IMPORT DATASET

The CONTENTS Procedure

Data Set Name	WORK.NYSE2	**Observations**	359
Member Type	DATA	**Variables**	14
Engine	V9	**Indexes**	0
Created	05/01/2022 23:41:00	**Observation Length**	152
Last Modified	05/01/2022 23:41:00	**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	861
Obs in First Data Page	359
Number of Data Set Repairs	0
Filename	/saswork/SAS_work7BDD0001BDE1_odaws02-usw2-2.oda.sas.com/SAS_work15630001BDE1_odaws02-usw2-2.oda.sas.com/nyse2.sas7bdat
Release Created	9.0401M6
Host Created	Linux
Inode Number	1275068875
Access Permission	rw-r--r--
Owner Name	u61397358
File Size	256KB
File Size (bytes)	262144

Alphabetic List of Variables and Attributes

#	Variable	Type	Len	Format	Informat
7	DividendYield	Num	8	BEST12.	BEST32.
12	EBITDA	Num	8	BEST12.	BEST32.
8	EarningsperShare	Num	8	BEST12.	BEST32.
3	Exchange	Char	4	$4.	$4.
9	FiftytwoWeekHigh	Num	8	BEST12.	BEST32.
10	FiftytwoWeekLow	Num	8	BEST12.	BEST32.
11	MarketCap_000s	Num	8	BEST12.	BEST32.

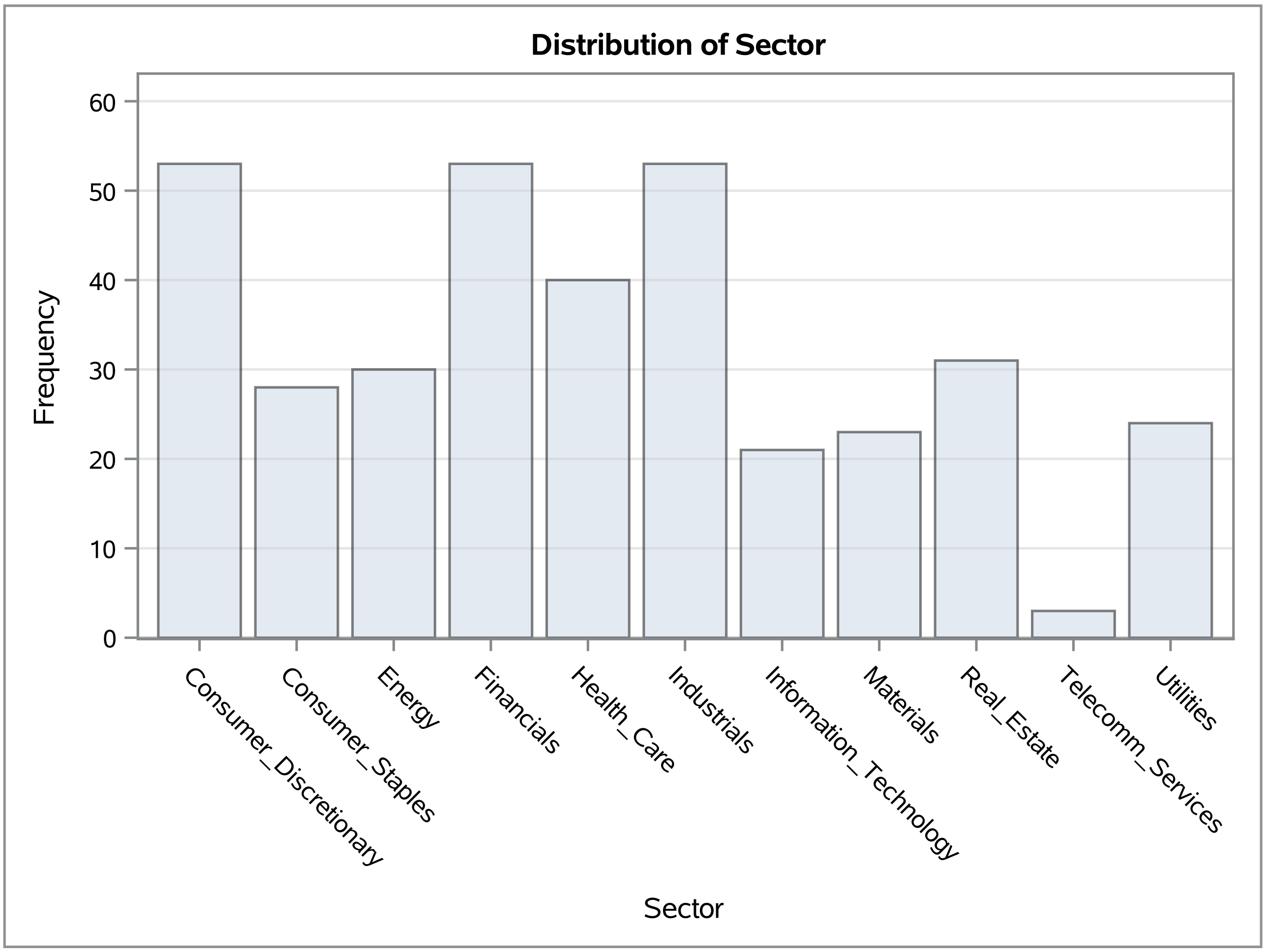
The CONTENTS Procedure

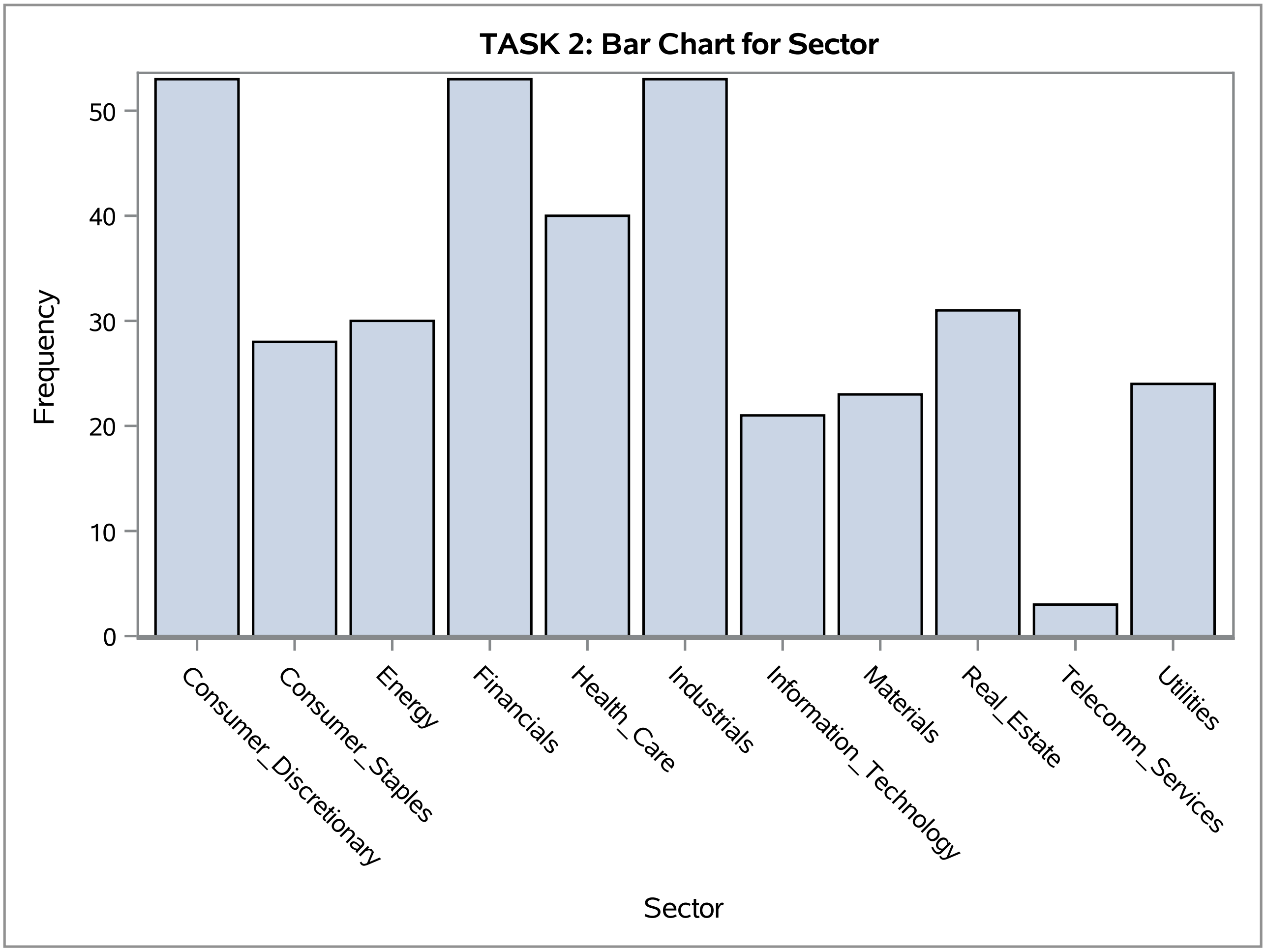
Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Informat
2	Name	Char	35	$35.	$35.
5	Price	Num	8	BEST12.	BEST32.
14	PricetoBook	Num	8	BEST12.	BEST32.
6	PricetoEarnings	Num	8	BEST12.	BEST32.
13	PricetoSales	Num	8	BEST12.	BEST32.
4	Sector	Char	22	$22.	$22.
1	Symbol	Char	4	$4.	$4.

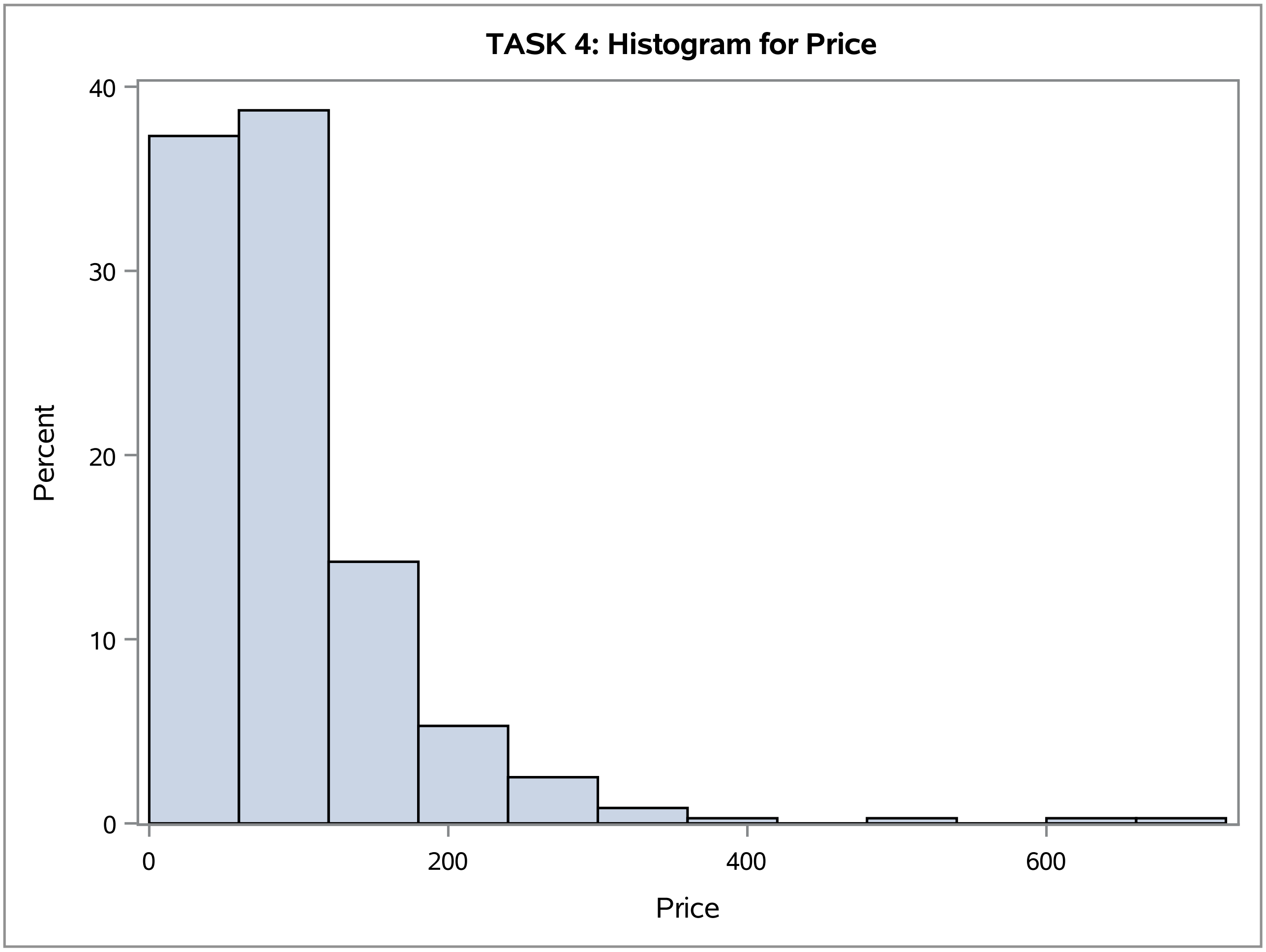
TASK 2: Bar Chart for Sector

The FREQ Procedure

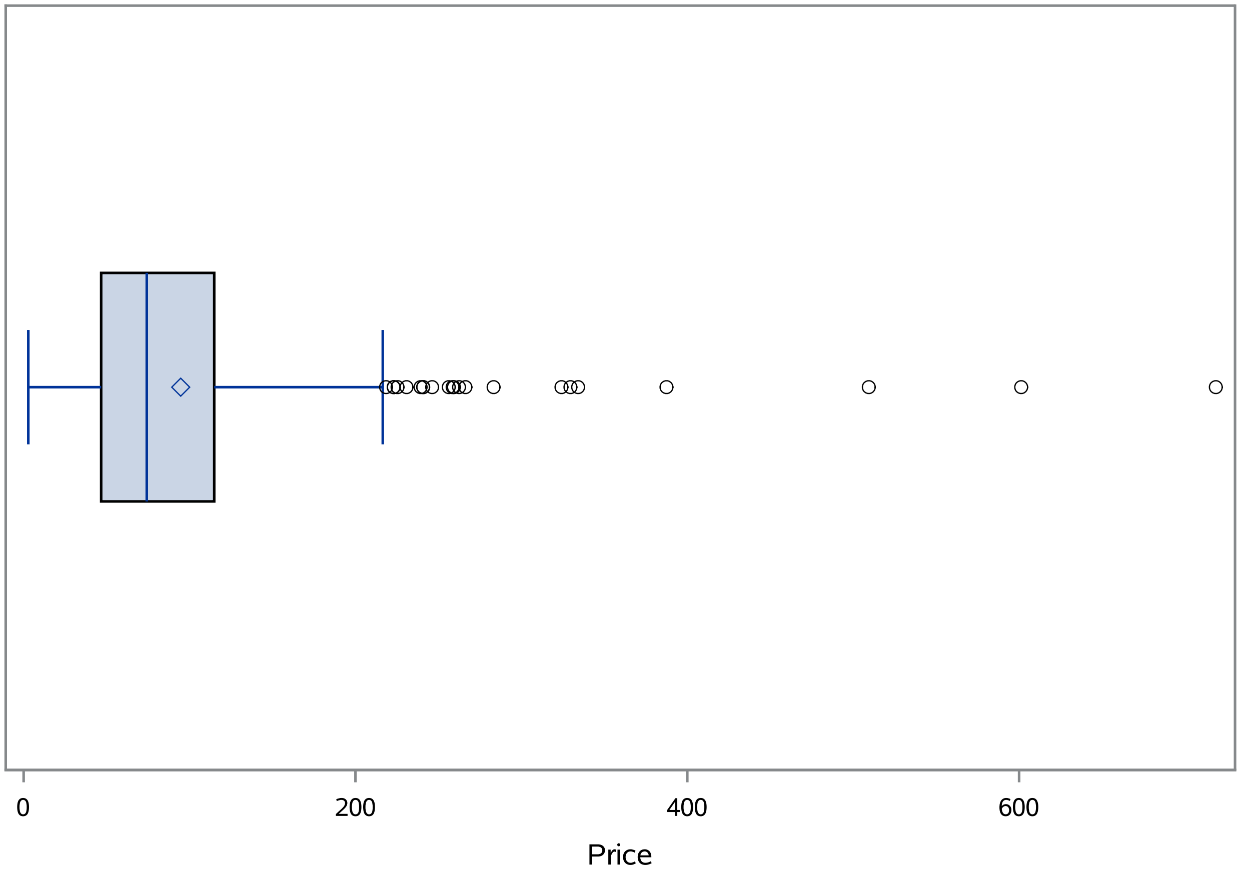
Sector	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Consumer_Discretionary	53	14.76	53	14.76
Consumer_Staples	28	7.80	81	22.56
Energy	30	8.36	111	30.92
Financials	53	14.76	164	45.68
Health_Care	40	11.14	204	56.82
Industrials	53	14.76	257	71.59
Information_Technology	21	5.85	278	77.44
Materials	23	6.41	301	83.84
Real_Estate	31	8.64	332	92.48
Telecomm_Services	3	0.84	335	93.31
Utilities	24	6.69	359	100.00




TASK 2: Bar Chart for Sector
Frequency
0
10
20
30
40
50
Consumer_Discretionary
Consumer_Staples
Energy
Financials
Health_Care
Industrials
Information_Technology
Materials
Real_Estate
Telecomm_Services
Utilities
Sector


TASK 4: Histogram for Price
40
30
20
10
0
Percent
0
200
400
600
Price

TASK 5: Boxplot for Price



TASK 6: 92% CI for Earnings Per Share

The UNIVARIATE Procedure
Variable: EarningsperShare

Moments			
N	359	Sum Weights	359
Mean	3.83671309	Sum Observations	1377.38
Std Deviation	5.63589021	Variance	31.7632584
Skewness	1.48729602	Kurtosis	15.7304648
Uncorrected SS	16655.8584	Corrected SS	11371.2465
Coeff Variation	146.89371	Std Error Mean	0.29745091

Basic Statistical Measures			
Location		Variability	
Mean	3.836713	Std Deviation	5.63589
Median	3.090000	Variance	31.76326
Mode	1.020000	Range	72.10000
		Interquartile Range	4.11000

Note: The mode displayed is the smallest of 4 modes with a count of 3.

Basic Confidence Limits Assuming Normality			
Parameter	Estimate	92% Confidence Limits	
Mean	3.83671	3.31449	4.35894
Std Deviation	5.63589	5.29100	6.03167
Variance	31.76326	27.99471	36.38105

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	12.89864	Pr > |t|	<.0001
Sign	M	140	Pr >= |M|	<.0001
Signed Rank	S	26972	Pr >= |S|	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	44.09
99%	23.71
95%	12.07
90%	9.20
75% Q3	5.60
50% Median	3.09
25% Q1	1.49

TASK 6: 92% CI for Earnings Per Share

The UNIVARIATE Procedure
Variable: EarningsperShare

Quantiles (Definition 5)	
Level	**Quantile**
10%	-0.57
5%	-2.32
1%	-11.04
0% Min	-28.01

Extreme Observations			
Lowest		**Highest**	
Value	**Obs**	**Value**	**Obs**
-28.01	250	22.74	214
-19.94	160	23.71	126
-14.49	132	30.30	51
-11.04	87	38.35	18
-6.89	102	44.09	41

TASK 7: DividendYield HT

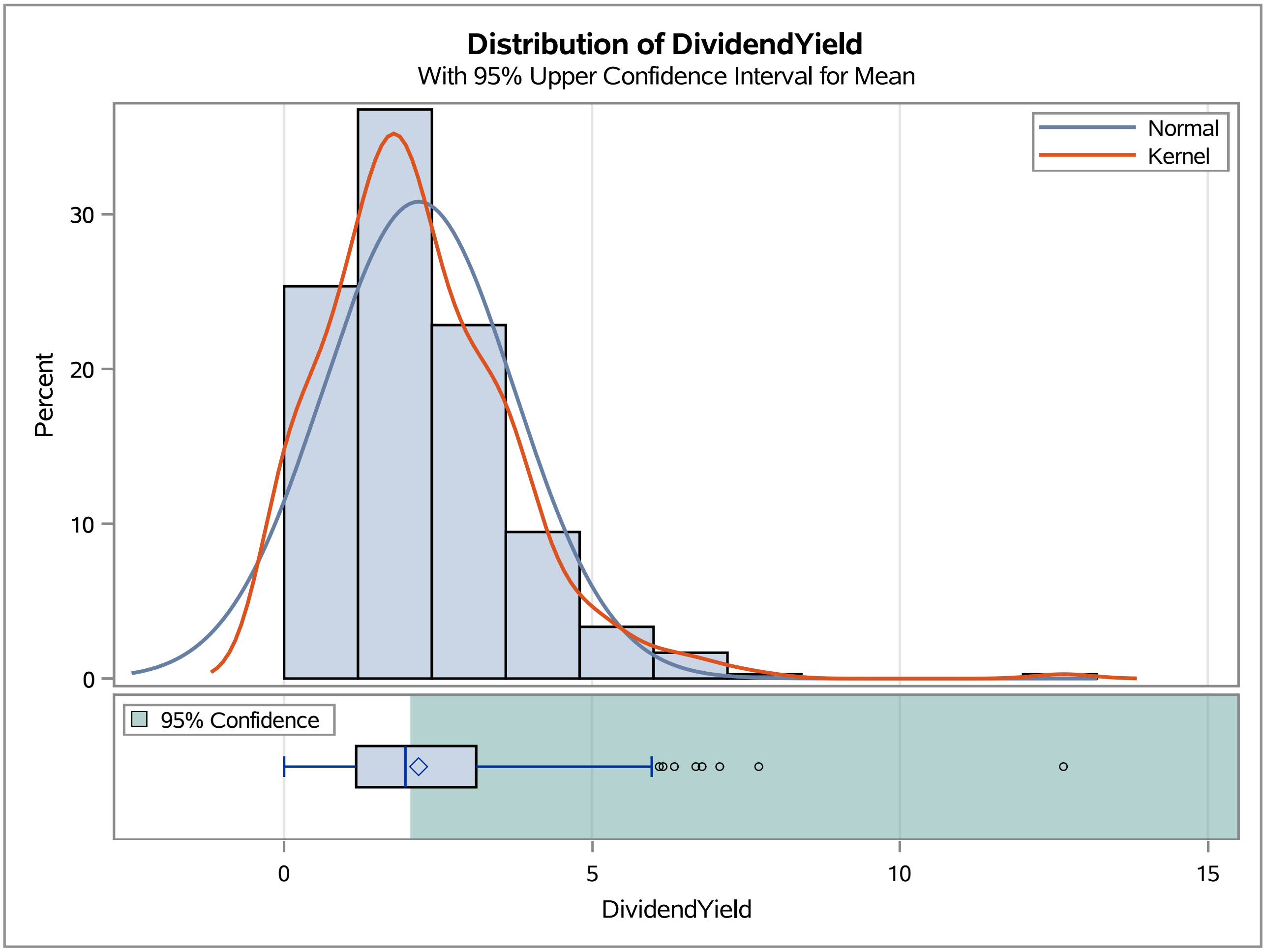
The TTEST Procedure

Variable: DividendYield

N	Mean	Std Dev	Std Err	Minimum	Maximum
359	2.1846	1.5537	0.0820	0	12.6600

Mean	95% CL Mean		Std Dev	95% CL Std Dev	
2.1846	2.0493	Infty	1.5537	1.4478	1.6765

DF	t Value	Pr > t
358	2.25	0.0125



The TTEST Procedure

Variable: DividendYield