Program Summary - KanishkDataAnalyticsIA.sas

Execution Environment

Author: u59513296

File: /home/u59513296/IndividualAssignment/FNT 204 Data Analytics/KanishkDataAnalyticsIA.sas

SAS Platform: Linux LIN X64 3.10.0-1062.9.1.el7.x86_64 SAS Host: ODAWS02-USW2.ODA.SAS.COM

SAS Version: 9.04.01M7P08062020

SAS Locale: en US

Submission Time: 6/30/2023, 7:22:39 PM

Browser Host: LNSM1-TORONTO10-142-116-152-56.INTERNET.VIRGINMOBILE.CA

User Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/114.0.0.0 Safari/537.36

Application Server: ODAMID01-USW2.ODA.SAS.COM

Code: KanishkDataAnalyticsIA.sas

```
proc import file="/home/u59513296/IndividualAssignment/FNT 204 Data Analytics/Individual Analytics Assignment _data file
out=rahimstore
dbms=xlsx
replace;
getnames=yes;
run;
proc print data=rahimstore;
run;
proc contents data=rahimstore;
run;
proc freq data=rahimstore;
table Sales_Transaction;
run;
proc means data=rahimstore min max mean median mode skewness ;
run:
proc univariate data=rahimstore;
run
PROC ANOVA DATA=rahimstore;
CLASS Family_Income;
MODEL Sales_Transaction=Family_Income ;
RUN;
proc sgplot data=rahimstore;
  scatter x=Sales_Transaction y=Family_Income / markerattrs=(color=blue);
  xaxis label='Sales Transaction';
  yaxis label='Family Income';
  run;
proc sgplot data=rahimstore;
  scatter x=Sales_Transaction y=Family_Size / markerattrs=(color=blue);
   xaxis label='Sales Transaction';
  yaxis label='Family Size';
  run;
proc sgplot data=rahimstore;
  scatter x=Sales_Transaction y=Number_of_items / markerattrs=(color=blue);
  xaxis label='Sales Transaction';
  yaxis label='Number of items';
  run;
proc sgplot data=rahimstore;
  scatter x=Sales_Transaction y=Number_of_Vehicles / markerattrs=(color=blue);
  xaxis label='Sales Transaction';
  yaxis label='Number of vehicles';
  run:
 proc sgplot data=rahimstore;
  scatter x=Sales_Transaction y=Distance_to_Store / markerattrs=(color=blue);
  xaxis label='Sales Transaction';
  yaxis label='Distance to store (km)';
  run;
```

Log: KanishkDataAnalyticsIA.sas

```
Notes (22)
```

```
1
           OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
68
69
           proc import file="/home/u59513296/IndividualAssignment/FNT 204 Data Analytics/Individual Analytics Assignment _data file
69
            KK.xlsx"
70
           out=rahimstore
71
           dbms=xlsx
72
           replace;
73
           getnames=yes;
74
```

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```
NOTE: The import data set has 150 observations and 7 variables.
NOTE: WORK.RAHIMSTORE data set was successfully created.
NOTE: PROCEDURE IMPORT used (Total process time):
      real time
                          0.02 seconds
      user cpu time
                          0.02 seconds
      system cpu time
                           0.01 seconds
                           3366.25k
      memory
      OS Memory
                           22264.00k
                           06/30/2023 11:22:34 PM
      Timestamp
      Step Count
                                         24 Switch Count 2
      Page Faults
                                         1008
      Page Reclaims
      Page Swaps
      Voluntary Context Switches
                                         19
      Involuntary Context Switches
Block Input Operations
                                         0
                                         32
      Block Output Operations
                                         264
           proc print data=rahimstore;
75
76
           run;
NOTE: There were 150 observations read from the data set WORK.RAHIMSTORE.
NOTE: PROCEDURE PRINT used (Total process time):
      real time
                          0.18 seconds
                          0.19 seconds
      user cpu time
      system cpu time
                          0.00 seconds
      memory
                          1269.90k
      OS Memory
                          20900.00k
      Timestamp
                           06/30/2023 11:22:35 PM
      Step Count
                                         25 Switch Count 0
      Page Faults
                                         0
      Page Reclaims
                                         466
      Page Swaps
                                         0
      Voluntary Context Switches
      Involuntary Context Switches
                                         0
      Block Input Operations
      Block Output Operations
                                         72
           proc contents data=rahimstore;
78
           run;
NOTE: PROCEDURE CONTENTS used (Total process time):
                          0.03 seconds
      real time
      user cpu time
                          0.04 seconds
                          0.00 seconds
      system cpu time
                          1463.84k
      memory
      OS Memory
                          21416.00k
      Timestamp
                          06/30/2023 11:22:35 PM
                                         26 Switch Count 0
      Step Count
      Page Faults
                                         0
      Page Reclaims
                                         556
      Page Swaps
                                         0
      Voluntary Context Switches
                                         2
      Involuntary Context Switches
                                         a
      Block Input Operations
                                         0
      Block Output Operations
                                         24
79
           proc freq data=rahimstore;
80
           table Sales_Transaction;
81
           run;
NOTE: There were 150 observations read from the data set WORK.RAHIMSTORE.
NOTE: PROCEDURE FREQ used (Total process time):
      real time
                          0.11 seconds
      user cpu time
                           0.12 seconds
      system cpu time
                           0.00 seconds
                          834.56k
      memory
      OS Memory
                           21416.00k
                           06/30/2023 11:22:35 PM
      Timestamp
      Step Count
                                         27 Switch Count 2
      Page Faults
      Page Reclaims
                                         296
      Page Swaps
      Voluntary Context Switches
                                         13
      Involuntary Context Switches
                                         1
      Block Input Operations
                                         0
      Block Output Operations
                                         312
           proc means data=rahimstore min max mean median mode skewness ;
82
83
NOTE: There were 150 observations read from the data set \ensuremath{\mathsf{WORK.RAHIMSTORE}}.
NOTE: PROCEDURE MEANS used (Total process time):
      real time
                          0.04 seconds
      user cpu time
                          0.04 seconds
      system cpu time
                          0.01 seconds
      memory
                           6415,43k
      OS Memory
                          26808.00k
```

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Timestamp
                          06/30/2023 11:22:35 PM
      Step Count
                                         28 Switch Count 1
      Page Faults
                                         0
      Page Reclaims
                                         1608
      Page Swaps
      Voluntary Context Switches
                                         25
      Involuntary Context Switches
      Block Input Operations
      Block Output Operations
                                         16
           proc univariate data=rahimstore;
84
85
           run;
NOTE: PROCEDURE UNIVARIATE used (Total process time):
      real time
                          0.29 seconds
      user cpu time
                          0.29 seconds
                          0.00 seconds
      system cpu time
                          921.81k
      memory
      OS Memory
                          21668.00k
      Timestamp
                          06/30/2023 11:22:35 PM
                                         29 Switch Count 0
      Step Count
      Page Faults
                                         a
      Page Reclaims
                                         215
      Page Swaps
      Voluntary Context Switches
                                         0
      Involuntary Context Switches
      Block Input Operations
      Block Output Operations
                                         104
86
           PROC ANOVA DATA=rahimstore;
87
           CLASS Family_Income;
88
           MODEL Sales_Transaction=Family_Income ;
89
NOTE: PROCEDURE ANOVA used (Total process time):
                        2.90 seconds
      real time
      user cpu time
                          0.28 seconds
      system cpu time
                          0.03 seconds
      memory
                          9845.34k
      OS Memory
                          31148.00k
      Timestamp
                          06/30/2023 11:22:38 PM
      Step Count
                                         30 Switch Count 7
      Page Faults
                                         0
      Page Reclaims
                                         3650
      Page Swaps
      Voluntary Context Switches
                                         10628
      Involuntary Context Switches
Block Input Operations
                                         0
                                         a
      Block Output Operations
                                         1136
           proc sgplot data=rahimstore;
90
91
              scatter x=Sales_Transaction y=Family_Income / markerattrs=(color=blue);
92
              xaxis label='Sales Transaction';
              yaxis label='Family Income';
93
94
              run;
NOTE: PROCEDURE SGPLOT used (Total process time):
      real time
                          0.15 seconds
      user cpu time
                          0.03 seconds
      system cpu time
                          0.00 seconds
                          1408.62k
      memory
      OS Memory
                           31788.00k
      Timestamp
                          06/30/2023 11:22:38 PM
      Step Count
                                         31 Switch Count 1
      Page Faults
      Page Reclaims
                                         606
      Page Swaps
      Voluntary Context Switches
                                         135
      Involuntary Context Switches
                                         0
      Block Input Operations
                                         0
      Block Output Operations
                                         384
NOTE: There were 150 observations read from the data set WORK.RAHIMSTORE.
95
           proc sgplot data=rahimstore;
              scatter x=Sales_Transaction y=Family_Size / markerattrs=(color=blue);
96
              xaxis label='Sales Transaction';
97
              yaxis label='Family Size';
98
99
              run:
NOTE: PROCEDURE SGPLOT used (Total process time):
      real time
                          0.11 seconds
      user cpu time
                           0.03 seconds
      system cpu time
                          0.00 seconds
      memory
                          2004.46k
      OS Memory
                           31788.00k
                           06/30/2023 11:22:38 PM
      Timestamp
      Step Count
                                         32 Switch Count 1
```

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```
0
      Page Faults
      Page Reclaims
                                          309
      Page Swaps
      Voluntary Context Switches
      Involuntary Context Switches
      Block Input Operations
                                          0
      Block Output Operations
                                          360
NOTE: There were 150 observations read from the data set WORK.RAHIMSTORE.
100
           proc seplot data=rahimstore:
              scatter x=Sales_Transaction y=Number_of_items / markerattrs=(color=blue);
101
102
              xaxis label='Sales Transaction';
              yaxis label='Number of items';
103
104
              run:
NOTE: PROCEDURE SGPLOT used (Total process time):
      real time
                           0.10 seconds
      user cpu time
                           0.03 seconds
                           0.01 seconds
      system cpu time
      memory
OS Memory
                           2023,28k
                           31788,00k
                           06/30/2023 11:22:38 PM
      Timestamp
      Step Count
                                          33 Switch Count 1
      Page Faults
                                          0
      Page Reclaims
                                          295
      Page Swaps
      Voluntary Context Switches
                                          133
      Involuntary Context Switches
                                          a
      Block Input Operations
                                          0
      Block Output Operations
                                          384
NOTE: There were 150 observations read from the data set WORK.RAHIMSTORE.
105
           proc sgplot data=rahimstore;
              scatter x=Sales_Transaction y=Number_of_Vehicles / markerattrs=(color=blue);
106
              xaxis label='Sales Transaction';
yaxis label='Number of vehicles';
107
108
109
              run;
NOTE: PROCEDURE SGPLOT used (Total process time):
      real time
                           0.07 seconds
                           0.03 seconds
      user cpu time
      system cpu time
                           0.00 seconds
      memory
                           2019.43k
      OS Memory
                           31788,00k
                           06/30/2023 11:22:38 PM
      Timestamp
      Step Count
                                          34 Switch Count 1
      Page Faults
                                          0
      Page Reclaims
                                          291
      Page Swaps
      Voluntary Context Switches
                                          134
      Involuntary Context Switches
                                          0
      Block Input Operations
      Block Output Operations
                                          360
NOTE: There were 150 observations read from the data set WORK.RAHIMSTORE.
110
            proc sgplot data=rahimstore;
111
              scatter x=Sales_Transaction y=Distance_to_Store / markerattrs=(color=blue);
112
               xaxis label='Sales Transaction';
113
              yaxis label='Distance to store (km)';
114
              run;
NOTE: PROCEDURE SGPLOT used (Total process time):
      real time
                           0.07 seconds
      user cpu time
                           0.03 seconds
                           0.00 seconds
      system cpu time
                           1987.03k
      memory
      OS Memory
                           31788.00k
                           06/30/2023 11:22:39 PM
      Timestamp
      Step Count
                                          35 Switch Count 1
      Page Faults
      Page Reclaims
                                          290
      Page Swaps
      Voluntary Context Switches
                                          134
      Involuntary Context Switches
Block Input Operations
                                          0
                                          0
      Block Output Operations
                                          376
NOTE: There were 150 observations read from the data set WORK.RAHIMSTORE.
115
116
           OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK:
117
127
```

Results: KanishkDataAnalyticsIA.sas

Obs	Observations	Sales_Transaction	Family_Income	Family_Size	Number_of_items	Number_of_Vehicles	Distance_to_Store
1	1	\$357.73	\$172.141	4	65	3	15

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Obs Ol 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 60	Disservation 8 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40	Sales_Trans26t664 \$197.92 \$315.75 \$202.89 \$197.30 \$195.20 \$232.51 \$146.32 \$125.05 \$226.49 \$153.20 \$210.36 \$328.55 \$171.81 \$152.58 \$349.30 \$199.17 \$320.72 \$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$191.03 \$245.99 \$223.94 \$191.26 \$245.99 \$228.94 \$191.03 \$212.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$199.47 \$199.47 \$199.47 \$199.88	Family 146c916 \$86,185 \$145,998 \$79,341 \$77,115 \$73,725 \$88,371 \$75,942 \$70,298 \$75,117 \$84,099 \$133,674 \$140,138 \$79,702 \$71,737 \$111,318 \$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,581 \$81,689 \$80,581 \$80,681 \$81,689 \$70,189	Family_Siz@ 1 3 1 2 2 2 1 1 1 1 2 5 1 1 2 5 1 1 1 1 2 5 1 1 1 1	Number_of_iter89 21 35 42 17 31 39 12 16 35 47 19 21 47 19 21 33 32 45 56 30 28 31 34 49 36 27 12 31 65 33 20 26	Number_of_Vehicles	Distance_to_Storé
4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 47 48 49 50 51 52 53 54 55 56 57 58 59 59 59	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 38	\$315.75 \$202.89 \$197.30 \$195.20 \$232.51 \$146.32 \$125.05 \$226.49 \$153.20 \$210.36 \$328.55 \$171.81 \$152.58 \$349.30 \$199.17 \$320.72 \$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$66.77 \$247.30 \$271.74	\$145,998 \$79,341 \$77,115 \$73,725 \$88,371 \$75,942 \$70,298 \$75,117 \$84,099 \$133,674 \$140,138 \$79,702 \$71,733 \$111,318 \$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	3 1 2 2 1 1 1 1 2 5 1 1 4 1 2 1 1 2 1 1 1 2 1 1 1 1 1 1 1 1	35 42 17 31 39 12 16 35 14 22 47 19 21 53 32 45 56 30 28 31 34 49 36 27 12 12 31 65 33 20	1 2 2 3 3 0 0 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 8 19 2 2 4 4 8 8 8 7 2 2 8 7 7 2 2 7 7 2 2 1 1 1 2 2 1 5 5 1 8 8 5 1 8 8 7 3 3 3 3 3 1 1 1 1 6 7 7
5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 24 25 33 34 43 5 36 37 38 39 40 41 42 43 44 45 46 47 47 48 49 50 51 52 53 54 55 56 57 58 59	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	\$202.89 \$197.30 \$195.20 \$232.51 \$146.32 \$125.05 \$226.49 \$153.20 \$210.36 \$328.55 \$171.81 \$152.58 \$349.30 \$199.17 \$320.72 \$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$254.96 \$193.97 \$105.03 \$110.0	\$79,341 \$77,115 \$73,725 \$88,371 \$75,942 \$70,298 \$75,117 \$84,099 \$133,674 \$140,138 \$79,702 \$71,737 \$111,318 \$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	1 2 2 1 1 1 2 2 1 1 1 1 2 2 3 3 1 1 1 1	42 17 31 39 12 16 35 14 22 47 19 21 53 32 45 56 30 28 31 34 49 36 27 12	2 1 1 1 2 3 0 0 2 2 2 2 1 1 1 1 3 3 2 1 2 1 3 3 2 1 1 2 1 1 2 1 1 1 1	19 2 4 8 8 8 1 1 2 2 1 1 5 2 7 2 2 1 1 2 15 5 18 3 3 3 1 16 7
6	6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	\$197.30 \$195.20 \$232.51 \$146.32 \$125.05 \$226.49 \$153.20 \$210.36 \$328.55 \$171.81 \$152.58 \$349.30 \$199.17 \$320.72 \$3340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$121.66 \$245.99 \$123.94 \$165.03 \$121.66 \$254.96 \$199.37 \$199.47 \$193.08 \$215.28 \$193.94	\$77,115 \$73,725 \$88,371 \$75,942 \$70,292 \$75,117 \$84,099 \$133,674 \$140,138 \$79,702 \$71,737 \$111,318 \$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	2 2 1 1 1 2 2 1 1 1 1 2 2 3 3 1 1 1 1 1	17 31 39 12 16 35 14 22 47 19 21 53 32 45 56 30 28 31 34 49 36 27 12 31 65 33 20	1 1 2 2 3 3 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 4 4 8 8 8 8 8 2 2 8 8 1 1 1 5 5 1 5 5 1 8 1 8 3 3 3 3 1 1 1 1 6 7 7
7 8 9 10 11 11 12 12 13 14 15 16 17 18 19 20 21 12 22 23 24 25 26 27 28 29 30 31 1 32 23 34 40 35 36 37 38 39 40 41 14 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 26 27 28 29 30 31 32 33 34 35 36 37 38	\$195.20 \$232.51 \$146.32 \$125.05 \$226.49 \$153.20 \$210.36 \$328.55 \$171.81 \$152.58 \$349.30 \$199.17 \$320.72 \$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.40 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30 \$271.74	\$73,725 \$88,371 \$75,942 \$70,298 \$75,117 \$84,099 \$133,674 \$140,138 \$79,702 \$71,737 \$111,318 \$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,251 \$142,738 \$92,252 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	2 1 1 1 2 5 1 1 1 1 2 1 1 1 1 1 1 1 1 1	31 39 12 16 35 14 22 47 19 21 53 32 45 56 30 28 31 34 49 36 27 12 31 65 33 32 30 30 30 30 30 30 30 30 30 30	1 2 3 3 0 0 2 2 2 2 1 1 3 3 2 2 2 1 1 3 3 2 2 1 1 2 2 1 1 1 1	4 8 8 8 2 8 8 1 1 2 2 1 5 5 1 8 1 8 3 3 3 3 1 1 1 6 7
8 9 10 11 12 13 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 23 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	8 9 10 11 12 13 14 15 16 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39	\$232.51 \$146.32 \$125.05 \$226.49 \$153.20 \$210.36 \$328.55 \$171.81 \$152.58 \$349.30 \$199.17 \$320.72 \$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$199.47 \$199.47 \$199.08	\$88,371 \$75,942 \$70,298 \$75,117 \$84,099 \$133,674 \$140,138 \$79,702 \$71,737 \$111,318 \$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,251 \$142,738 \$92,252 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,629 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	1 1 2 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	39 12 16 35 14 22 47 19 21 53 32 45 56 30 28 31 34 49 36 27 12 31 65 33 20	2 3 0 2 2 2 2 1 1 1 3 2 2 1 2 1 3 3 2 1 1 2 1 1 2 1 1 1 1	8 8 8 8 8 8 8 8 8 9 2 2 8 8 9 9 9 9 9 9
9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 23 24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 7 48 49 50 51 52 53 54 55 56 57 58 59	9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	\$146.32 \$125.05 \$226.49 \$153.20 \$210.36 \$328.55 \$177.181 \$152.58 \$349.30 \$199.17 \$320.72 \$340.49 \$180.63 \$262.94 \$110.3 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30 \$247.30	\$75,942 \$70,298 \$75,117 \$84,099 \$133,674 \$140,138 \$79,702 \$71,737 \$111,318 \$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,251 \$142,738 \$92,251 \$142,738 \$92,259 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,573 \$82,783 \$82,773 \$82,783 \$80,541 \$81,689	1 1 2 2 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1	12 16 35 14 22 47 19 21 53 32 45 56 30 28 31 34 49 36 27 12	3 0 2 2 2 2 1 1 1 1 3 2 1 2 1 3 3 2 1 1 2 1 1 2 1 1 1 1	8 8 2 2 8 8 1 1 2 2 1 1 1 1 1 1 1 1 1 1
10	10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	\$125.05 \$226.49 \$153.20 \$210.36 \$328.55 \$171.81 \$152.58 \$349.30 \$199.17 \$320.72 \$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30	\$75,942 \$70,298 \$75,117 \$84,099 \$133,674 \$140,138 \$79,702 \$71,737 \$111,318 \$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,251 \$142,738 \$92,251 \$142,738 \$92,259 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,573 \$82,783 \$82,773 \$82,783 \$80,541 \$81,689	1 2 5 5 1 1 1 1 2 2 1 1 1 1 2 2 3 3 1 1 1 1 1 1	16 35 14 22 47 19 21 53 32 45 56 30 28 31 34 49 36 27 12 31 65 33 32	0 2 2 2 2 2 1 1 2 3 3 3 2 2 2 1 3 3 3 2 2 2 1 1 2 2 2 1 1 2 2 1 1 1 2 2 1 1 1 2 1	2 8 8 1 1 2 2 1 5 5 2 2 2 2 1 1 2 2 1 5 5 5 18 8 5 3 3 3 3 3 1 1 16 7 7
11	11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	\$226.49 \$153.20 \$210.36 \$328.55 \$171.81 \$152.58 \$349.30 \$199.17 \$320.72 \$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30	\$70,298 \$75,117 \$84,099 \$133,674 \$140,138 \$79,702 \$71,737 \$111,318 \$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	2 1 2 5 1 1 4 1 1 2 1 1 2 1 1 1 2 3 3 1 1 1 1 1 1 1 1	35 14 22 47 19 21 53 32 45 56 30 28 31 34 49 36 27 12 31 65 33 20	2 2 2 1 1 3 3 2 2 2 1 1 3 2 2 1 1 2 2 1 1 1 1	8 8 1 1 2 2 1 1 5 5 2 2 7 7 2 2 2 1 1 5 5 18 5 18 3 3 3 3 1 1 16 7 7
11	11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	\$226.49 \$153.20 \$210.36 \$328.55 \$171.81 \$152.58 \$349.30 \$199.17 \$320.72 \$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30	\$75,117 \$84,099 \$133,674 \$140,138 \$79,702 \$71,737 \$111,318 \$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	2 1 2 5 1 1 4 1 1 2 1 1 2 1 1 1 2 3 3 1 1 1 1 1 1 1 1	35 14 22 47 19 21 53 32 45 56 30 28 31 34 49 36 27 12 31 65 33 20	2 2 2 1 1 3 3 2 2 2 1 1 3 2 2 1 1 2 2 1 1 1 1	8 8 1 1 2 2 1 1 5 5 2 2 7 7 2 2 2 1 1 5 5 18 5 18 3 3 3 3 1 1 16 7 7
12	12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	\$153.20 \$210.36 \$328.55 \$171.81 \$152.58 \$349.30 \$199.17 \$320.72 \$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$199.47 \$193.08 \$166.77 \$247.30 \$271.74	\$84,099 \$133,674 \$140,138 \$79,702 \$71,737 \$111,318 \$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	1 2 5 5 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1	14 22 47 19 21 53 32 45 56 30 28 31 34 49 36 27 12 31 65 33 20 26	2 2 2 1 1 1 3 3 2 2 2 2 1 1 3 3 2 2 0 0 1 1 2 2 1 1 1 1 1	1 2 2 1 5 5 18 3 3 3 1 1 16 7 7
13	13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	\$210.36 \$328.55 \$171.81 \$152.58 \$349.30 \$199.17 \$320.72 \$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77	\$133,674 \$140,138 \$79,702 \$71,737 \$111,318 \$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783	2 5 1 1 4 1 3 4 1 2 1 1 1 2 3 1 1 1 1 2 3 3 1 1 1 1 1 1	22 47 19 21 53 32 45 56 30 28 31 34 49 36 27 12 31 65 33 20 26	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 5 5 2 2 7 7 2 2 2 1 5 5 5 18 8 5 5 18 3 3 3 3 1 1 16 7 7
14	14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	\$328.55 \$171.81 \$152.58 \$349.30 \$199.17 \$320.72 \$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$199.47	\$140,138 \$79,702 \$71,737 \$111,318 \$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	5 1 1 4 1 3 4 1 2 1 1 1 2 1 1 1 2 3 3 1 1 1 1 1 1 1 1	47 19 21 53 32 45 56 30 28 31 34 49 36 27 12 31 65 33	2 1 1 1 3 2 1 1 2 3 3 3 2 2 1 1 3 2 1 1 2 1 1 1	1 5 2 2 7 7 2 2 2 2 1 1 1 5 5 5 18 3 3 3 3 1 1 16 7 7
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	\$171.81 \$152.58 \$349.30 \$199.17 \$320.72 \$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77	\$79,702 \$71,737 \$111,318 \$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,629 \$92,573 \$80,080 \$82,783 \$80,080	1 1 1 3 3 4 4 1 1 2 2 1 1 1 1 2 2 3 3 1 1 1 1 1 1 1 1	19 21 53 32 45 56 30 28 31 34 49 36 27 12 31 65 33 32 20 26	1 1 3 2 1 2 3 3 3 3 2 2 2 1 1 3 2 0 1 1 2 1 2 1 1 2 1 1 2 1 1 1 1 1 1 1	5 5 2 2 7 7 2 2 2 2 1 1 2 2 1 5 5 1 8 8 3 3 3 3 1 1 1 1 6 7 7
16	16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	\$152.58 \$349.30 \$199.17 \$320.72 \$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30 \$271.74	\$71,737 \$111,318 \$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	1 4 4 1 1 3 3 4 4 1 1 1 1 1 1 1 1 1 1 1	21 53 32 45 56 30 28 31 34 49 36 27 12 31 65 33	1 3 2 1 2 3 3 3 2 2 2 1 1 3 2 0 1 1 2	2 2 2 1 1 5 5 18 3 3 3 3 1 1 16 7
17	17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	\$349.30 \$199.17 \$320.72 \$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30	\$111,318 \$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	4 1 3 4 1 1 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1	53 32 45 56 30 28 31 34 49 36 27 12 31 65 33	3 2 1 1 2 3 3 3 2 2 1 1 1 2 1 1 1	7 2 2 11 2 15 5 18 5 18 3 3 3 1 1 16
18	18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	\$199.17 \$320.72 \$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30 \$271.74	\$87,733 \$118,580 \$145,432 \$92,251 \$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	1 3 4 4 1 2 2 1 1 1 1 2 2 3 3 1 1 1 1 1 1 1 1 1	32 45 56 30 28 31 34 49 36 27 12 31 65 33	2 1 2 3 3 2 2 2 1 3 2 2 0 1 1 2	2 2 2 1 1 2 2 15 5 5 18 5 18 3 3 3 3 3 1 1 16 7 7
19 20 21 22 23 24 25 26 27 28 29 30 31 32 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	\$320.72 \$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30	\$118,580 \$145,432 \$92,251 \$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,552 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	3 4 1 2 1 1 2 1 1 2 3 1 1 1 1 1 1 1 1 1 1 1	45 56 30 28 31 34 49 36 27 12 31 65 33	1 2 3 3 3 2 2 2 1 3 2 0 0 1 1 2	2 1 1 2 1 5 5 1 8 5 1 8 3 3 3 3 3 1 1 1 1 6 7
20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	\$340.49 \$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30	\$145,432 \$92,251 \$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	4 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	56 30 28 31 34 49 36 27 12 31 65 33	2 3 3 2 2 2 1 3 2 0 0 1 1 2 1	1 2 2 15 5 5 18 5 18 3 3 3 3 1 1 16 7 7
21	21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	\$180.63 \$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30	\$92,251 \$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	1 2 1 1 1 1 2 2 3 3 1 1 1 1 1 1 1	30 28 31 34 49 36 27 12 31 65 33 20	3 3 2 2 2 1 3 3 0 0 1 1 2 1 1	2 15 5 18 5 18 3 3 3 1 1 16 7 7
22 23 24 25 26 27 28 29 30 31 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	\$262.94 \$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30	\$142,738 \$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	28 31 34 49 36 27 12 31 65 33 20	3 2 2 1 3 2 0 1 1 2 2	15 5 18 5 18 3 3 3 1 1 16
23	23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	\$191.03 \$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30	\$92,229 \$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	31 34 49 36 27 12 31 65 33 20	2 2 1 3 2 0 1 1 2	5 18 5 18 3 3 3 1 1 16
24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	24 25 26 27 28 29 30 31 32 33 34 35 36 37	\$238.06 \$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30	\$70,334 \$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	1 2 1 1 1 2 2 3 3 1 1 1 1 1 1 1 1	34 49 36 27 12 31 65 33 20	2 1 3 2 0 1 2 1 1	18 5 18 3 3 3 1 1 16
25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 47 48 49 50 51 52 53 54 55 56 57 58 59	25 26 27 28 29 30 31 32 33 34 35 36 37	\$245.99 \$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30	\$125,378 \$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	2 1 1 1 2 2 3 3 1 1 1 1 1 1 1	49 36 27 12 31 65 33 20	1 3 2 0 1 2 1 1	5 18 3 3 3 3 1 1 16
26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	26 27 28 29 30 31 32 33 34 35 36 37	\$223.94 \$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30	\$80,080 \$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	1 1 1 2 3 1 1 1	36 27 12 31 65 33 20	3 2 0 1 2 1 1	18 3 3 3 1 16 7
27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 56 57 58 59	27 28 29 30 31 32 33 34 35 36 37 38	\$165.03 \$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30	\$82,583 \$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	1 1 2 3 1 1 1	27 12 31 65 33 20 26	2 0 1 2 1	3 3 3 1 16
28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	28 29 30 31 32 33 34 35 36 37 38	\$121.66 \$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30	\$74,193 \$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	1 2 3 1 1 1	12 31 65 33 20 26	0 1 2 1 1	3 3 1 16 7
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	29 30 31 32 33 34 35 36 37 38	\$254.96 \$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30	\$135,549 \$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	2 3 1 1 1	31 65 33 20 26	1 2 1	3 1 16 7
30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 50 51 52 53 54 55 56 57 58 59	30 31 32 33 34 35 36 37 38	\$298.88 \$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30	\$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	3 1 1 1 1	65 33 20 26	2 1 1	1 16 7
31 32 33 34 35 36 37 37 38 39 40 41 42 43 44 45 50 51 52 53 54 55 56 57 58 59	31 32 33 34 35 36 37 38	\$215.28 \$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30 \$271.74	\$114,622 \$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	1 1 1	33 20 26	1	16 7
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	32 33 34 35 36 37 38	\$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30 \$271.74	\$92,582 \$79,729 \$92,773 \$82,783 \$80,541 \$81,689	1 1 1	20 26	1	7
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	33 34 35 36 37 38 39	\$193.94 \$189.21 \$199.47 \$193.08 \$166.77 \$247.30 \$271.74	\$92,773 \$82,783 \$80,541 \$81,689	1	20 26	1	7
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	33 34 35 36 37 38 39	\$189.21 \$199.47 \$193.08 \$166.77 \$247.30 \$271.74	\$92,773 \$82,783 \$80,541 \$81,689	1	26		
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35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	35 36 37 38 39	\$193.08 \$166.77 \$247.30 \$271.74	\$80,541 \$81,689		27	3	13
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 57 58 59	36 37 38 39	\$166.77 \$247.30 \$271.74	\$81,689		24	0	8
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	37 38 39	\$247.30 \$271.74		1	19	1	5
38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	38 39	\$271.74	ψ10,100	2	42	1	17
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	39		\$117,565	4	51	1	3
40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59			\$144,983	5	78	3	6
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 56 57 58 59				4	56	2	1
42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59		\$276.48	\$112,576	1			
43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	41	\$149.91	\$91,032		24	2	1
44 45 46 47 48 49 50 51 52 53 54 55 56 57 58	42	\$199.06	\$71,648	2	37	3	4
45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	43	\$248.14	\$121,292	2	40	1	1
46 47 48 49 50 51 52 53 54 55 56 57 58 59	44	\$353.79	\$143,403	4	52	3	7
47 48 49 50 51 52 53 54 55 56 57 58 59	45	\$196.95	\$73,542	1	23	1	6
48 49 50 51 52 53 54 55 56 57 58 59	46	\$174.85	\$83,166	1	31	3	6
49 50 51 52 53 54 55 56 57 58 59	47	\$290.44	\$125,058	3	39	3	1
50 51 52 53 54 55 56 57 58 59	48	\$271.55	\$123,556	3	43	0	1
51 52 53 54 55 56 57 58 59	49	\$150.25	\$84,023	1	17	3	1
52 53 54 55 56 57 58 59	50	\$203.58	\$87,488	1	32	1	12
53 54 55 56 57 58 59	51	\$152.48	\$82,898	1	16	1	2
54 55 56 57 58 59	52	\$208.06	\$90,899	1	38	2	19
55 56 57 58 59	53	\$232.43	\$91,812	1	29	1	15
56 57 58 59	54	\$407.94	\$123,296	5	68	2	4
57 58 59	55	\$179.10	\$75,906	2	29	2	14
58 59	56	\$167.13	\$77,008	1	24	1	6
58 59	57	\$178.46	\$86,762	1	30	3	3
59	58	\$170.56	\$86,909	1	33	1	8
	59	\$431.05	\$127,294	5	88	2	15
30	60	\$184.60	\$82,113	1	24	0	5
61	61	\$163.63	\$83,854	1	19	2	9
62	62	\$184.58	\$82,138	1	27	1	14
63	63	\$300.62	\$116,628	2	43	1	10
64	64			2	33	1	9
		\$234.69	\$93,194				
65	65	\$304.72	\$136,723	5	41	1	1
66	66	\$371.50	\$121,625	5	49	3	2
67	67	\$202.65	\$112,862	2	25	2	2
68	68	\$321.67	\$121,573	3	42	2	13
69	69	\$258.39	\$120,569	2	46	3	2
70	70	\$163.96	\$87,004	1	24	3	2
71	71	\$311.57	\$134,373	2	47	1	1
72	72	\$170.43	\$81,861	1	26	3	5
73	73	\$336.69	\$121,268	3	33	3	2
74	74	\$220.75	\$72,413	1	45	0	13
75	75	\$192.27	\$82,942	1	45	1	14
76	76	\$215.06	\$127,797	2	50	3	9
77		\$211.91	\$73,225	1	41	3	3
78	77	\$270.69	\$120,569	3	50	2	2
79	77 78	\$210.01	\$87,070	2	35	2	6
80		\$139.28	\$85,280	1	17	1	4
81	78 79	\$160.84	\$71,568	1	25	3	2
82	78 79 80	\$337.44	\$112,257	5	52	3	12
82	78 79 80 81	\$337.44 \$200.46		1	52		5
	78 79 80 81 82	. a∠UU.4b	\$74,481			3	
84	78 79 80 81 82 83		\$121,372	2	35	2	2
85	78 79 80 81 82 83	\$244.48	\$119,911	5	49	2	2
86	78 79 80 81 82 83 84	\$244.48 \$317.72	\$74,009	1	33	3	13
87	78 79 80 81 82 83	\$244.48	\$82,628	2	60	1	11

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Obs	Observations	Sales_Transaction	Family_Income	Family_Size	Number_of_items	Number_of_Vehicles	Distance_to_Store
89	89	\$329.03	\$130,818	3	40	2	17
90	90	\$263.50	\$145,252	2	33	2	14
91	91	\$269.67	\$118,201	3	43	1	1
92	92	\$222.79	\$91,021	1	29	1	1
93	93	\$245.12	\$125,745	2	37	3	2
94	94	\$272.12	\$137,562	2	44	1	1
95	95	\$345.92	\$126,541	3	46	2	7
96	96	\$212.01	\$130,137	2	39	1	1
97	97	\$171.74	\$82,585	1	50	3	8
98	98	\$433.44	\$123,674	3	97	1	8
99	99	\$317.22	\$141,302	4	48	3	4
100	100	\$224.79	\$70,046	2	36	3	11
101	101	\$224.79	\$70,046	2	11	1	3
102	102	\$198.75	\$65,508	1	5	0	0
103	103	\$243.60	\$101,351	2	15	0	1
104	104	\$397.87	\$144,531	3	10	1	1
105	105	\$403.20	\$123,457	2	25	2	1
106	106	\$75.00	\$107,443	1	8	0	1
107	107	\$204.35	\$107,359	3	17	2	1
108	108	\$257.89	\$147,031	2	11	1	2
109	109	\$100.07	\$100,000	1	12	1	1
110	110	\$332.56	\$132,422	4	9	2	2
111	111	\$274.65	\$134,071	3	11	2	1
112	112	\$112.35	\$127,275	1	10	1	1
113	113	\$89.56	\$82,087	2	8	1	1
114	114	\$97.85	\$90,543	1	8	0	1
115	115	\$125.45	\$131,337	1	10	1	1
116	116	\$275.68	\$134,087	4	11	1	1
117	117	\$301.20	\$155,117	4	14	3	2
118	118	\$378.43	\$175,879	5	13	3	2
119	119	\$243.89	\$167,453	2	14	1	1
120	120	\$67.45	\$72,003	1	8	0	1
121	121	\$109.87	\$97,511	2	8	1	0
122	122	\$254.45	\$122,335	2	10	1	1
123	123	\$78.64	\$71,765	1	8	1	1
124	124	\$90.12	\$86,543	1	8	1	1
125	125	\$156.75	\$73,008	1	4	1	1
126	126	\$118.23	\$71,193	1	3	0	0
127	127	\$190.20	\$103,012	2	11	1	1
128	128	\$178.23	\$91,861	2	5	0	1
129	129	\$453.40	\$254,500	6	16	4	2
130	130	\$176.98	\$98,725	2	10	1	1
131	131	\$163.34	\$69,750	1	10	1	0
132	132	\$57.39	\$71,250	1	15	0	1
133	133	\$202.09	\$141,235	2	11	1	1
134	134	\$273.45	\$165,450	2	8	1	1
135	135	\$100.01	\$95,500	2	8	1	0
136	136	\$162.84	\$95,532	2	4	1	1
137	137	\$99.45	\$89,765	1	6	1	0
138	138	\$17.89	\$62,712	1	3	2	0
139	139	\$498.23	\$257,678	6	11	5	3
140	140	\$345.67	\$162,141	4	15	3	2
141	141	\$223.56	\$111,345	2	7	2	1
142	142	\$109.87	\$91,324	1	6	1	1
143	143	\$790.31	\$68,793	1	3	0	0
144	144	\$205.30	\$143,723	3	12	2	1
145	145	\$227.89	\$101,345	2	4	1	1
146	146	\$134.89	\$88,234	1	3	1	1
147	147	\$154.32	\$93,532	1	4	0	1
148	148	\$302.46	\$172,500	4	15	3	3
149	149	\$203.65	\$172,500	2	15	2	1
1-70	149	\$188.12	\$165,450	4	10	3	1

The CONTENTS Procedure

Data Set Name	WORK.RAHIMSTORE	Observations	150
Member Type	DATA	Variables	7
Engine	V9	Indexes	0
Created	06/30/2023 19:22:35	Observation Length	56
Last Modified	06/30/2023 19:22:35	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	150					
Number of Data Set Repairs	0					
Filename	/saswork/SAS_work2A5F00000A98_odaws02-usw2.oda.sas.com/SAS_workAD8100000A98_odaws02-usw2.oda.sas.com/rahimstore.sas7bdat					

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Engine/Host Dependent Information						
Release Created	9.0401M7					
Host Created	Linux					
Inode Number	1610728780					
Access Permission	TW-FF					
Owner Name	u59513296					
File Size	256KB					
File Size (bytes)	262144					

	Alphabetic List of Variables and Attributes								
#	Variable	Type	Len	Format	Label				
7	Distance_to_Store	Num	8	BEST.	Distance_to_Store				
3	Family_Income	Num	8	NLMNY15.	Family_Income				
4	Family_Size	Num	8	BEST.	Family_Size				
6	Number_of_Vehicles	Num	8	BEST.	Number_of_Vehicles				
5	Number_of_items	Num	8	BEST.	Number_of_items				
1	Observations	Num	8	15.	Observations				
2	Sales_Transaction	Num	8	NLMNY15.2	Sales_Transaction				

The FREQ Procedure

The FREQ Procedure									
Sales_Transaction									
Sales_Transaction Frequency Percent Cumulative Cumulative Percent Prequency Preq									
\$17.89	1	0.67	1	0.6					
\$57.39	1	0.67	2	1.33					
\$67.45	1	0.67	3	2.00					
\$75.00	1	0.67	4	2.6					
\$78.64	1	0.67	5	3.33					
\$89.56	1	0.67	6	4.0					
\$90.12	1	0.67	7	4.6					
\$97.85	1	0.67	8	5.3					
\$99.45	1	0.67	9	6.0					
\$100.01	1	0.67	10	6.6					
\$100.07	1	0.67	11	7.3					
\$109.87	2	1.33	13	8.6					
\$112.35	1	0.67	14	9.3					
\$118.23	1	0.67	15	10.0					
\$121.66	1	0.67	16	10.6					
\$125.05	1	0.67	17	11.3					
\$125.45	1	0.67	18	12.0					
\$134.89	1	0.67	19	12.6					
\$139.28	1	0.67	20	13.3					
\$146.32	1	0.67	21	14.0					
	1	0.67	22	14.6					
\$149.91 \$150.25				15.3					
	1	0.67	23						
\$152.48	1	0.67	24	16.0					
\$152.58	1	0.67	25	16.6					
\$153.20	1	0.67	26	17.3					
\$154.32	1	0.67	27	18.0					
\$156.75	1	0.67	28	18.6					
\$160.84	1	0.67	29	19.3					
\$162.84	1	0.67	30	20.0					
\$163.34	1	0.67	31	20.6					
\$163.63	1	0.67	32	21.3					
\$163.96	1	0.67	33	22.0					
\$165.03	1	0.67	34	22.6					
\$166.77	1	0.67	35	23.3					
\$167.13	1	0.67	36	24.0					
\$170.43	1	0.67	37	24.6					
\$170.56	1	0.67	38	25.3					
\$171.74	1	0.67	39	26.0					
\$171.81	1	0.67	40	26.6					
\$174.85	1	0.67	41	27.3					
\$176.98	1	0.67	42	28.0					
\$178.23	1	0.67	43	28.6					
\$178.46	1	0.67	44	29.3					
\$179.10	1	0.67	45	30.0					
\$180.63	1	0.67	46	30.6					
\$184.58	1	0.67	47	31.3					
\$184.60	1	0.67	48	32.0					
\$188.12	1	0.67	49	32.6					
\$189.21	1	0.67	50	33.3					
\$190.20	1	0.67	51	34.0					
\$191.03	1	0.67	52	34.6					
\$192.27	1	0.67	53	35.3					
\$193.08	1	0.67	54	36.0					
\$193.00	1	0.67	55	36.6					
\$193.94 \$195.20									
	1	0.67	56	37.3					
\$196.95	1	0.67	57	38.0					
\$197.30	1	0.67	58	38.6					
\$197.92	1	0.67	59	39.3					
\$198.75	1	0.67	60	40.0					
\$199.06	1	0.67	61	40.6					
\$199.17	1	0.67	62	41.3					

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Program Summary - KanishkDataAr							
	Sales_	Transaction		Communications			
Sales_Transaction	Frequency	Percent	Cumulative Frequency	Cumulative Percent			
\$199.47	1	0.67	63	42.00			
\$200.46	1	0.67	64	42.67			
\$202.09	1	0.67	65	43.33			
\$202.65 \$202.89	1	0.67	66	44.00 44.67			
\$202.89	1	0.67	68	45.33			
\$203.65	1	0.67	69	46.00			
\$204.35	1	0.67	70	46.67			
\$205.30	1	0.67	71	47.33			
\$208.06	1	0.67	72	48.00			
\$210.01	1	0.67	73	48.67			
\$210.36	1	0.67	74	49.33			
\$211.91	1	0.67	75 76	50.00			
\$212.01 \$212.06	1	0.67	77	50.67 51.33			
\$215.06	1	0.67	78	52.00			
\$215.28	1	0.67	79	52.67			
\$220.75	1	0.67	80	53.33			
\$222.79	1	0.67	81	54.00			
\$223.56	1	0.67	82	54.67			
\$223.94	1	0.67	83	55.33			
\$224.79	2	1.33	85	56.67			
\$226.49	1	0.67	86	57.33			
\$227.89 \$232.43	1	0.67	87 88	58.00 58.67			
\$232.43 \$232.51	1	0.67	89	59.33			
\$232.51	1	0.67	90	60.00			
\$235.11	1	0.67	91	60.67			
\$238.06	1	0.67	92	61.33			
\$243.60	1	0.67	93	62.00			
\$243.89	1	0.67	94	62.67			
\$244.48	1	0.67	95	63.33			
\$245.12	1	0.67	96	64.00			
\$245.99	1	0.67	97	64.67			
\$247.30	1	0.67	98	65.33			
\$248.14 \$254.45	1	0.67	100	66.00 66.67			
\$254.96	1	0.67	101	67.33			
\$257.89	1	0.67	102	68.00			
\$258.39	1	0.67	103	68.67			
\$261.14	1	0.67	104	69.33			
\$262.94	1	0.67	105	70.00			
\$263.50	1	0.67	106	70.67			
\$269.67	1	0.67	107	71.33			
\$270.69	1	0.67	108	72.00			
\$271.55	1	0.67	109	72.67			
\$271.74	1	0.67	110	73.33			
\$272.12 \$273.45	1	0.67	112	74.00 74.67			
\$274.65	1	0.67	113	75.33			
\$275.68	1	0.67	114	76.00			
\$276.48	1	0.67	115	76.67			
\$276.84	1	0.67	116	77.33			
\$290.44	1	0.67	117	78.00			
\$298.88	1	0.67	118	78.67			
\$300.62 \$301.20	1	0.67	119	79.33 80.00			
\$301.20	1	0.67	121	80.67			
\$304.72	1	0.67	122	81.33			
\$311.57	1	0.67	123	82.00			
\$315.75	1	0.67	124	82.67			
\$317.22	1	0.67	125	83.33			
\$317.72	1	0.67	126	84.00			
\$320.72	1	0.67	127	84.67			
\$321.67	1	0.67	128	85.33			
\$328.55	1	0.67	129	86.00			
\$329.03 \$332.56	1	0.67	130	86.67 87.33			
\$336.69	1	0.67	132	88.00			
\$337.44	1	0.67	133	88.67			
\$340.49	1	0.67	134	89.33			
\$345.67	1	0.67	135	90.00			
\$345.92	1	0.67	136	90.67			
\$349.30	1	0.67	137	91.33			
\$353.79	1	0.67	138	92.00			
\$357.73 \$371.50	1	0.67	139	92.67			
\$371.50 \$378.43	1	0.67	140	93.33			
\$376.43	1	0.67	141	94.00			
\$403.20	1	0.67	143	95.33			
\$407.94	1	0.67	144	96.00			
\$431.05	1	0.67	145	96.67			
\$433.44	1	0.67	146	97.33			
\$433.71	1	0.67	147	98.00			

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Program Summary - KanishkDataAnalyticsIA.sas

Sales_Transaction									
Sales_Transaction	Frequency	Percent	Cumulative Frequency	Cumulative Percent					
\$453.40	1	0.67	148	98.67					
\$498.23	1	0.67	149	99.33					
\$790.31	1	0.67	150	100.00					

The MEANS Procedure

Variable	Label	Minimum	Maximum	Mean	Median	Mode	Skewness
Observations	Observations	1.0000000	150.0000000	75.5000000	75.5000000		0
Sales_Transaction	Sales_Transaction	17.8900000	790.3100000	230.3632014	211.9597152	109.8700000	1.5288446
Family Income	Family Income	62712.00	257678.00	106889.93	95516.00	70046.00	1.4577758
Family Size	Family Size	1.0000000	6.0000000	2.0800000	2.0000000	1.0000000	1.1840435
Number of items	Number of items	3.0000000	97.0000000	27.9933333	26.5000000	8.0000000	0.8447895
Number of Vehicles	Number of Vehicles	0	5.0000000	1.6533333	1.5000000	1.0000000	0.3057502
Distance_to_Store	Distance_to_Store	0	19.0000000	4.8266667	2.0000000	1.0000000	1.2659385

The UNIVARIATE Procedure Variable: Observations (Observations)

Moments						
N	150	Sum Weights	150			
Mean	75.5	Sum Observations	11325			
Std Deviation	43.445368	Variance	1887.5			
Skewness	0	Kurtosis	-1.2			
Uncorrected SS	1136275	Corrected SS	281237.5			
Coeff Variation	57.5435338	Std Error Mean	3.54729944			

Basic Statistical Measures					
Location Variability					
Mean	75.50000	Std Deviation	43.44537		
Median	75.50000	Variance	1888		
Mode		Range	149.00000		
		Interquartile Range	75.00000		

Tests for Location: Mu0=0					
Test	Statistic p Value				
Student's t	t	21.2838	Pr > t	<.0001	
Sign	М	75	Pr >= M	<.0001	
Signed Rank	s	5662.5	Pr >= S	<.0001	

Quantiles (Definition 5)			
Level	Quantile		
100% Max	150.0		
99%	149.0		
95%	143.0		
90%	135.5		
75% Q3	113.0		
50% Median	75.5		
25% Q1	38.0		
10%	15.5		
5%	8.0		
1%	2.0		
0% Min	1.0		

Extreme Observations					
Low	est	High	est		
Value	Obs	Value	Obs		
1	1	146	146		
2	2	147	147		
3	3	148	148		
4	4	149	149		
5	5	150	150		

The UNIVARIATE Procedure Variable: Sales_Transaction (Sales_Transaction)

Moments					
N	150	150 Sum Weights			
Mean	230.363201	Sum Observations	34554.4802		
Std Deviation	98.2322083	Variance	9649.56675		
Skewness	1.5288446	Kurtosis	6.34931129		
Uncorrected SS	9397866.13	Corrected SS	1437785.45		
Coeff Variation	42.6423178	Std Error Mean	8.02062622		

Basic Statistical Measures					
Loc	Location Variability				
Mean	230.3632	Std Deviation	98.23221		
Median	211.9597	Variance	9650		
Mode	109.8700	Range	772.42000		
		Interquartile Range	104.09384		

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Note: The mode displayed is the smallest of 2 modes with a count of 2.

Tests for Location: Mu0=0					
Test	Statistic p Value				
Student's t	t 28.72135		Pr > t	<.0001	
Sign	М	75	Pr >= M	<.0001	
Signed Rank	S	5662.5	Pr >= S	<.0001	

Quantiles (Definition 5)			
Level	Quantile		
100% Max	790.310		
99%	498.230		
95%	403.200		
90%	345.793		
75% Q3	274.650		
50% Median	211.960		
25% Q1	170.556		
10%	119.944		
5%	97.850		
1%	57.390		
0% Min	17.890		

Extreme Observations					
Low	est	Highe	st		
Value	Obs	Value	Obs		
17.89	138	433.443	98		
57.39	132	433.709	39		
67.45	120	453.400	129		
75.00	106	498.230	139		
78.64	123	790.310	143		

The UNIVARIATE Procedure Variable: Family_Income (Family_Income)

Moments					
N	150 Sum Weights		150		
Mean	106889.933	Sum Observations	16033490		
Std Deviation	33056.9741	Variance	1092763537		
Skewness	1.45777583	Kurtosis	3.91034219		
Uncorrected SS	1.87664E12	Corrected SS	1.62822E11		
Coeff Variation	30.9261809	Std Error Mean	2699.09063		

Basic Statistical Measures				
Location Variability				
Mean	106889.9	Std Deviation	33057	
Median	95516.0	Variance	1092763537	
Mode	70046.0	Range	194966	
		Interquartile Range	45162	

Note: The mode displayed is the smallest of 3 modes with a count of 2.

Tests for Location: Mu0=0					
Test	Statistic p Value				
Student's t	t	39.6022	Pr > t	<.0001	
Sign	М	75	Pr >= M	<.0001	
Signed Rank	s	5662.5	Pr >= S	<.0001	

Quantiles (Definition 5)			
Level	Quantile		
100% Max	257678		
99%	254500		
95%	165450		
90%	145118		
75% Q3	127275		
50% Median	95516		
25% Q1	82113		
10%	71884		
5%	70298		
1%	65508		
0% Min	62712		

Extreme Observations				
Low	Lowest		est	
Value	Value Obs		Obs	
62712	138	172141	1	
65508	102	172500	148	
68793	143	175879	118	
69750	131	254500	129	
70046	101	257678	139	

The UNIVARIATE Procedure Variable: Family_Size (Family_Size)

Moments						
N	150	Sum Weights	150			
Mean	2.08	Sum Observations	312			
Std Deviation	1.28240546	Variance	1.64456376			
Skewness	1.18404355	Kurtosis	0.56350855			
Uncorrected SS	894	Corrected SS	245.04			
Coeff Variation	61.6541086	Std Error Mean	0.10470797			

	Basic Statistical Measures				
Loc	Location Variability				
Mean	2.080000	Std Deviation	1.28241		
Median	2.000000	Variance	1.64456		
Mode	1.000000	Range	5.00000		
		Interquartile Range	2.00000		

Tests for Location: Mu0=0					
Test	Statistic p Value				
Student's t	t 19.86477		Pr > t	<.0001	
Sign	М	75	Pr >= M	<.0001	
Signed Rank	s	5662.5	Pr >= S	<.0001	

Quantiles (Definition 5)		
Level	Quantile	
100% Max	6	
99%	6	
95%	5	
90%	4	
75% Q3	3	
50% Median	2	
25% Q1	1	
10%	1	
5%	1	
1%	1	
0% Min	1	

Extreme Observations					
Low	est				
Value	Obs	Value	Obs		
1	147	5	82		
1	146	5	85		
1	143	5	118		
1	142	6	129		
1	138	6	139		

The UNIVARIATE Procedure Variable: Number_of_items (Number_of_items)

Moments						
N	150	150 Sum Weights				
Mean	27.9933333	Sum Observations	4199			
Std Deviation	18.1564774	Variance	329.657673			
Skewness	0.84478946	Kurtosis	0.9468464			
Uncorrected SS	166663	Corrected SS	49118.9933			
Coeff Variation	64.8600052	Std Error Mean	1.48247018			

Basic Statistical Measures				
Location Variability				
Mean	27.99333	Std Deviation	18.15648	
Median	26.50000	Variance	329.65767	
Mode	8.00000	Range	94.00000	
		Interquartile Range	29.00000	

Tests for Location: Mu0=0					
Test	Statistic p Value				
Student's t	t	18.8829	Pr > t	<.0001	
Sign	М	75	Pr >= M	<.0001	
Signed Rank	s	5662.5	Pr >= S	<.0001	

Quantiles (Definition 5)				
Level	Quantile			
100% Max	97.0			
99%	88.0			
95%	56.0			
90%	50.0			
75% Q3	41.0			
50% Median	26.5			
25% Q1	12.0			
10%	8.0			
5%	4.0			
1%	3.0			
0% Min	3.0			

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Extreme Observations				
Low	High	est		
Value	Obs	Value	Obs	
3	146	65	30	
3	143	68	54	
3	138	78	39	
3	126	88	59	
4	147	97	98	

The UNIVARIATE Procedure Variable: Number_of_Vehicles (Number_of_Vehicles)

Moments						
N	150	Sum Weights	150			
Mean	1.65333333	Sum Observations	248			
Std Deviation	1.00992834	Variance	1.01995526			
Skewness	0.30575021	Kurtosis	-0.385151			
Uncorrected SS	562	Corrected SS	151.973333			
Coeff Variation	61.0843756	Std Error Mean	0.0824603			

Basic Statistical Measures				
Location Variability				
Mean	1.653333	Std Deviation	1.00993	
Median	1.500000	Variance	1.01996	
Mode	1.000000	Range	5.00000	
		Interquartile Range	1.00000	

Tests for Location: Mu0=0				
Test	p Val	ue		
Student's t	t	20.05005	Pr > t	<.0001
Sign	М	67	Pr >= M	<.0001
Signed Rank	S	4522.5	Pr >= S	<.0001

Quantiles (Definition 5)		
Level	Quantile	
100% Max	5.0	
99%	4.0	
95%	3.0	
90%	3.0	
75% Q3	2.0	
50% Median	1.5	
25% Q1	1.0	
10%	0.0	
5%	0.0	
1%	0.0	
0% Min	0.0	

Extreme Observations					
Low	est	High	est		
Value	Obs	Value Obs			
0	147	3	140		
0	143	3	148		
0	132	3	150		
0	128	4	129		
0	126	5	139		

The UNIVARIATE Procedure Variable: Distance_to_Store (Distance_to_Store)

Moments						
N	150	Sum Weights	150			
Mean	4.82666667	Sum Observations	724			
Std Deviation	5.17576524	Variance	26.7885459			
Skewness	1.26593853	Kurtosis	0.41001904			
Uncorrected SS	7486	Corrected SS	3991.49333			
Coeff Variation	107.232705	Std Error Mean	0.42259946			

	Basic Statistical Measures				
Location Variability					
Mean	4.826667	Std Deviation	5.17577		
Median	2.000000	Variance	26.78855		
Mode	1.000000	Range	19.00000		
		Interquartile Range	7.00000		

Tests for Location: Mu0=0					
Test	Test Statistic		p Va	lue	
Student's t	t	11.42137 Pr > t		<.0001	
Sign	М	71	Pr >= M	<.0001	
Signed Rank	S	5076.5	Pr >= S	<.0001	

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Quantiles (Definition 5)	
Level	Quantile
100% Max	19
99%	19
95%	16
90%	14
75% Q3	8
50% Median	2
25% Q1	1
10%	1
5%	0
1%	0
0% Min	0

Extreme Observations							
Low	est	High	est				
Value	Obs	Value	Obs				
0	143	18	24				
0	138	18	26				
0	137	18	88				
0	135	19	5				
0	131	19	52				

The ANOVA Procedure

	Class Level Information					
Class	Levels	Values				
Family_Income	147	\$62,712 \$65,508 \$88,793 \$69,750 \$70,046 \$70,189 \$70,298 \$70,334 \$71,193 \$71,256 \$71,568 \$71,648 \$71,737 \$71,756 \$72,003 \$72,413 \$73,008 \$73,225 \$73,542 \$73,725 \$74,009 \$74,193 \$74,481 \$75,117 \$75,906 \$75,904 \$77,008 \$77,115 \$79,341 \$79,702 \$79,792 \$80,008 \$60,641 \$81,698 \$20,905 \$82,113 \$82,133 \$82,533 \$82,558 \$82,625 \$82,628 \$82,738 \$83,648 \$83,643 \$84,099 \$85,240 \$86,185 \$86,543 \$86,762 \$86,909 \$87,004 \$87,070 \$87,488 \$87,733 \$88,234 \$88,371 \$89,765 \$90,543 \$90,809 \$91,021 \$91,032 \$91,324 \$91,812 \$91,812 \$91,816 \$92,229 \$92,251 \$92,582 \$92,773 \$93,194 \$93,532 \$95,500 \$95,532 \$95,500 \$95,000 \$121,268 \$121,292 \$121,325 \$113,535 \$103,012 \$107,359 \$107,443 \$111,318 \$111,348 \$111,345 \$111,3				

Number of Observations Read	150
Number of Observations Used	150

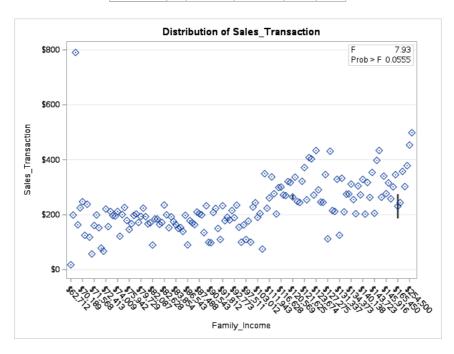
The ANOVA Procedure

Dependent Variable: Sales_Transaction Sales_Transaction

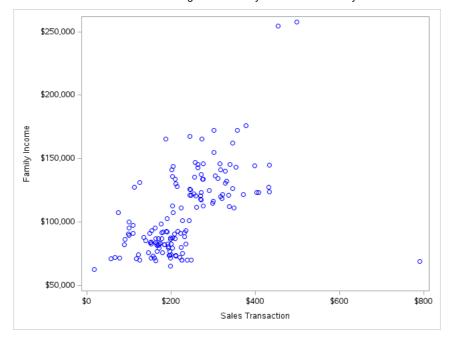
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	146	1434069.195	9822.392	7.93	0.0555
Error	3	3716.251	1238.750		
Corrected Total	149	1437785.446			

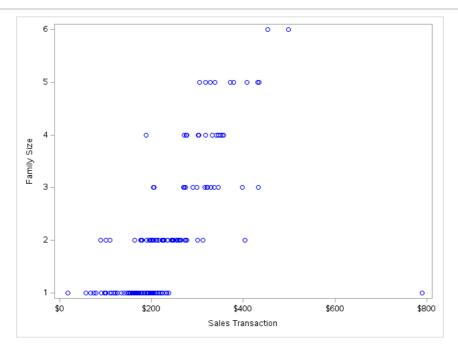
R-Square	Coeff Var	Root MSE	Sales_Transaction Mean	
0.997415	15.27843	35,19589	230.3632	

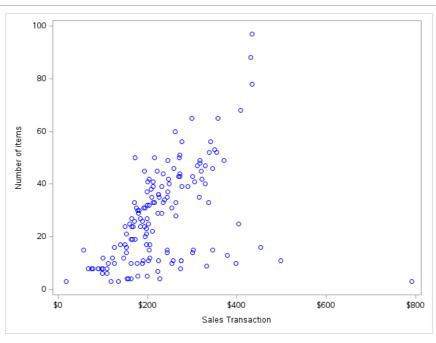
Source	DF	Anova SS	Mean Square	F Value	Pr > F
Family_Income	146	1434069.195	9822.392	7.93	0.0555



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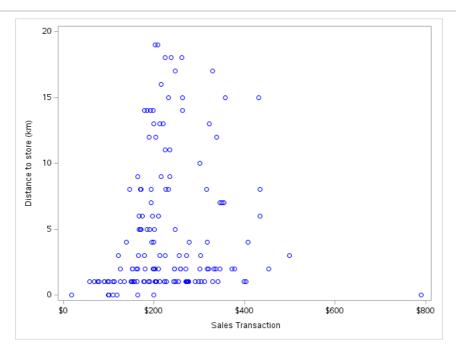






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