Test	Model	Speed	MPG
1	A	15	25.82
2	B	15	26.64
3	C	15	25.17
4	D	15	22.80
5	E	15	23.01
6	F	15	24.36
7	G	15	23.11
8	H	15	23.77
9	I	15	25.18
10	J	15	24.23
11	A	20	27.30
12	B	20	29.10
13	C	20	28.40
14	D	20	27.60
15	E	20	27.00
16	F	20	27.00
17	G	20	26.00
18	H	20	28.70
19	I	20	27.30
20	J	20	26.60
21	A	25	31.91
22	B	25	32.32
23	C	25	30.71
24	D	25	32.53
25	E	25	31.30
26	F	25	30.86
27	G	25	29.76
28	H	25	31.48
29	I	25	31.41
30	J	25	30.54
31	A	30	31.86
32	B	30	32.28
33	C	30	30.72
34	D	30	31.14
35	E	30	33.12
36	F	30	29.97
37	G	30	30.65
38	H	30	30.70
39	I	30	30.75
40	J	30	31.69
41	A	35	30.29
42	B	35	31.75

43	C	35	30.68
44	D	35	31.30
45	E	35	32.51
46	F	35	**30.49**
47	G	35	30.22
48	H	35	**30.63**
49	I	35	**31.49**
50	J	35	29.81
51	A	40	31.28
52	B	40	33.03
53	C	40	31.80
54	D	40	31.03
55	E	40	31.02
56	F	40	30.57
57	G	40	30.14
58	H	40	30.27
59	I	40	29.64
60	J	40	29.33
61	A	45	32.19
62	B	45	33.17
63	C	45	30.90
64	D	45	33.00
65	E	45	31.05
66	F	45	31.20
67	G	45	30.66
68	H	45	29.64
69	I	45	32.28
70	J	45	32.03
71	A	50	31.23
72	B	50	32.06
73	C	50	31.37
74	D	50	31.30
75	E	50	31.99
76	F	50	**33.05**
77	G	50	31.74
78	H	50	30.84
79	I	50	30.65
80	J	50	32.48
81	A	55	32.17
82	B	55	34.07
83	C	55	32.43
84	D	55	32.72
85	E	55	31.76

86	F	55	32.25
87	G	55	31.43
88	H	55	33.91
89	I	55	32.87
90	J	55	33.44
91	A	60	30.72
92	B	60	32.22
93	C	60	32.50
94	D	60	31.99
95	E	60	31.75
96	F	60	30.41
97	G	60	30.30
98	H	60	32.33
99	I	60	32.69
100	J	60	30.79
101	A	65	27.12
102	B	65	29.38
103	C	65	29.26
104	D	65	26.75
105	E	65	30.85
106	F	65	27.49
107	G	65	25.79
108	H	65	29.50
109	I	65	26.65
110	J	65	28.90
111	A	70	27.45
112	B	70	27.69
113	C	70	26.93
114	D	70	26.46
115	E	70	26.24
116	F	70	25.93
117	G	70	24.12
118	H	70	27.60
119	I	70	27.04
120	J	70	26.81
121	A	75	26.89
122	B	75	26.83
123	C	75	25.61
124	D	75	21.66
125	E	75	24.05
126	F	75	24.84
127	G	75	22.68
128	H	75	25.26

129	I	75	24.38
130	J	75	25.68

	Output	Input 1	Input 2	Input 3
1 ORIGIN				
Where can the original dataset(s) be found? (If multiple, specify which columns come from which dataset)		This dataset is based on values found in the Transportation Energy Book (https://tedb.ornl.gov/)		
When were they accessed?		Unknown - the fuel efficiency data for car models was taken from an Algebra 2 word problem used in many products		
What year(s) is the data from?		Unknown		
Where was the data gathered?		Oak Ridge National Laboratories		
(If applicable:) Where can the datasheet for the original dataset be found?	Cells shaded this color are intentionally left blank.	n/a		
2 MOTIVATION				
For what purpose was the original dataset created?		Reporting on vehicle fuel efficiency		
For what purpose was the derived dataset created?	This dataset was created for students to explore quadratic growth, as part of the Bootstrap Algebra 2 curriculum			
Who created the original dataset (e.g., which company, team, research group, etc.)?		Oak Ridge National Laboratories		
Who created the derived dataset (e.g., which company, team, research group, etc.)?	The Bootstrap Team (https://www.BootstrapWorld.org/)			
Who funded the creation of the original dataset?		US Govt, Dept of Energy		
Who funded the creation of the derived dataset?	The derived dataset was built as part of a National Science Foundation award, in partnership with MA Dept of Education and EDC			
3 COMPOSITION				
Does the dataset contain all possible rows or is it a sample of rows from a larger set?		Unknown		
If it's a sample, describe your sampling process (random, weighted, etc). Is the sample representative of the larger set (e.g., geographic coverage)?		Unknown		
4 DERIVATION PROCESS				
What processes (e.g., cleaning, filtering, labeling) did the derivation process perform?	Data from the original source was included, but this only gave us data for three vehicle models. Data for additional (fictional!) vehicles was extrapolated using a gaussian distribution to generate appropriate numbers			
What information was removed or transformed during derivation that might influence the findings of an analysis (e.g., deleting rows due to missing data, a sampling mechanism that over-samples from a particular group, etc.)?	While no data was removed or transformed, the addition of random, made-up data means that this derived dataset should **absolutely not be used beyond the instructional purposes for which it was created**			
What potential threats to validity would be worth discussing?	The data was created for the express purpose of helping students model quadratic relationships. It was designed to fit a model, not the other way around.			
5 NOTES ON THE COLUMNS				
Any other context that you think would help students, teachers or future curriculum developers?				