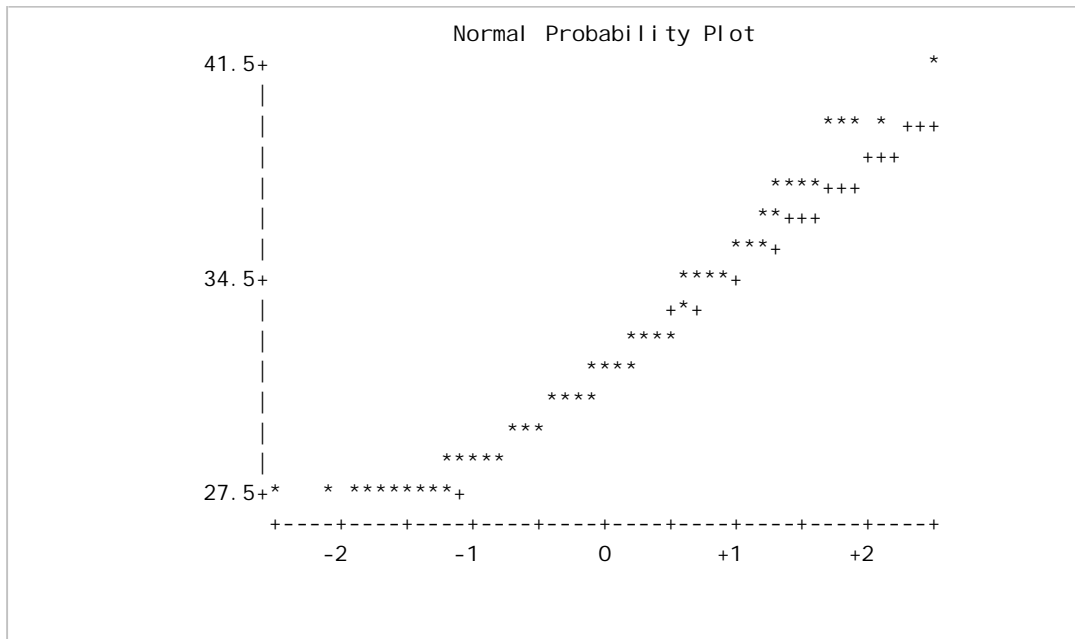
Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
27	89	39	15
27	87	39	26
27	83	39	27

27	82	39	55
27	81	41	22



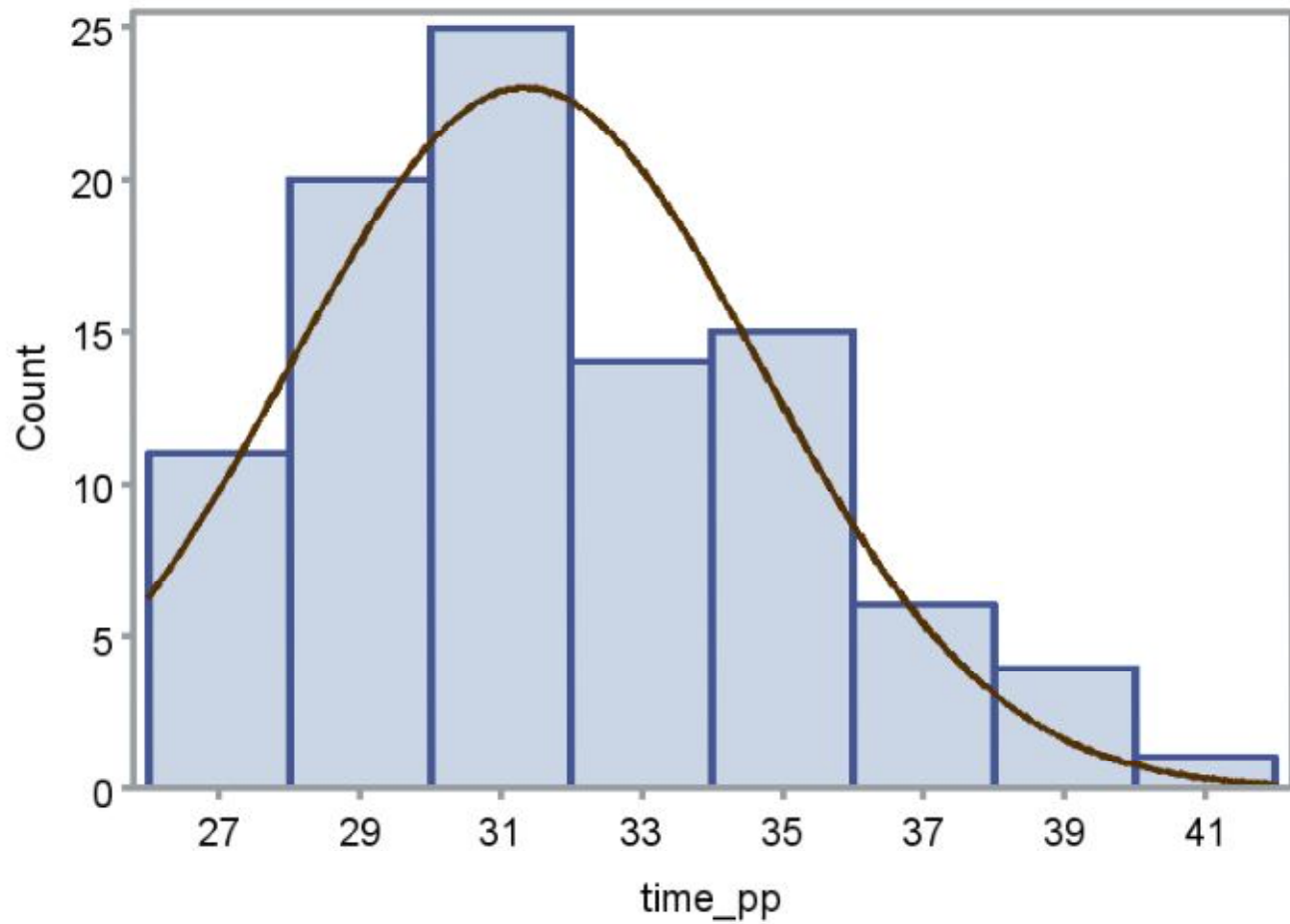
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The UNIVARIATE Procedure
Variable: time_pp



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The UNIVARIATE Procedure
Fitted Normal Distribution for time_pp

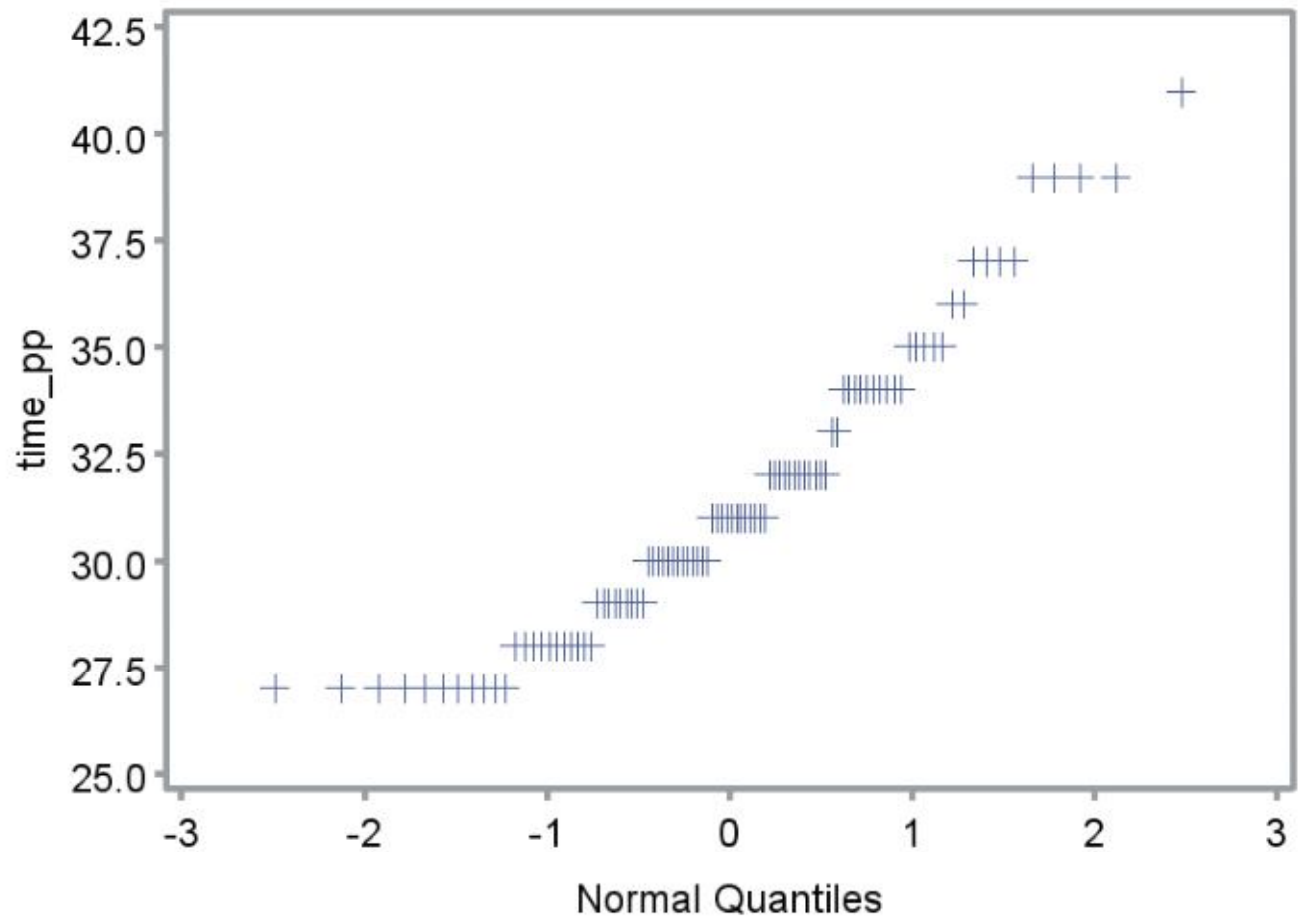
Parameters for Normal Distribution		
Parameter	Symbol	Estimate
Mean	Mu	31.35417
Std Dev	Sigma	3.327649

Goodness-of-Fit Tests for Normal Distribution				
Test	Statistic		p Value	
Kolmogorov-Smirnov	D	0.13138957	Pr > D	<0.010
Cramer-von Mises	W-Sq	0.26720735	Pr > W-Sq	<0.005
Anderson-Darling	A-Sq	1.73548398	Pr > A-Sq	<0.005

Quantiles for Normal Distribution		
Percent	Quantile	
	Observed	Estimated
1.0	27.0000	23.6129
5.0	27.0000	25.8807
10.0	27.0000	27.0896
25.0	29.0000	29.1097
50.0	31.0000	31.3542
75.0	34.0000	33.5986
90.0	36.0000	35.6187
95.0	39.0000	36.8277
99.0	41.0000	39.0954

The UNIVARIATE Procedure

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The UNIVARIATE Procedure
Variable: time_adult

Moments			
N	68	Sum Weights	68
Mean	75.3529412	Sum Observations	5124
Std Deviation	26.3465791	Variance	694.14223
Skewness	0.51461555	Kurtosis	-0.6244048
Uncorrected SS	432616	Corrected SS	46507.5294
Coeff Variation	34.9642346	Std Error Mean	3.19499201

Basic Statistical Measures			
Location		Variability	
Mean	75.35294	Std Deviation	26.34658
Median	68.00000	Variance	694.14223
Mode	42.00000	Range	105.00000
		Interquartile Range	46.50000

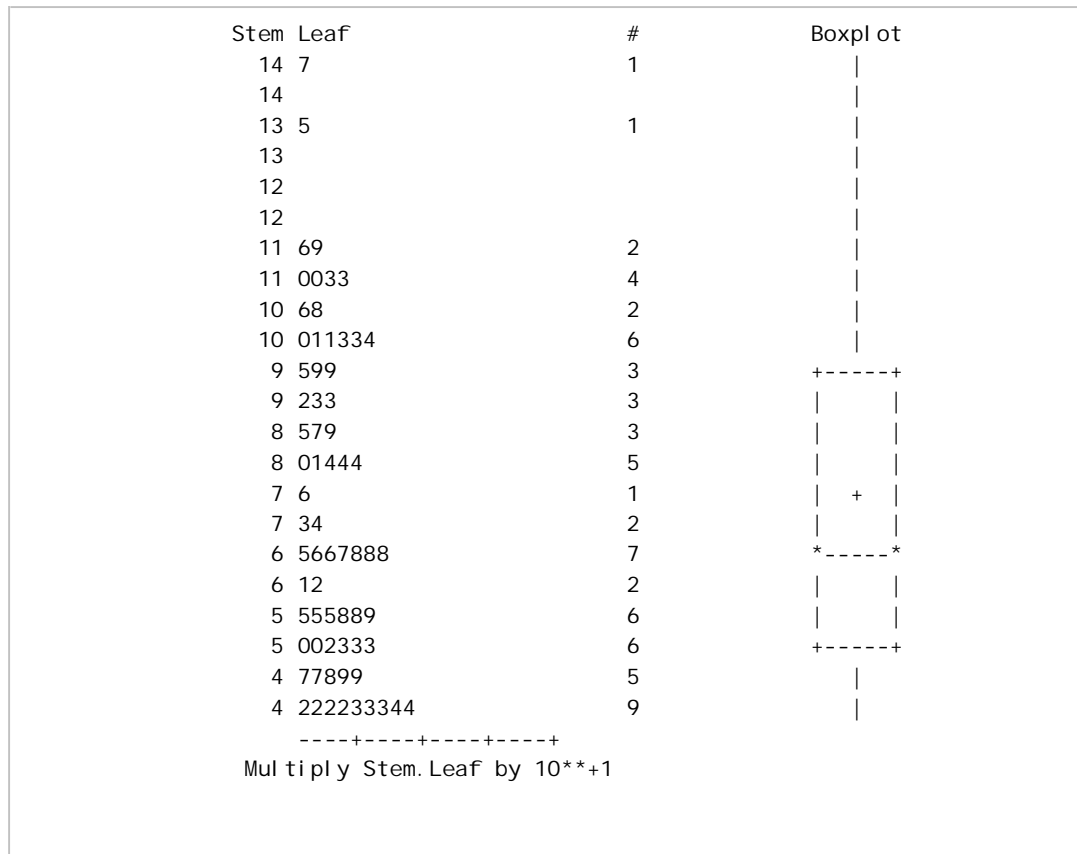
Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	23.5847	Pr > t 	<.0001
Sign	M	34	Pr >= M 	<.0001
Signed Rank	S	1173	Pr >= S 	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	147.0
99%	147.0
95%	116.0
90%	110.0
75% Q3	99.0
50% Median	68.0
25% Q1	52.5
10%	43.0
5%	42.0
1%	42.0
0% Min	42.0

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
42	60	113	67
42	49	116	35

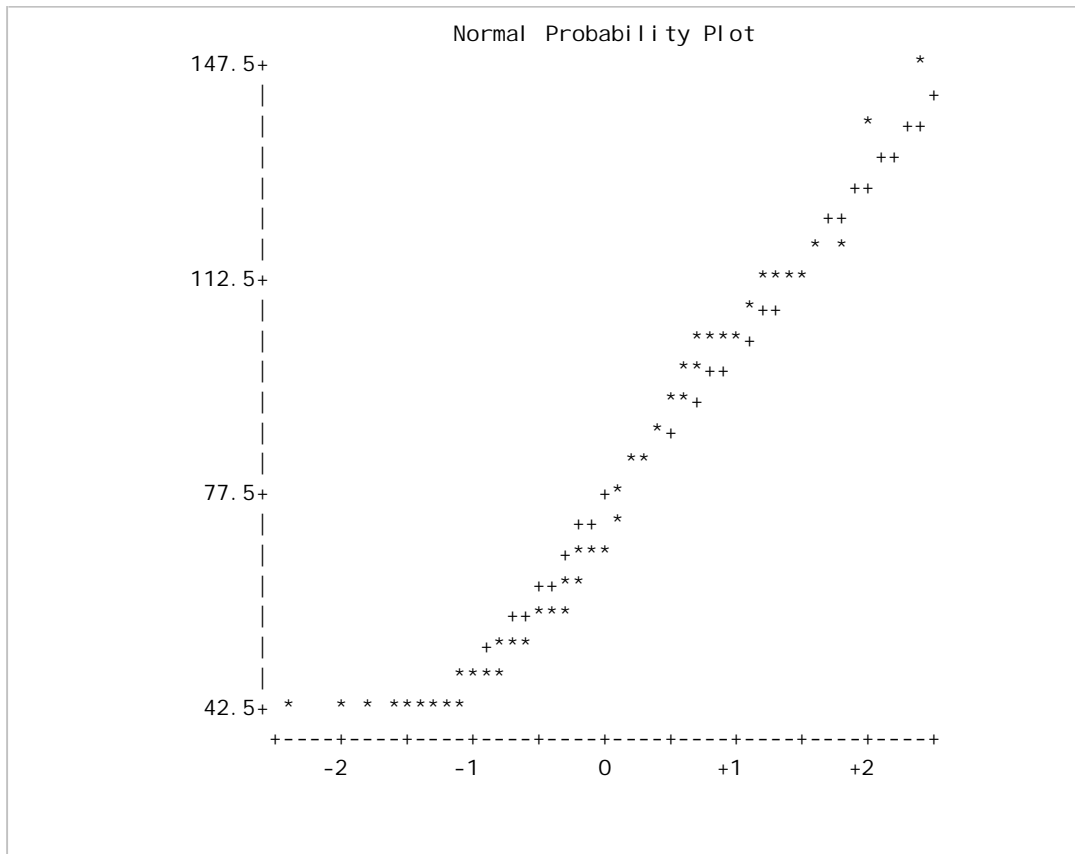
42	47	119	66
42	12	135	65
43	55	147	63

Missing Values			
Missing Value	Count	Percent Of	
		All Obs	Missing Obs
.	28	29.17	100.00



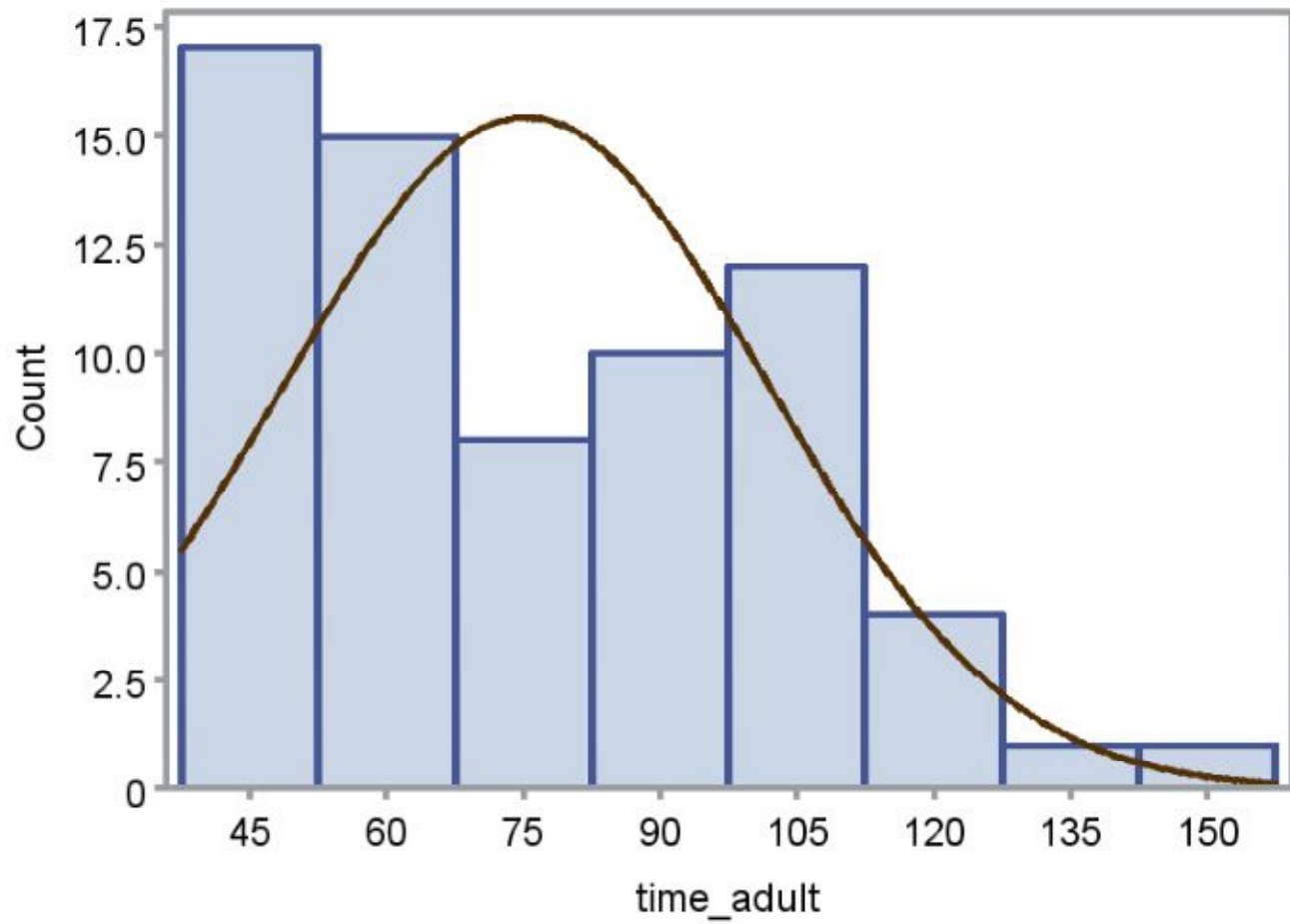
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The UNIVARIATE Procedure
Variable: time_adult



The UNIVARIATE Procedure

Fitting the normal to development data



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The UNIVARIATE Procedure
Fitted Normal Distribution for time_adult

Parameters for Normal Distribution		
Parameter	Symbol	Estimate
Mean	Mu	75.35294
Std Dev	Sigma	26.34658

Goodness-of-Fit Tests for Normal Distribution				
Test	Statistic		p Value	
Kolmogorov-Smirnov	D	0.12461617	Pr > D	<0.010
Cramer-von Mises	W-Sq	0.22866485	Pr > W-Sq	<0.005
Anderson-Darling	A-Sq	1.43281773	Pr > A-Sq	<0.005

Quantiles for Normal Distribution		
Percent	Quantile	
	Observed	Estimated
1.0	42.0000	14.0616
5.0	42.0000	32.0167
10.0	43.0000	41.5884
25.0	52.5000	57.5824
50.0	68.0000	75.3529
75.0	99.0000	93.1234
90.0	110.0000	109.1174
95.0	116.0000	118.6892
99.0	147.0000	136.6442

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