

All Possible Models

Model	Number	RSquare	RMSE	Cp
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Length,Width	13	0.7145	3.4901	14.0000
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Width	12	0.7138	3.4742	12.2118
Sports Car,SUV,Wagon,Minivan,All Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Length,Width	12	0.7136	3.4754	12.2678
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Length	12	0.7133	3.4769	12.3448
Sports Car,SUV,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Length,Width	12	0.7132	3.4777	12.3822
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Weight,Wheel Base,Length,Width	12	0.7127	3.4810	12.5488
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Horsepower,Weight,Wheel Base,Length,Width	12	0.7120	3.4852	12.7555
SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Length,Width	12	0.7115	3.4879	12.8902
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Length,Width	12	0.7113	3.4895	12.9737
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Weight,Wheel Base,Length,Width	12	0.7052	3.5259	14.7945
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Wheel Base,Length,Width	12	0.7012	3.5499	16.0097
Sports Car,SUV,Wagon,Minivan,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Length,Width	12	0.7009	3.5516	16.0969
Sports Car,SUV,Wagon,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Length,Width	12	0.6957	3.5825	17.6703
Sports Car,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Length,Width	12	0.6940	3.5923	18.1727
Sports Car,SUV,Wagon,Minivan,All Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Width	11	0.7132	3.4579	10.3832
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base	11	0.7129	3.4599	10.4843
Sports Car,SUV,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Width	11	0.7128	3.4606	10.5222
Sports Car,SUV,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Length	11	0.7123	3.4633	10.6534
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Cylinders,Horsepower,Weight,Wheel Base,Length	11	0.7121	3.4644	10.7118
Sports Car,SUV,Minivan,All Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Length,Width	11	0.7118	3.4664	10.8093
Sports Car,SUV,Wagon,Minivan,All Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Length	11	0.7117	3.4669	10.8376
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Horsepower,Weight,Wheel Base,Width	11	0.7115	3.4684	10.9088
Sports Car,SUV,Minivan,All Wheel,Rear Wheel,Cylinders,Horsepower,Weight,Wheel Base,Length,Width	11	0.7113	3.4692	10.9530
Sports Car,SUV,Wagon,Minivan,All Wheel,Cylinders,Horsepower,Weight,Wheel Base,Length,Width	11	0.7113	3.4695	10.9638
SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Length	11	0.7113	3.4696	10.9713
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Width	11	0.7112	3.4698	10.9787
SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Width	11	0.7111	3.4704	11.0100
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Cylinders,Horsepower,Weight,Wheel Base,Width	11	0.7109	3.4718	11.0819
Sports Car,SUV,Wagon,Minivan,All Wheel,Engine,Horsepower,Weight,Wheel Base,Length,Width	11	0.7109	3.4721	11.0939
SUV,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Length,Width	11	0.7108	3.4721	11.0978
Sports Car,SUV,Wagon,Minivan,All Wheel,Engine,Cylinders,Horsepower,Weight,Length,Width	11	0.7108	3.4727	11.1259
Sports Car,SUV,Minivan,All Wheel,Rear Wheel,Engine,Horsepower,Weight,Wheel Base,Length,Width	11	0.7107	3.4731	11.1467
Sports Car,SUV,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Length,Width	11	0.7102	3.4758	11.2844
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Horsepower,Weight,Wheel Base,Length	11	0.7102	3.4759	11.2849
SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Horsepower,Weight,Wheel Base,Length,Width	11	0.7098	3.4781	11.3997
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Length	11	0.7096	3.4794	11.4650
SUV,Wagon,Minivan,All Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Length,Width	11	0.7094	3.4806	11.5234
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Cylinders,Horsepower,Weight,Length,Width	11	0.7093	3.4816	11.5716
SUV,Wagon,Minivan,All Wheel,Rear Wheel,Cylinders,Horsepower,Weight,Wheel Base,Length,Width	11	0.7091	3.4825	11.6182
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Horsepower,Weight,Length,Width	11	0.7082	3.4882	11.9058
Sports Car,SUV,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base	10	0.7120	3.4456	8.7456
Sports Car,SUV,Minivan,All Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Width	10	0.7117	3.4476	8.8460
Sports Car,SUV,Wagon,Minivan,All Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base	10	0.7116	3.4479	8.8643
Sports Car,SUV,Minivan,All Wheel,Rear Wheel,Cylinders,Horsepower,Weight,Wheel Base,Length	10	0.7110	3.4518	9.0603
SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base	10	0.7109	3.4520	9.0698
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Cylinders,Horsepower,Weight,Wheel Base	10	0.7107	3.4532	9.1305
Sports Car,SUV,Wagon,Minivan,All Wheel,Engine,Cylinders,Horsepower,Weight,Width	10	0.7107	3.4536	9.1514
Sports Car,SUV,Wagon,Minivan,All Wheel,Engine,Horsepower,Weight,Wheel Base,Width	10	0.7107	3.4537	9.1554
SUV,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Length	10	0.7106	3.4539	9.1652
SUV,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Width	10	0.7106	3.4542	9.1824
Sports Car,SUV,Minivan,All Wheel,Rear Wheel,Engine,Horsepower,Weight,Wheel Base,Width	10	0.7104	3.4554	9.2385
Sports Car,SUV,Wagon,Minivan,All Wheel,Cylinders,Horsepower,Weight,Wheel Base,Length	10	0.7102	3.4564	9.2935
Sports Car,SUV,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight,Width	10	0.7102	3.4567	9.3057
Sports Car,SUV,Minivan,All Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Length	10	0.7101	3.4568	9.3136
Sports Car,SUV,Wagon,Minivan,All Wheel,Cylinders,Horsepower,Weight,Wheel Base,Width	10	0.7101	3.4572	9.3291
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Horsepower,Weight,Wheel Base	10	0.7100	3.4577	9.3588
Sports Car,SUV,Minivan,All Wheel,Rear Wheel,Cylinders,Horsepower,Weight,Wheel Base,Width	10	0.7099	3.4579	9.3682
SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Horsepower,Weight,Wheel Base,Width	10	0.7095	3.4604	9.4920
Sports Car,SUV,Wagon,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower,Weight	10	0.7094	3.4611	9.5308
SUV,Wagon,Minivan,All Wheel,Engine,Cylinders,Horsepower,Weight,Wheel Base,Width	10	0.7094	3.4612	9.5361
Sports Car,SUV,Minivan,All Wheel,Engine,Cylinders,Horsepower,Weight,Length,Width	10	0.7093	3.4616	9.5530
Sports Car,SUV,Minivan,All Wheel,Cylinders,Horsepower,Weight,Wheel Base,Length,Width	10	0.7092	3.4621	9.5795
Sports Car,SUV,Minivan,All Wheel,Rear Wheel,Engine,Horsepower,Weight,Wheel Base,Length	10	0.7092	3.4622	9.5839

Model	Number	RSquare	RMSE	Cp
SUV, Wagon, Minivan, All Wheel, Rear Wheel, Engine, Horsepower, Weight, Wheel Base, Length	10	0.7091	3.4627	9.6112
Sports Car, SUV, Wagon, Minivan, All Wheel, Rear Wheel, Cylinders, Horsepower, Weight, Width	10	0.7091	3.4628	9.6172
SUV, Wagon, Minivan, All Wheel, Rear Wheel, Cylinders, Horsepower, Weight, Wheel Base, Length	10	0.7091	3.4629	9.6182
SUV, Minivan, All Wheel, Rear Wheel, Engine, Horsepower, Weight, Wheel Base, Length, Width	10	0.7091	3.4632	9.6354
Sports Car, SUV, Minivan, All Wheel, Engine, Horsepower, Weight, Wheel Base, Length, Width	10	0.7090	3.4638	9.6670
Sports Car, SUV, Minivan, All Wheel, Rear Wheel, Engine, Cylinders, Horsepower, Weight, Length	10	0.7089	3.4643	9.6918
SUV, Wagon, Minivan, All Wheel, Engine, Cylinders, Horsepower, Weight, Wheel Base, Length	10	0.7088	3.4650	9.7276
Sports Car, SUV, Wagon, Minivan, All Wheel, Engine, Cylinders, Horsepower, Weight, Length	10	0.7085	3.4668	9.8153
SUV, Minivan, All Wheel, Rear Wheel, Cylinders, Horsepower, Weight, Wheel Base, Length, Width	10	0.7084	3.4670	9.8281
Sports Car, SUV, Wagon, Minivan, All Wheel, Rear Wheel, Cylinders, Horsepower, Weight, Length	10	0.7084	3.4672	9.8358
Sports Car, SUV, Wagon, Minivan, All Wheel, Engine, Cylinders, Horsepower, Weight, Length, Width	10	0.7084	3.4672	9.8398
SUV, Minivan, All Wheel, Engine, Cylinders, Horsepower, Weight, Wheel Base, Length, Width	10	0.7083	3.4679	9.8714
Sports Car, SUV, Minivan, All Wheel, Rear Wheel, Cylinders, Horsepower, Weight, Length, Width	10	0.7082	3.4685	9.9011
Sports Car, SUV, Wagon, Minivan, All Wheel, Rear Wheel, Engine, Horsepower, Weight, Width	10	0.7080	3.4695	9.9547
Sports Car, SUV, Wagon, Minivan, All Wheel, Engine, Horsepower, Weight, Wheel Base, Length	10	0.7080	3.4697	9.9626
SUV, Wagon, Minivan, All Wheel, Rear Wheel, Cylinders, Horsepower, Weight, Wheel Base, Width	10	0.7078	3.4709	10.0232
SUV, Wagon, Minivan, All Wheel, Engine, Horsepower, Weight, Wheel Base, Length, Width	10	0.7076	3.4717	10.0641
Sports Car, SUV, Wagon, Minivan, All Wheel, Engine, Horsepower, Weight, Length, Width	10	0.7075	3.4725	10.1077
Sports Car, SUV, Minivan, All Wheel, Rear Wheel, Engine, Horsepower, Weight, Length, Width	10	0.7071	3.4747	10.2190
SUV, Wagon, Minivan, All Wheel, Cylinders, Horsepower, Weight, Wheel Base, Length, Width	10	0.7059	3.4820	10.5871
Sports Car, SUV, Wagon, Minivan, All Wheel, Rear Wheel, Engine, Horsepower, Weight, Length	10	0.7056	3.4835	10.6644
SUV, Minivan, All Wheel, Rear Wheel, Engine, Cylinders, Horsepower, Weight, Wheel Base	9	0.7104	3.4360	7.2342
Sports Car, SUV, Minivan, All Wheel, Engine, Cylinders, Horsepower, Weight, Wheel Base	9	0.7101	3.4376	7.3143
Sports Car, SUV, Minivan, All Wheel, Rear Wheel, Cylinders, Horsepower, Weight, Wheel Base	9	0.7098	3.4393	7.3982
Sports Car, SUV, Wagon, Minivan, All Wheel, Cylinders, Horsepower, Weight, Wheel Base	9	0.7096	3.4410	7.4863
Sports Car, SUV, Minivan, All Wheel, Rear Wheel, Engine, Horsepower, Weight, Wheel Base	9	0.7091	3.4437	7.6248
Sports Car, SUV, Minivan, All Wheel, Engine, Cylinders, Horsepower, Weight, Width	9	0.7091	3.4439	7.6355
SUV, Wagon, Minivan, All Wheel, Rear Wheel, Engine, Horsepower, Weight, Wheel Base	9	0.7089	3.4446	7.6699
Sports Car, SUV, Minivan, All Wheel, Engine, Horsepower, Weight, Wheel Base, Width	9	0.7089	3.4447	7.6752
SUV, Minivan, All Wheel, Rear Wheel, Engine, Horsepower, Weight, Wheel Base, Width	9	0.7089	3.4451	7.6946
SUV, Wagon, Minivan, All Wheel, Engine, Cylinders, Horsepower, Weight, Wheel Base	9	0.7088	3.4457	7.7283
Sports Car, SUV, Minivan, All Wheel, Rear Wheel, Engine, Cylinders, Horsepower, Weight	9	0.7086	3.4469	7.7871
Sports Car, SUV, Minivan, All Wheel, Cylinders, Horsepower, Weight, Wheel Base, Width	9	0.7086	3.4469	7.7884
SUV, Minivan, All Wheel, Rear Wheel, Engine, Horsepower, Weight, Wheel Base, Length	9	0.7084	3.4477	7.8266
SUV, Minivan, All Wheel, Rear Wheel, Cylinders, Horsepower, Weight, Wheel Base, Length	9	0.7084	3.4477	7.8286
Sports Car, SUV, Wagon, Minivan, All Wheel, Rear Wheel, Cylinders, Horsepower, Width	9	0.7084	3.4479	7.8361
Sports Car, SUV, Minivan, All Wheel, Cylinders, Horsepower, Weight, Wheel Base, Length	9	0.7084	3.4480	7.8439
Sports Car, SUV, Wagon, Minivan, All Wheel, Cylinders, Horsepower, Weight, Width	9	0.7083	3.4482	7.8551
SUV, Minivan, All Wheel, Engine, Cylinders, Horsepower, Weight, Wheel Base, Width	9	0.7083	3.4486	7.8714
Sports Car, SUV, Minivan, All Wheel, Rear Wheel, Cylinders, Horsepower, Weight, Width	9	0.7081	3.4495	7.9201
Sports Car, SUV, Wagon, Minivan, All Wheel, Engine, Horsepower, Weight, Wheel Base	9	0.7080	3.4503	7.9626
Sports Car, SUV, Wagon, Minivan, All Wheel, Engine, Cylinders, Horsepower, Weight	9	0.7078	3.4516	8.0253
SUV, Wagon, Minivan, All Wheel, Rear Wheel, Cylinders, Horsepower, Weight, Wheel Base	9	0.7077	3.4520	8.0472
SUV, Minivan, All Wheel, Engine, Cylinders, Horsepower, Weight, Wheel Base, Length	9	0.7076	3.4523	8.0625
SUV, Wagon, Minivan, All Wheel, Engine, Horsepower, Weight, Wheel Base, Width	9	0.7076	3.4524	8.0677
Sports Car, SUV, Minivan, All Wheel, Rear Wheel, Cylinders, Horsepower, Weight, Length	9	0.7075	3.4530	8.0969
SUV, Minivan, All Wheel, Rear Wheel, Cylinders, Horsepower, Weight, Wheel Base, Width	9	0.7073	3.4543	8.1658
Sports Car, SUV, Minivan, All Wheel, Engine, Cylinders, Horsepower, Weight, Length	9	0.7073	3.4544	8.1712
Sports Car, SUV, Wagon, Minivan, All Wheel, Engine, Horsepower, Weight, Width	9	0.7071	3.4554	8.2193
Sports Car, SUV, Wagon, Minivan, All Wheel, Cylinders, Horsepower, Weight, Length	9	0.7070	3.4562	8.2615
Sports Car, SUV, Minivan, All Wheel, Rear Wheel, Engine, Horsepower, Weight, Width	9	0.7068	3.4571	8.3085
Sports Car, SUV, Minivan, All Wheel, Cylinders, Horsepower, Weight, Length, Width	9	0.7067	3.4576	8.3327
SUV, Minivan, All Wheel, Engine, Horsepower, Weight, Wheel Base, Length, Width	9	0.7063	3.4600	8.4542
Sports Car, SUV, Minivan, All Wheel, Engine, Horsepower, Weight, Wheel Base, Length	9	0.7063	3.4600	8.4565
SUV, Wagon, Minivan, All Wheel, Engine, Horsepower, Weight, Wheel Base, Length	9	0.7063	3.4605	8.4814
Sports Car, SUV, Minivan, All Wheel, Engine, Horsepower, Weight, Length, Width	9	0.7060	3.4619	8.5551
SUV, Wagon, Minivan, All Wheel, Cylinders, Horsepower, Weight, Wheel Base, Length	9	0.7058	3.4630	8.6095
SUV, Wagon, Minivan, All Wheel, Cylinders, Horsepower, Weight, Wheel Base, Width	9	0.7054	3.4656	8.7447
Sports Car, SUV, Minivan, All Wheel, Rear Wheel, Engine, Horsepower, Weight, Length	9	0.7050	3.4681	8.8730
SUV, Minivan, All Wheel, Rear Wheel, Engine, Horsepower, Weight, Wheel Base	8	0.7083	3.4294	5.8613
Sports Car, SUV, Minivan, All Wheel, Cylinders, Horsepower, Weight, Wheel Base	8	0.7081	3.4309	5.9386
SUV, Minivan, All Wheel, Engine, Cylinders, Horsepower, Weight, Wheel Base	8	0.7076	3.4334	6.0693
Sports Car, SUV, Minivan, All Wheel, Rear Wheel, Cylinders, Horsepower, Weight	8	0.7075	3.4340	6.0977
SUV, Minivan, All Wheel, Rear Wheel, Cylinders, Horsepower, Weight, Wheel Base	8	0.7072	3.4358	6.1934
Sports Car, SUV, Wagon, Minivan, All Wheel, Cylinders, Horsepower, Weight	8	0.7069	3.4378	6.2946
Sports Car, SUV, Minivan, All Wheel, Cylinders, Horsepower, Weight, Width	8	0.7067	3.4385	6.3327
SUV, Minivan, All Wheel, Engine, Horsepower, Weight, Wheel Base, Width	8	0.7063	3.4410	6.4576

Model	Number	RSquare	RMSE	Cp
Sports Car,SUV,Minivan,All Wheel,Engine,Horsepower,Weight,Wheel Base	8	0.7063	3.4413	6.4770
SUV,Wagon,Minivan,All Wheel,Engine,Horsepower,Weight,Wheel Base	8	0.7062	3.4416	6.4882
Sports Car,SUV,Minivan,All Wheel,Engine,Cylinders,Horsepower,Weight	8	0.7062	3.4417	6.4970
Sports Car,SUV,Minivan,All Wheel,Cylinders,Horsepower,Weight,Length	8	0.7056	3.4453	6.6821
SUV,Wagon,Minivan,All Wheel,Cylinders,Horsepower,Weight,Wheel Base	8	0.7054	3.4466	6.7459
Sports Car,SUV,Minivan,All Wheel,Engine,Horsepower,Weight,Width	8	0.7053	3.4472	6.7777
SUV,Minivan,All Wheel,Engine,Horsepower,Weight,Wheel Base,Length	8	0.7050	3.4488	6.8600
Sports Car,SUV,Minivan,All Wheel,Cylinders,Horsepower,Weight	7	0.7053	3.4282	4.7649
SUV,Minivan,All Wheel,Engine,Horsepower,Weight,Wheel Base	7	0.7049	3.4308	4.9011
SUV,Minivan,All Wheel,Cylinders,Horsepower,Weight,Wheel Base	7	0.7043	3.4339	5.0650
Sports Car,SUV,Minivan,All Wheel,Engine,Horsepower,Weight	7	0.7001	3.4584	6.3392
SUV,Minivan,All Wheel,Rear Wheel,Cylinders,Horsepower,Weight	7	0.6991	3.4641	6.6356
SUV,Minivan,All Wheel,Engine,Horsepower,Weight,Length	7	0.6982	3.4694	6.9139
Sports Car,SUV,Minivan,All Wheel,Rear Wheel,Cylinders,Weight	7	0.6980	3.4705	6.9734
Sports Car,SUV,Minivan,All Wheel,Engine,Cylinders,Horsepower	7	0.6978	3.4717	7.0327
SUV,Minivan,All Wheel,Rear Wheel,Engine,Horsepower,Weight	7	0.6977	3.4722	7.0629
SUV,Minivan,All Wheel,Cylinders,Horsepower,Weight,Length	7	0.6967	3.4779	7.3596
Sports Car,SUV,Minivan,All Wheel,Engine,Cylinders,Weight	7	0.6966	3.4784	7.3858
Sports Car,SUV,Minivan,Cylinders,Horsepower,Weight,Wheel Base	7	0.6961	3.4811	7.5294
Sports Car,SUV,Minivan,All Wheel,Rear Wheel,Engine,Weight	7	0.6953	3.4860	7.7832
Sports Car,SUV,Minivan,All Wheel,Cylinders,Horsepower,Length	7	0.6952	3.4866	7.8192
Sports Car,SUV,Wagon,Minivan,All Wheel,Cylinders,Horsepower	7	0.6951	3.4869	7.8316
SUV,Minivan,Engine,Cylinders,Horsepower,Weight,Wheel Base	7	0.6950	3.4876	7.8675
Sports Car,SUV,Wagon,Minivan,All Wheel,Cylinders,Weight	7	0.6949	3.4882	7.9024
SUV,Wagon,Minivan,Cylinders,Horsepower,Weight,Wheel Base	7	0.6949	3.4882	7.9025
SUV,Minivan,All Wheel,Rear Wheel,Engine,Cylinders,Horsepower	7	0.6949	3.4884	7.9118
Sports Car,SUV,Minivan,All Wheel,Cylinders,Horsepower,Width	7	0.6947	3.4892	7.9528
SUV,Minivan,All Wheel,Engine,Cylinders,Horsepower,Wheel Base	7	0.6946	3.4897	7.9814
SUV,Minivan,All Wheel,Rear Wheel,Horsepower,Weight,Wheel Base	7	0.6945	3.4902	8.0073
SUV,Minivan,All Wheel,Engine,Cylinders,Horsepower,Weight	7	0.6944	3.4911	8.0552
Sports Car,SUV,Minivan,All Wheel,Rear Wheel,Cylinders,Horsepower	7	0.6944	3.4913	8.0631
Sports Car,SUV,Minivan,All Wheel,Cylinders,Weight,Wheel Base	7	0.6942	3.4922	8.1144
SUV,Minivan,All Wheel,Rear Wheel,Engine,Weight,Wheel Base	7	0.6942	3.4925	8.1256
Sports Car,SUV,Minivan,All Wheel,Cylinders,Horsepower,Wheel Base	7	0.6940	3.4936	8.1867
SUV,Minivan,Rear Wheel,Cylinders,Horsepower,Weight,Wheel Base	7	0.6938	3.4945	8.2318
SUV,Wagon,Minivan,All Wheel,Cylinders,Horsepower,Weight	7	0.6937	3.4949	8.2550
Sports Car,SUV,Minivan,All Wheel,Cylinders,Weight,Width	7	0.6936	3.4955	8.2852
SUV,Minivan,Cylinders,Horsepower,Weight,Wheel Base,Width	7	0.6936	3.4958	8.3009
SUV,Minivan,Cylinders,Horsepower,Weight,Wheel Base,Length	7	0.6935	3.4965	8.3379
SUV,Minivan,All Wheel,Cylinders,Horsepower,Weight,Width	7	0.6934	3.4966	8.3428
Sports Car,SUV,Minivan,All Wheel,Cylinders,Horsepower	6	0.6936	3.4767	6.2894
SUV,Minivan,Cylinders,Horsepower,Weight,Wheel Base	6	0.6934	3.4777	6.3429
Sports Car,SUV,Minivan,All Wheel,Cylinders,Weight	6	0.6933	3.4787	6.3941
SUV,Minivan,All Wheel,Cylinders,Horsepower,Weight	6	0.6930	3.4802	6.4767
SUV,Minivan,Engine,Horsepower,Weight,Wheel Base	6	0.6914	3.4893	6.9566
SUV,Minivan,All Wheel,Engine,Cylinders,Horsepower	6	0.6911	3.4912	7.0582
Sports Car,SUV,All Wheel,Cylinders,Horsepower,Weight	6	0.6908	3.4927	7.1383
Sports Car,SUV,Minivan,All Wheel,Engine,Horsepower	6	0.6905	3.4945	7.2388
SUV,Minivan,All Wheel,Rear Wheel,Cylinders,Horsepower	6	0.6904	3.4950	7.2632
SUV,Minivan,All Wheel,Rear Wheel,Engine,Horsepower	6	0.6904	3.4951	7.2683
SUV,Minivan,All Wheel,Engine,Horsepower,Weight	6	0.6899	3.4978	7.4128
SUV,Minivan,All Wheel,Engine,Horsepower,Wheel Base	6	0.6893	3.5010	7.5855
SUV,Minivan,All Wheel,Horsepower,Weight,Wheel Base	6	0.6888	3.5040	7.7441
SUV,Minivan,All Wheel,Cylinders,Horsepower,Wheel Base	6	0.6887	3.5045	7.7715
SUV,Wagon,Minivan,All Wheel,Cylinders,Horsepower	6	0.6883	3.5066	7.8852
Minivan,All Wheel,Engine,Horsepower,Weight,Wheel Base	6	0.6883	3.5067	7.8863
SUV,Minivan,All Wheel,Cylinders,Horsepower,Width	6	0.6881	3.5077	7.9415
SUV,All Wheel,Engine,Horsepower,Weight,Wheel Base	6	0.6881	3.5078	7.9469
Sports Car,SUV,Minivan,Cylinders,Horsepower,Weight	6	0.6880	3.5085	7.9837
Sports Car,SUV,Minivan,All Wheel,Engine,Weight	6	0.6877	3.5099	8.0619
SUV,Minivan,All Wheel,Engine,Horsepower,Length	6	0.6877	3.5101	8.0698
Sports Car,SUV,Minivan,All Wheel,Horsepower,Weight	6	0.6876	3.5107	8.1042
SUV,Minivan,All Wheel,Cylinders,Horsepower,Length	6	0.6875	3.5114	8.1380
Sports Car,SUV,All Wheel,Engine,Horsepower,Weight	6	0.6874	3.5120	8.1727
SUV,Minivan,All Wheel,Cylinders,Horsepower	5	0.6874	3.4929	6.1511
SUV,Minivan,All Wheel,Engine,Horsepower	5	0.6855	3.5038	6.7412

Model	Number	RSquare	RMSE	Cp
Sports Car,SUV,All Wheel,Cylinders,Weight	5	0.6830	3.5176	7.4862
All Wheel,Engine,Horsepower,Weight,Wheel Base	5	0.6809	3.5293	8.1228
All Wheel,Engine,Horsepower,Weight,Length	5	0.6796	3.5362	8.5034
SUV,Minivan,Horsepower,Weight,Wheel Base	5	0.6794	3.5375	8.5716
Sports Car,SUV,All Wheel,Engine,Weight	5	0.6793	3.5382	8.6080
SUV,Cylinders,Horsepower,Weight,Wheel Base	5	0.6781	3.5448	8.9728
Sports Car,All Wheel,Engine,Weight,Length	5	0.6780	3.5449	8.9792
Sports Car,All Wheel,Cylinders,Horsepower,Weight	5	0.6780	3.5450	8.9842
SUV,Engine,Horsepower,Weight,Wheel Base	5	0.6776	3.5473	9.1085
SUV,Minivan,All Wheel,Horsepower,Weight	5	0.6774	3.5482	9.1591
Sports Car,SUV,Cylinders,Horsepower,Weight	5	0.6772	3.5494	9.2253
Sports Car,All Wheel,Engine,Weight,Wheel Base	5	0.6770	3.5504	9.2794
Sports Car,SUV,All Wheel,Horsepower,Weight	5	0.6770	3.5508	9.2978
Sports Car,All Wheel,Engine,Horsepower,Weight	5	0.6768	3.5516	9.3438
All Wheel,Cylinders,Horsepower,Weight,Wheel Base	5	0.6768	3.5519	9.3604
Sports Car,SUV,Minivan,Cylinders,Weight	5	0.6767	3.5524	9.3900
SUV,All Wheel,Cylinders,Horsepower,Weight	5	0.6766	3.5529	9.4155
Sports Car,All Wheel,Rear Wheel,Engine,Weight	5	0.6764	3.5538	9.4653
Sports Car,All Wheel,Engine,Cylinders,Weight	5	0.6762	3.5549	9.5235
All Wheel,Rear Wheel,Engine,Weight,Wheel Base	5	0.6760	3.5562	9.5980
Sports Car,All Wheel,Rear Wheel,Cylinders,Weight	5	0.6758	3.5571	9.6477
Sports Car,Minivan,All Wheel,Cylinders,Weight	5	0.6757	3.5579	9.6906
SUV,All Wheel,Engine,Horsepower,Weight	5	0.6753	3.5603	9.8199
SUV,All Wheel,Horsepower,Weight,Wheel Base	5	0.6750	3.5614	9.8834
Minivan,All Wheel,Engine,Weight,Wheel Base	5	0.6749	3.5624	9.9392
Sports Car,All Wheel,Cylinders,Weight,Wheel Base	5	0.6746	3.5639	10.0172
Sports Car,Minivan,All Wheel,Engine,Weight	5	0.6745	3.5642	10.0377
SUV,Engine,Horsepower,Weight,Length	5	0.6742	3.5661	10.1400
Sports Car,All Wheel,Engine,Weight,Width	5	0.6741	3.5664	10.1544
Sports Car,All Wheel,Cylinders,Weight,Length	5	0.6741	3.5667	10.1706
Sports Car,Wagon,All Wheel,Cylinders,Weight	5	0.6732	3.5717	10.4466
SUV,All Wheel,Rear Wheel,Horsepower,Weight	5	0.6731	3.5723	10.4821
Sports Car,All Wheel,Cylinders,Weight,Width	5	0.6729	3.5734	10.5422
Sports Car,SUV,Cylinders,Weight,Wheel Base	5	0.6728	3.5736	10.5534
Sports Car,All Wheel,Cylinders,Weight	4	0.6728	3.5549	8.5643
Sports Car,All Wheel,Engine,Weight	4	0.6717	3.5607	8.8838
Sports Car,SUV,Cylinders,Weight	4	0.6694	3.5730	9.5701
All Wheel,Engine,Weight,Wheel Base	4	0.6688	3.5768	9.7778
SUV,Horsepower,Weight,Wheel Base	4	0.6676	3.5828	10.1173
All Wheel,Horsepower,Weight,Wheel Base	4	0.6667	3.5880	10.4056
All Wheel,Engine,Weight,Length	4	0.6663	3.5900	10.5200
Sports Car,All Wheel,Horsepower,Weight	4	0.6657	3.5933	10.7017
SUV,All Wheel,Horsepower,Weight	4	0.6651	3.5964	10.8787
Engine,Horsepower,Weight,Wheel Base	4	0.6648	3.5982	10.9765
Sports Car,SUV,Horsepower,Weight	4	0.6644	3.6003	11.0951
All Wheel,Engine,Horsepower,Weight	4	0.6642	3.6014	11.1603
Engine,Horsepower,Weight,Length	4	0.6633	3.6058	11.4074
All Wheel,Cylinders,Horsepower,Weight	4	0.6633	3.6060	11.4147
Cylinders,Horsepower,Weight,Wheel Base	4	0.6630	3.6075	11.4981
All Wheel,Rear Wheel,Horsepower,Weight	4	0.6616	3.6151	11.9262
All Wheel,Rear Wheel,Engine,Weight	4	0.6616	3.6152	11.9356
SUV,Minivan,Cylinders,Horsepower	4	0.6613	3.6166	12.0121
Sports Car,SUV,Engine,Weight	4	0.6600	3.6234	12.3991
All Wheel,Horsepower,Weight,Length	4	0.6600	3.6235	12.4005
Sports Car,Engine,Weight,Length	4	0.6600	3.6238	12.4194
SUV,Cylinders,Horsepower,Weight	4	0.6597	3.6253	12.5061
SUV,Engine,Weight,Wheel Base	4	0.6594	3.6269	12.5973
SUV,Horsepower,Weight,Length	4	0.6593	3.6273	12.6154
SUV,Minivan,Horsepower,Weight	4	0.6585	3.6316	12.8627
Sports Car,Engine,Weight,Wheel Base	4	0.6585	3.6318	12.8742
Sports Car,Cylinders,Weight,Wheel Base	4	0.6584	3.6320	12.8864
Cylinders,Horsepower,Weight,Length	4	0.6579	3.6348	13.0454
Engine,Weight,Wheel Base,Length	4	0.6579	3.6349	13.0458
All Wheel,Cylinders,Weight,Wheel Base	4	0.6577	3.6362	13.1210
Sports Car,Cylinders,Weight,Length	4	0.6575	3.6370	13.1694
Minivan,Horsepower,Weight,Wheel Base	4	0.6569	3.6404	13.3590
Minivan,All Wheel,Horsepower,Weight	4	0.6566	3.6420	13.4503
Sports Car,Horsepower,Weight,Wheel Base	4	0.6562	3.6438	13.5534

Model	Number	RSquare	RMSE	Cp
All Wheel,Rear Wheel,Cylinders,Weight	4	0.6558	3.6461	13.6842
Sports Car,All Wheel,Rear Wheel,Weight	4	0.6557	3.6466	13.7110
Horsepower,Weight,Wheel Base,Length	4	0.6552	3.6494	13.8722
Rear Wheel,Horsepower,Weight,Wheel Base	4	0.6550	3.6501	13.9112
SUV,Engine,Horsepower,Weight	4	0.6549	3.6509	13.9601
Wagon,Horsepower,Weight,Wheel Base	4	0.6549	3.6510	13.9620
SUV,All Wheel,Engine,Horsepower	4	0.6548	3.6512	13.9731
Minivan,Engine,Weight,Wheel Base	4	0.6547	3.6518	14.0096
SUV,Engine,Weight,Length	4	0.6545	3.6527	14.0601
Engine,Cylinders,Weight,Wheel Base	4	0.6545	3.6531	14.0815
Horsepower,Weight,Wheel Base,Width	4	0.6544	3.6536	14.1106
SUV,Cylinders,Weight,Wheel Base	4	0.6543	3.6542	14.1444
Horsepower,Weight,Wheel Base	3	0.6543	3.6347	12.1222
All Wheel,Horsepower,Weight	3	0.6532	3.6405	12.4540
Engine,Weight,Wheel Base	3	0.6521	3.6463	12.7892
SUV,Horsepower,Weight	3	0.6494	3.6604	13.5964
Engine,Weight,Length	3	0.6492	3.6618	13.6777
Sports Car,Cylinders,Weight	3	0.6488	3.6637	13.7882
Horsepower,Weight,Length	3	0.6456	3.6801	14.7377
Cylinders,Weight,Wheel Base	3	0.6451	3.6828	14.8951
All Wheel,Engine,Weight	3	0.6448	3.6844	14.9902
Sports Car,Horsepower,Weight	3	0.6426	3.6961	15.6684
Sports Car,All Wheel,Weight	3	0.6423	3.6972	15.7353
Sports Car,Engine,Weight	3	0.6421	3.6985	15.8113
All Wheel,Cylinders,Weight	3	0.6391	3.7141	16.7208
Sports Car,SUV,Weight	3	0.6358	3.7307	17.6951
Cylinders,Weight,Length	3	0.6348	3.7361	18.0144
All Wheel,Rear Wheel,Weight	3	0.6340	3.7399	18.2343
Cylinders,Horsepower,Weight	3	0.6331	3.7445	18.5063
Sports Car,Weight,Wheel Base	3	0.6302	3.7593	19.3810
Engine,Horsepower,Weight	3	0.6300	3.7602	19.4370
SUV,All Wheel,Engine	3	0.6293	3.7640	19.6615
Sports Car,Rear Wheel,Weight	3	0.6279	3.7710	20.0772
Rear Wheel,Horsepower,Weight	3	0.6276	3.7728	20.1853
SUV,Cylinders,Weight	3	0.6271	3.7754	20.3366
Horsepower,Weight,Width	3	0.6267	3.7769	20.4307
Sports Car,Weight,Length	3	0.6257	3.7823	20.7522
Minivan,Horsepower,Weight	3	0.6255	3.7832	20.8053
Wagon,Horsepower,Weight	3	0.6255	3.7834	20.8150
Horsepower,Weight	2	0.6253	3.7649	18.8796
Sports Car,Weight	2	0.6231	3.7758	19.5332
Cylinders,Weight	2	0.6081	3.8502	24.0499
All Wheel,Engine	2	0.6080	3.8505	24.0705
Engine,Weight	2	0.6051	3.8649	24.9568
Weight,Wheel Base	2	0.6048	3.8664	25.0489
Rear Wheel,Weight	2	0.5926	3.9253	28.7027
All Wheel,Weight	2	0.5887	3.9442	29.8851
SUV,Engine	2	0.5862	3.9561	30.6367
Weight,Length	2	0.5799	3.9861	32.5300
SUV,Cylinders	2	0.5790	3.9907	32.8227
SUV,Horsepower	2	0.5749	4.0101	34.0587
SUV,Weight	2	0.5721	4.0229	34.8780
All Wheel,Cylinders	2	0.5663	4.0502	36.6349
Minivan,Weight	2	0.5640	4.0610	37.3308
Weight,Width	2	0.5639	4.0614	37.3561
Wagon,Weight	2	0.5636	4.0627	37.4389
Weight	1	0.5631	4.0444	35.6058
Engine	1	0.5189	4.2440	48.9140
Cylinders	1	0.4844	4.3936	59.3101
Width	1	0.4282	4.6269	76.2380
Horsepower	1	0.4153	4.6789	80.1344
SUV	1	0.2738	5.2141	122.7379
All Wheel	1	0.2110	5.4349	141.6508
Wheel Base	1	0.2000	5.4728	144.9821
Length	1	0.1932	5.4958	147.0118

“Best” Model for Highway MPG

Response: Highway MPG

Summary of Fit

RSquare	0.70486
RSquare Adj	0.682404
Root Mean Square Error	3.430786
Mean of Response	27.7
Observations (or Sum Wgts)	100

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	7	2586.1328	369.448	31.3881
Error	92	1082.8672	11.770	Prob > F
C. Total	99	3669.0000		<.0001

Parameter Estimates

Term	Estimate	Std Error	t Ratio	Prob> t
Intercept	30.735611	6.190658	4.96	<.0001
SUV	-3.147224	1.385628	-2.27	0.0255
Minivan	-3.283013	1.436711	-2.29	0.0246
All Wheel	-2.081883	1.01624	-2.05	0.0433
Engine	-1.654325	0.738966	-2.24	0.0276
Horsepower	-0.022587	0.008684	-2.60	0.0108
Weight	-0.002688	0.001221	-2.20	0.0302
Wheel Base	0.1632806	0.075565	2.16	0.0333

Effect Tests

Source	DF	Sum of Squares	F Ratio	Prob > F
SUV	1	60.722486	5.1590	0.0255
Minivan	1	61.460154	5.2216	0.0246
All Wheel	1	49.397750	4.1968	0.0433
Engine	1	58.990183	5.0118	0.0276
Horsepower	1	79.625798	6.7650	0.0108
Weight	1	57.057943	4.8476	0.0302
Wheel Base	1	54.955450	4.6690	0.0333