Normal Ranges proc contents procedure

The CONTENTS Procedure

Data Set Name	PHARMA.NORMAL_RANGES	**Observations**	24
Member Type	DATA	**Variables**	7
Engine	V9	**Indexes**	0
Created	12/06/2025 21:46:24	**Observation Length**	56
Last Modified	12/06/2025 21:46:24	**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	2334
Obs in First Data Page	24
Number of Data Set Repairs	0
Filename	/home/ajay_malkani0/SAS Programming in the Pharmaceutical Industry/Data Sets and SAS code/normal_ranges.sas7bdat
Release Created	9.0401M8
Host Created	Linux
Inode Number	728408828
Access Permission	rw-r--r--
Owner Name	ajay_malkani0
File Size	256KB
File Size (bytes)	262144

Alphabetic List of Variables and Attributes					
#	**Variable**	**Type**	**Len**	**Format**	**Informat**
3	Gender	Char	1	$1.	$1.
5	High Age	Num	8	BEST12.	BEST32.
7	High Normal	Num	8	BEST12.	BEST32.
1	Lab Test	Char	11	$11.	$11.
4	Low Age	Num	8	BEST12.	BEST32.
6	Low Normal	Num	8	BEST12.	BEST32.
2	Units	Char	7	$7.	$7.

Obs	Lab Test	Units	Gender	Low Age	High Age	Low Normal	High Normal
1	CREATININE	mg/dL	F	0	18	0.7	1.1
2	CREATININE	mg/dL	F	19	200	0.4	0.9
3	CREATININE	mg/dL	M	0	18	0.7	1.3
4	CREATININE	mg/dL	M	19	200	0.5	1.2
5	HGB	g/dL	F	0	18	11	14.9
6	HGB	g/dL	F	19	200	12	15.9
7	HGB	g/dL	M	0	18	10	15.6
8	HGB	g/dL	M	19	200	13.3	19
9	HCT	%	F	0	18	32	44.5
10	HCT	%	F	19	200	34	47.6
11	HCT	%	M	0	18	31	47.7
12	HCT	%	M	19	200	39.5	55.5
13	NEUTROPHILS	%	F	0	18	45	74.2
14	NEUTROPHILS	%	F	19	200	39.3	74
15	NEUTROPHILS	%	M	0	18	42.2	77.3
16	NEUTROPHILS	%	M	19	200	40.3	75.5
17	PLATELETS	x10^9/L	F	0	18	204	370
18	PLATELETS	x10^9/L	F	19	200	167	410
19	PLATELETS	x10^9/L	M	0	18	175	355
20	PLATELETS	x10^9/L	M	19	200	153	420
21	ALKALINE PH	U/L	F	0	18	43	112
22	ALKALINE PH	U/L	F	19	200	42	137
23	ALKALINE PH	U/L	M	0	18	50	169
24	ALKALINE PH	U/L	M	19	200	44	130

Normal Laboratory Ranges data set using a data step

Obs	Laboratory Test	Lab Units	Gender	Lower Age Range	Higher Age Range	Low Normal Lab Value Range	High Normal Lab Value Range
1	CREATININE	mg/dL	Female	0	18	0.7	1.1
2	CREATININE	mg/dL	Female	19	200	0.4	0.9
3	CREATININE	mg/dL	Male	0	18	0.7	1.3
4	CREATININE	mg/dL	Male	19	200	0.5	1.2
5	HGB	g/dL	Female	0	18	11.0	14.9
6	HGB	g/dL	Female	19	200	12.0	15.9
7	HGB	g/dL	Male	0	18	10.0	15.6
8	HGB	g/dL	Male	19	200	13.3	19.0
9	HCT	%	Female	0	18	32.0	44.5
10	HCT	%	Female	19	200	34.0	47.6
11	HCT	%	Male	0	18	31.0	47.7
12	HCT	%	Male	19	200	39.5	55.5
13	NEUTROPHILS	%	Female	0	18	45.0	74.2
14	NEUTROPHILS	%	Female	19	200	39.3	74.0
15	NEUTROPHILS	%	Male	0	18	42.2	77.3
16	NEUTROPHILS	%	Male	19	200	40.3	75.5
17	PLATELETS	x10^9/L	Female	0	18	204.0	370.0
18	PLATELETS	x10^9/L	Female	19	200	167.0	410.0
19	PLATELETS	x10^9/L	Male	0	18	175.0	355.0
20	PLATELETS	x10^9/L	Male	19	200	153.0	420.0
21	ALKALINE PHOSPHATASE	U/L	Female	0	18	43.0	112.0
22	ALKALINE PHOSPHATASE	U/L	Female	19	200	42.0	137.0
23	ALKALINE PHOSPHATASE	U/L	Male	0	18	50.0	169.0
24	ALKALINE PHOSPHATASE	U/L	Male	19	200	44.0	130.0

The CONTENTS Procedure

Data Set Name	PHARMA.NORMAL_RANGES1XLS	**Observations**	24
Member Type	DATA	**Variables**	7
Engine	V9	**Indexes**	0
Created	12/06/2025 21:46:24	**Observation Length**	80
Last Modified	12/06/2025 21:46:24	**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	1635
Obs in First Data Page	24
Number of Data Set Repairs	0
Filename	/home/ajay_malkani0/SAS Programming in the Pharmaceutical Industry/Data Sets and SAS code/normal_ranges1xls.sas7bdat
Release Created	9.0401M8
Host Created	Linux
Inode Number	728408858
Access Permission	rw-r--r--
Owner Name	ajay_malkani0
File Size	256KB
File Size (bytes)	262144

Variables in Creation Order						
#	**Variable**	**Type**	**Len**	**Format**	**Informat**	**Label**
1	Lab Test	Char	26	$26.	$26.	Lab Test
2	Units	Char	9	$9.	$9.	Units
3	Gender	Char	12	$12.	$12.	Gender
4	Low Age	Num	8	BEST12.		Low Age
5	High Age	Num	8	BEST12.		High Age
6	Low Normal	Num	8	BEST12.		Low Normal
7	High Normal	Num	8	BEST11.		High Normal

Normal Laboratory Ranges Data set from MSEXCEL

Obs	Lab Test	Units	Gender	Low Age	High Age	Low Normal	High Normal
1	CREATININE	mg/dL	F	0	18	0.7	1.1
2	CREATININE	mg/dL	F	19	200	0.4	0.9
3	CREATININE	mg/dL	M	0	18	0.7	1.3
4	CREATININE	mg/dL	M	19	200	0.5	1.2
5	HGB	g/dL	F	0	18	11	14.9
6	HGB	g/dL	F	19	200	12	15.9
7	HGB	g/dL	M	0	18	10	15.6
8	HGB	g/dL	M	19	200	13.3	19
9	HCT	%	F	0	18	32	44.5
10	HCT	%	F	19	200	34	47.6
11	HCT	%	M	0	18	31	47.7
12	HCT	%	M	19	200	39.5	55.5
13	NEUTROPHILS	%	F	0	18	45	74.2
14	NEUTROPHILS	%	F	19	200	39.3	74
15	NEUTROPHILS	%	M	0	18	42.2	77.3
16	NEUTROPHILS	%	M	19	200	40.3	75.5
17	PLATELETS	x10^9/L	F	0	18	204	370
18	PLATELETS	x10^9/L	F	19	200	167	410
19	PLATELETS	x10^9/L	M	0	18	175	355
20	PLATELETS	x10^9/L	M	19	200	153	420
21	ALKALINE PHOSPHATASE	U/L	F	0	18	43	112
22	ALKALINE PHOSPHATASE	U/L	F	19	200	42	137
23	ALKALINE PHOSPHATASE	U/L	M	0	18	50	169
24	ALKALINE PHOSPHATASE	U/L	M	19	200	44	130