2 115 12 1080 3 127 7 845 4 150 9 1522 5 156 6 1047 6 182 11 1979 7 156 12 1822 8 132 10 1253 9 137 9 1297 10 113 9 946 11 137 15 1713 12 117 11 1024 13 137 8 1147 14 153 6 1092 15 117 13 1152 16 126 10 1336 17 170 14 2131 18 182 8 1550 19 162 11 1884 20 184 10 2041 21 143 6 854 22 159 9 1483 23 108 14 1055 <th>Rows</th> <th>Age</th> <th>Bidders</th> <th colspan="2">Price</th>	Rows	Age	Bidders	Price	
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16 126 10 1336 17 170 14 2131 18 182 8 1550 19 162 11 1884 20 184 10 2041 21 143 6 854 22 159 9 1483 23 108 14 1055 24 175 8 1545 25 108 6 729 26 179 9 1792 27 111 15 1175 28 187 8 1593 29 111 7 785 30 115 7 744 31 194 5 1356	15	117	13	1152	
17 170 14 2131 18 182 8 1550 19 162 11 1884 20 184 10 2041 21 143 6 854 22 159 9 1483 23 108 14 1055 24 175 8 1545 25 108 6 729 26 179 9 1792 27 111 15 1175 28 187 8 1593 29 111 7 785 30 115 7 744 31 194 5 1356	16		10	1336	
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21 143 6 854 22 159 9 1483 23 108 14 1055 24 175 8 1545 25 108 6 729 26 179 9 1792 27 111 15 1175 28 187 8 1593 29 111 7 785 30 115 7 744 31 194 5 1356	19	162	11	1884	
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22 159 9 1483 23 108 14 1055 24 175 8 1545 25 108 6 729 26 179 9 1792 27 111 15 1175 28 187 8 1593 29 111 7 785 30 115 7 744 31 194 5 1356	21		6	854	
23 108 14 1055 24 175 8 1545 25 108 6 729 26 179 9 1792 27 111 15 1175 28 187 8 1593 29 111 7 785 30 115 7 744 31 194 5 1356		159	9	1483	
25 108 6 729 26 179 9 1792 27 111 15 1175 28 187 8 1593 29 111 7 785 30 115 7 744 31 194 5 1356					
25 108 6 729 26 179 9 1792 27 111 15 1175 28 187 8 1593 29 111 7 785 30 115 7 744 31 194 5 1356	24	175	8	1545	
27 111 15 1175 28 187 8 1593 29 111 7 785 30 115 7 744 31 194 5 1356	25		6		
27 111 15 1175 28 187 8 1593 29 111 7 785 30 115 7 744 31 194 5 1356		179	9		
28 187 8 1593 29 111 7 785 30 115 7 744 31 194 5 1356	27		15		
29 111 7 785 30 115 7 744 31 194 5 1356					
30 115 7 744 31 194 5 1356	29	111	7		
31 194 5 1356		115			
	31	194	5		
02 100 1 1202	32	168	7	1262	

_	Analyze	
	-Fit	model

NOTE: 10 obtain surface, Click on red duon arrow, select "Factor Profiling", then "Contour Profiler"

Response Price							
Summary of	-it						
RSquare		0.9	60217				
RSquare Adj	RSquare Adj 0.952566						
Root Mean Squ			62215				
Mean of Respon			7.156				
Observations (o	r Sum Wgt	s)	32				
Analysis of V	ariance						
Source DF	Sum of S	Squares	Mea	an Square	F Ratio		
Model 5	460	00584.3		920117	125.5078		
Error 26		90609.9		7331	Prob > F		
C. Total 31	479	91194.2			<.0001		
Parameter Es	timates			The second secon			
Term				Estimate	Std Erro	r t Ratio	Prob> t
Intercept				-1438.882	114.696	-12.55	<.0001
Age				13.046149	0.60962	2 21.40	<.0001
Bidders				97.741224	6.0411	3 16.18	<.0001
(Age-144.938)*(Bidders-9.5	53125)		1.1233921	0.23029	4.88	<.0001
(Age-144.938)*(-0.003711	0.02732	-0.14	0.8930
(Bidders-9.5312	5)*(Bidders	-9.5312	5)	-4.129013	2.13305	3 -1.94	0.0638
Effect Tests							
Source	Nparm	DF	Sum o	f Squares	F Ratio	Prob > F	
Age	1	1	3	357494.1	457.9763	<.0001	
Bidders	1	1	1	919072.7	261.7696	<.0001	
Age*Bidders	1	1		174449.0	23.7956	<.0001	
Age*Age	1	1		135.2	0.0184	0.8930	
Bidders*Bidders	1	1		27470.2	3.7470	0.0638	
l-							
Response P	rice						

Summary of Fit

0.960188 **RSquare** 0.95429 RSquare Adj Root Mean Square Error 84.05138 Mean of Response 1327.156 Observations (or Sum Wgts)

Analysis of Variance

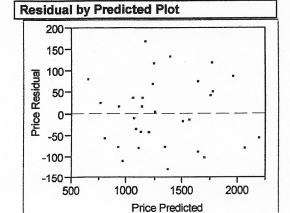
Mean Square F Ratio Source DF Sum of Squares 4600449.1 1150112 162.7986 Model 4 190745.1 7065 Prob > F Error 27 C. Total 31 4791194.2 <.0001

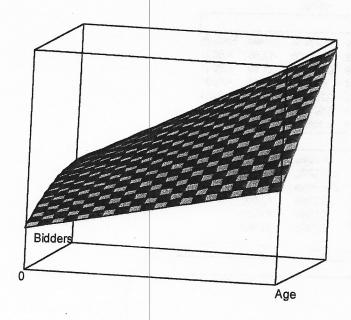
Parameter Estimates

t Ratio Estimate Std Error Prob>|t| Term -1439.735 112.4233 -12.81 <.0001 Intercept <.0001 13.028812 0.585167 22.27 Age 16.64 <.0001 **Bidders** 97.845889 5.881835 (Age-144.938)*(Bidders-9.53125) <.0001 0.217392 5.21 1.1319732 -1.99 (Bidders-9.53125)*(Bidders-9.53125) -4.150164 2.088331 0.0571

Effect Tests

Source	Nparm	DF	Sum of Squares	F Ratio	Prob > F
Age	1	1	3502184.7	495.7348	<.0001
Bidders	1	1	1955011.1	276.7321	<.0001
Age*Bidders	1	1	191547.3	27.1136	<.0001
Bidders*Bidders	1	1	27901.1	3.9494	0.0571





NOTE: In IMP, can click on above surface plot and rotate plot to get different views.