

**The SAS System**

<b>Obs</b>	<b>myid</b>	<b>beer</b>
<b>1</b>	1	18705
<b>2</b>	2	20232
<b>3</b>	3	20467
<b>4</b>	4	22123
<b>5</b>	5	25036
<b>6</b>	6	26839
<b>7</b>	7	29640
<b>8</b>	8	30935
<b>9</b>	9	28278
<b>10</b>	10	24235
<b>11</b>	11	22370
<b>12</b>	12	21224
<b>13</b>	13	21061
<b>14</b>	14	19598
<b>15</b>	15	21463
<b>16</b>	16	23287
<b>17</b>	17	24065
<b>18</b>	18	27447
<b>19</b>	19	30413
<b>20</b>	20	32307
<b>21</b>	21	32974
<b>22</b>	22	29973
<b>23</b>	23	23986
<b>24</b>	24	26953
<b>25</b>	25	24250
<b>26</b>	26	23518
<b>27</b>	27	20816
<b>28</b>	28	23743
<b>29</b>	29	25152
<b>30</b>	30	28804
<b>31</b>	31	31158
<b>32</b>	32	31540

<b>33</b>	33	32849
<b>34</b>	34	33748
<b>35</b>	35	31910
<b>36</b>	36	27609
<b>37</b>	37	25170
<b>38</b>	38	24040
<b>39</b>	39	25368
<b>40</b>	40	21260
<b>41</b>	41	24109
<b>42</b>	42	26320
<b>43</b>	43	27701
<b>44</b>	44	34502
<b>45</b>	45	33297
<b>46</b>	46	31252
<b>47</b>	47	35173
<b>48</b>	48	36207
<b>49</b>	49	31511
<b>50</b>	50	28560
<b>51</b>	51	26828
<b>52</b>	52	26660

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### The SAS System

Obs	myid	_TYPE_	_LEAD_	beer
1	1	ACTUAL	0	18705.00
2	1	FORECAST	0	16653.42
3	2	ACTUAL	0	20232.00
4	2	FORECAST	0	17417.60
5	3	ACTUAL	0	20467.00
6	3	FORECAST	0	19408.63
7	4	ACTUAL	0	22123.00
8	4	FORECAST	0	21759.63
9	5	ACTUAL	0	25036.00
10	5	FORECAST	0	24084.39
11	6	ACTUAL	0	26839.00
12	6	FORECAST	0	27292.83
13	7	ACTUAL	0	29640.00
14	7	FORECAST	0	30502.11
15	8	ACTUAL	0	30935.00
16	8	FORECAST	0	32323.49
17	9	ACTUAL	0	28278.00
18	9	FORECAST	0	31422.32
19	10	ACTUAL	0	24235.00
20	10	FORECAST	0	27580.10
21	11	ACTUAL	0	22370.00
22	11	FORECAST	0	23226.83
23	12	ACTUAL	0	21224.00
24	12	FORECAST	0	24190.57
25	13	ACTUAL	0	21061.00
26	13	FORECAST	0	19639.09
27	14	ACTUAL	0	19598.00
28	14	FORECAST	0	20179.70
29	15	ACTUAL	0	21463.00
30	15	FORECAST	0	21225.20
31	16	ACTUAL	0	23287.00
32	16	FORECAST	0	23171.79

<b>33</b>	17	ACTUAL	0	24065.00
<b>34</b>	17	FORECAST	0	25253.00
<b>35</b>	18	ACTUAL	0	27447.00
<b>36</b>	18	FORECAST	0	27717.07
<b>37</b>	19	ACTUAL	0	30413.00
<b>38</b>	19	FORECAST	0	30690.20
<b>39</b>	20	ACTUAL	0	32307.00
<b>40</b>	20	FORECAST	0	32362.64
<b>41</b>	21	ACTUAL	0	32974.00
<b>42</b>	21	FORECAST	0	31439.60
<b>43</b>	22	ACTUAL	0	29973.00
<b>44</b>	22	FORECAST	0	28400.46
<b>45</b>	23	ACTUAL	0	23986.00
<b>46</b>	23	FORECAST	0	25103.96
<b>47</b>	24	ACTUAL	0	26953.00
<b>48</b>	24	FORECAST	0	25899.58
<b>49</b>	25	ACTUAL	0	24250.00
<b>50</b>	25	FORECAST	0	22376.53
<b>51</b>	26	ACTUAL	0	23518.00
<b>52</b>	26	FORECAST	0	22985.23
<b>53</b>	27	ACTUAL	0	20816.00
<b>54</b>	27	FORECAST	0	24366.62
<b>55</b>	28	ACTUAL	0	23743.00
<b>56</b>	28	FORECAST	0	25555.07
<b>57</b>	29	ACTUAL	0	25152.00
<b>58</b>	29	FORECAST	0	27164.60
<b>59</b>	30	ACTUAL	0	28804.00
<b>60</b>	30	FORECAST	0	29449.87
<b>61</b>	31	ACTUAL	0	31158.00
<b>62</b>	31	FORECAST	0	32289.45
<b>63</b>	32	ACTUAL	0	31540.00
<b>64</b>	32	FORECAST	0	33724.71
<b>65</b>	33	ACTUAL	0	32849.00
<b>66</b>	33	FORECAST	0	32321.68
<b>67</b>	34	ACTUAL	0	33748.00

	34	FORECAST	0	28944.74
<b>69</b>	35	ACTUAL	0	31910.00
<b>70</b>	35	FORECAST	0	26113.46
<b>71</b>	36	ACTUAL	0	27609.00
<b>72</b>	36	FORECAST	0	28443.82
<b>73</b>	37	ACTUAL	0	25170.00
<b>74</b>	37	FORECAST	0	24603.16
<b>75</b>	38	ACTUAL	0	24040.00
<b>76</b>	38	FORECAST	0	24898.00
<b>77</b>	39	ACTUAL	0	25368.00
<b>78</b>	39	FORECAST	0	25811.17
<b>79</b>	40	ACTUAL	0	21260.00
<b>80</b>	40	FORECAST	0	27726.08
<b>81</b>	41	ACTUAL	0	24109.00
<b>82</b>	41	FORECAST	0	28339.13
<b>83</b>	42	ACTUAL	0	26320.00
<b>84</b>	42	FORECAST	0	30133.56
<b>85</b>	43	ACTUAL	0	27701.00
<b>86</b>	43	FORECAST	0	32154.82
<b>87</b>	44	ACTUAL	0	34502.00
<b>88</b>	44	FORECAST	0	32651.67
<b>89</b>	45	ACTUAL	0	33297.00
<b>90</b>	45	FORECAST	0	32013.02
<b>91</b>	46	ACTUAL	0	31252.00
<b>92</b>	46	FORECAST	0	28822.47
<b>93</b>	47	ACTUAL	0	35173.00
<b>94</b>	47	FORECAST	0	25372.73
<b>95</b>	48	ACTUAL	0	36207.00
<b>96</b>	48	FORECAST	0	28135.22
<b>97</b>	49	ACTUAL	0	31511.00
<b>98</b>	49	FORECAST	0	26206.70
<b>99</b>	50	ACTUAL	0	28560.00
<b>100</b>	50	FORECAST	0	27561.54
<b>101</b>	51	ACTUAL	0	26828.00
<b>102</b>	51	FORECAST	0	29069.24

	52	ACTUAL	0	26660.00
<b>104</b>	52	FORECAST	0	30554.30
<b>105</b>	53	FORECAST	1	31993.25
<b>106</b>	53	L95	1	25147.09
<b>107</b>	53	U95	1	38839.42
<b>108</b>	54	FORECAST	2	34957.08
<b>109</b>	54	L95	2	27947.20
<b>110</b>	54	U95	2	41966.97
<b>111</b>	55	FORECAST	3	38098.43
<b>112</b>	55	L95	3	30898.56
<b>113</b>	55	U95	3	45298.30
<b>114</b>	56	FORECAST	4	40210.27
<b>115</b>	56	L95	4	32793.63
<b>116</b>	56	U95	4	47626.91
<b>117</b>	57	FORECAST	5	39613.96
<b>118</b>	57	L95	5	31953.60
<b>119</b>	57	U95	5	47274.33
<b>120</b>	58	FORECAST	6	36621.82
<b>121</b>	58	L95	6	28690.90
<b>122</b>	58	U95	6	44552.74
<b>123</b>	59	FORECAST	7	33341.79
<b>124</b>	59	L95	7	25113.85
<b>125</b>	59	U95	7	41569.72
<b>126</b>	60	FORECAST	8	34239.86
<b>127</b>	60	L95	8	25689.00
<b>128</b>	60	U95	8	42790.71
<b>129</b>	61	FORECAST	9	30589.62
<b>130</b>	61	L95	9	21690.66
<b>131</b>	61	U95	9	39488.58
<b>132</b>	62	FORECAST	10	30608.64
<b>133</b>	62	L95	10	21337.20
<b>134</b>	62	U95	10	39880.07
<b>135</b>	63	FORECAST	11	31664.34
<b>136</b>	63	L95	11	21996.94
<b>137</b>	63	U95	11	41331.74

	64	FORECAST	12	33453.64
<b>139</b>	64	L95	12	23367.68
<b>140</b>	64	U95	12	43539.60

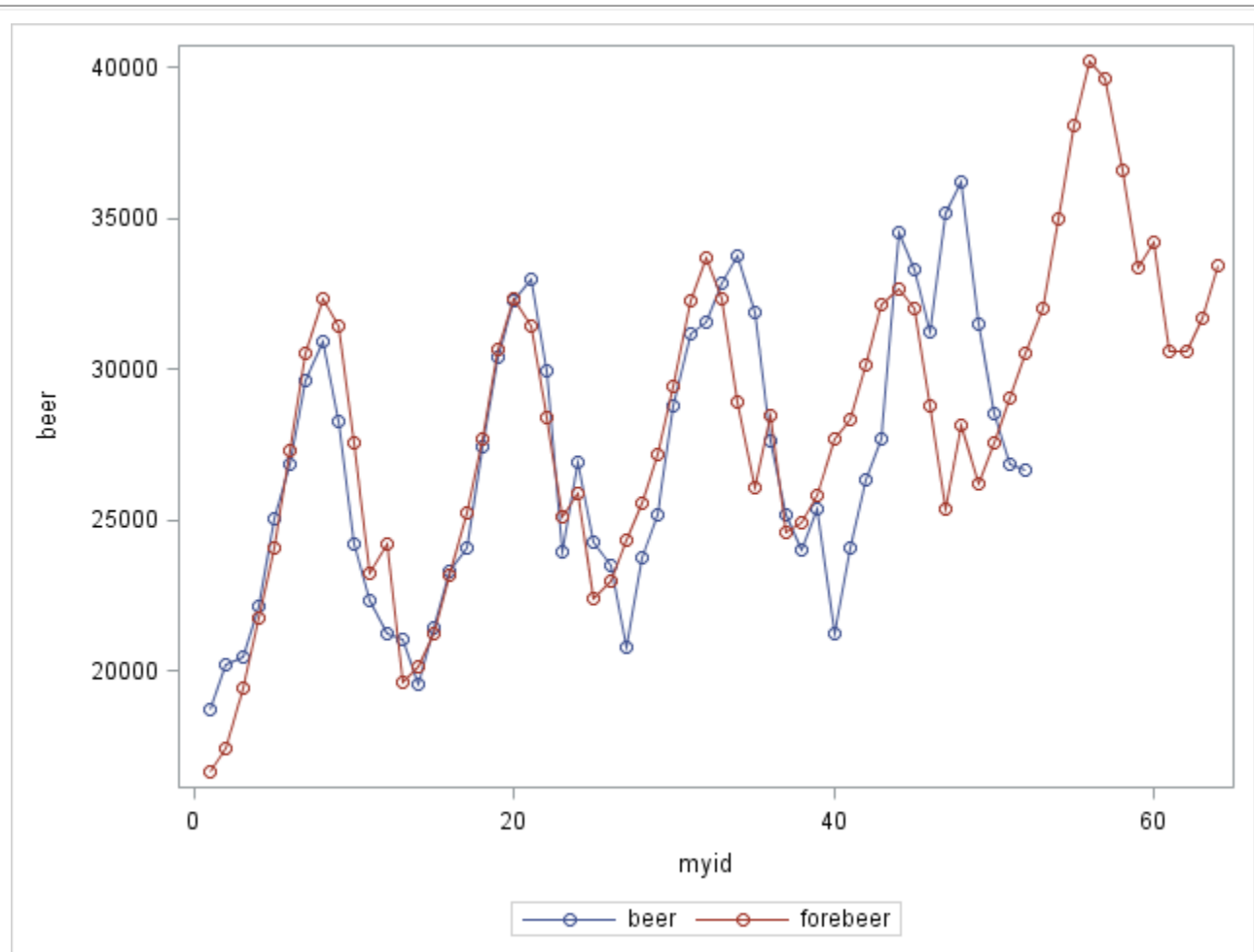
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### The SAS System

Obs	myid	beer	forebeer
1	1	18705	16653.42
2	2	20232	17417.60
3	3	20467	19408.63
4	4	22123	21759.63
5	5	25036	24084.39
6	6	26839	27292.83
7	7	29640	30502.11
8	8	30935	32323.49
9	9	28278	31422.32
10	10	24235	27580.10
11	11	22370	23226.83
12	12	21224	24190.57
13	13	21061	19639.09
14	14	19598	20179.70
15	15	21463	21225.20
16	16	23287	23171.79
17	17	24065	25253.00
18	18	27447	27717.07
19	19	30413	30690.20
20	20	32307	32362.64
21	21	32974	31439.60
22	22	29973	28400.46
23	23	23986	25103.96
24	24	26953	25899.58
25	25	24250	22376.53
26	26	23518	22985.23
27	27	20816	24366.62
28	28	23743	25555.07
29	29	25152	27164.60
30	30	28804	29449.87
31	31	31158	32289.45
32	32	31540	33724.71



<b>33</b>	33	32849	32321.68
<b>34</b>	34	33748	28944.74
<b>35</b>	35	31910	26113.46
<b>36</b>	36	27609	28443.82
<b>37</b>	37	25170	24603.16
<b>38</b>	38	24040	24898.00
<b>39</b>	39	25368	25811.17
<b>40</b>	40	21260	27726.08
<b>41</b>	41	24109	28339.13
<b>42</b>	42	26320	30133.56
<b>43</b>	43	27701	32154.82
<b>44</b>	44	34502	32651.67
<b>45</b>	45	33297	32013.02
<b>46</b>	46	31252	28822.47
<b>47</b>	47	35173	25372.73
<b>48</b>	48	36207	28135.22
<b>49</b>	49	31511	26206.70
<b>50</b>	50	28560	27561.54
<b>51</b>	51	26828	29069.24
<b>52</b>	52	26660	30554.30
<b>53</b>	53	.	31993.25
<b>54</b>	54	.	34957.08
<b>55</b>	55	.	38098.43
<b>56</b>	56	.	40210.27
<b>57</b>	57	.	39613.96
<b>58</b>	58	.	36621.82
<b>59</b>	59	.	33341.79
<b>60</b>	60	.	34239.86
<b>61</b>	61	.	30589.62
<b>62</b>	62	.	30608.64
<b>63</b>	63	.	31664.34
<b>64</b>	64	.	33453.64



## The SAS System

### The CONTENTS Procedure

<b>Data Set Name</b>	WORK.MYSPECTRA	<b>Observations</b>	27
<b>Member Type</b>	DATA	<b>Variables</b>	3
<b>Engine</b>	V9	<b>Indexes</b>	0
<b>Created</b>	10/09/2018 17:04:24	<b>Observation Length</b>	24
<b>Last Modified</b>	10/09/2018 17:04:24	<b>Deleted Observations</b>	0
<b>Protection</b>		<b>Compressed</b>	NO
<b>Data Set Type</b>	DATA	<b>Sorted</b>	NO
<b>Label</b>	Spectral Density Estimates		
<b>Data Representation</b>	WINDOWS_64		
<b>Encoding</b>	wlatin1 Western (Windows)		

Engine/Host Dependent Information	
<b>Data Set Page Size</b>	65536
<b>Number of Data Set Pages</b>	1
<b>First Data Page</b>	1
<b>Max Obs per Page</b>	2715
<b>Obs in First Data Page</b>	27
<b>Number of Data Set Repairs</b>	0
<b>ExtendObsCounter</b>	YES
<b>Filename</b>	C:\Users\ska669\AppData\Local\Temp\32\SAS Temporary Files\_TD12392_AC-MEGLADON_\myspectra.sas7bdat
<b>Release Created</b>	9.0401M1
<b>Host Created</b>	X64_DSRV12

Alphabetic List of Variables and Attributes				
#	Variable	Type	Len	Label
1	FREQ	Num	8	Frequency from 0 to PI
2	PERIOD	Num	8	Period
3	P_01	Num	8	Periodogram of beer