

## The GLM Procedure

Class Level Information		
Class	Levels	Values
brand	39	alfa_romeo audi bmw chevrolet chrysler citroen dacia daewoo daihatsu fiat ford honda hyundai jaguar jeep kia lada lancia land_rover mazda mercedes_benz mini mitsubishi nissan opel peugeot porsche renault rover saab seat skoda smart subaru suzuki toyota trabant volkswagen volvo
model	246	100 145 147 156 159 1_reih 1er 200 2_reih 300c 3_reih 3er 4_reih 500 5_reih 5er 601 6_reih 6er 7er 80 850 90 900 9000 911 a1 a2 a3 a4 a5 a6 a8 a_klas accord agila alhambra almera altea amarok andere antara arosa astra astra auras avensi aveo aygo b_klas b_max beetle berlina bora boxste brava c1 c2 c3 c4 c5 c_klas c_max c_reih caddy calibr captiv carism carnivayenn cc ceed charad cherok citigo civic cl clio clk clubma colt combo cooper cordoba corolla cr_rei croma crossf cuore cx_rei defend delta discov doblo ducato duster e_klas elefan eos escort espase exeo fabia fiesta focus forest fortwo fox freela fusion g_klas galant galaxy getz gl glk golf grand i3 i_reih ibiza impreza jazz jetta jimmy juke justy ka kadett kaefer kalina kalos kangoo kappa kuga laguna lancet lanos legacy leon lodgy logan lupo lybra m_klas m_reih materi matiz megane meriva micra mii modus mondeo move musa mustan mx_rei navara niva note nubira octavi omega one outlan pajero panda passat phaeton picanto polo primer ptcrui punto q3 q5 q7 qashqa r19 range_ranger ranger rav rio roadst roomst rx_rei s60 s_klas s_max s_type samara sander santa scenic scirocco seicento serie_sharan signum siron sl slk sorento spark spider sporta sprint stilo superb swift terios tigra tiguan toledo touare touran transp tt tucson twingo up v40 v50 v60 v70 v_klas vectra verso viano vito vivaro voyage wrangler x_reih x_trai x_type xc_rei yaris yeti ypsilon z_reih zafira
vehicleType	8	andere bus cabrio coupe kleinwagen kombi limousine suv
yearOfRegistration	85	1927 1928 1929 1930 1931 1934 1936 1937 1938 1939 1941 1942 1943 1945 1947 1948 1949 1950 1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017
powerPS	588	0 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 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 292 293 294 295 296 298 299 300 301 303 304 305 306 307 308 309 310 311 313 314 315 316 317 318 319 320 321 322 324 325 326 327 328 329 330 331 332 333 334 335 336 338 339 340 341 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 359 360 362 363 364 365 366 367 368 370 371 373 374 375 376 377 379 380 381 382 383 385 386 387 388 390 392 394 396 398 399 400 401 405 407 408 409 411 415 416 417 420 421 424 425 426 428 430 431 432 434 435 436 440 441 443 445 449 450 453 454 455 457 460 462 466 468 470 473 475 476 480 481 483 485 487 489 490 495 500 501 502 504 505 506 507 508 510 514 515 517 518 519 520 521 525 529 530 540 544 545 549 550 551 555 557 560 570 571 572 574 575 579 580 581 584 585 587 589 600 601 603 604 606 610 612 620 625 629 632 640 645 650 651 671 672 676 678 680 685 700 702 703 704 721 740 748 751 754 771 776 801 805 850 851 871 900 903 907 909 950 952 953 998 999 1000 1001 1003 1004 1011 1012 1016 1021 1024 1054 1055 1062 1079 1082 1100 1105 1115 1149 1151 1160 1162 1164 1199 1202 1221 1223 1230 1239 1240 1241 1250 1275 1288 1299 1300 1312 1360 1362 1363 1367 1390 1398 1399 1400 1403 1405 1416 1432 1433 1436 1500 1501 1502 1506 1521 1548 1595 1597 1598 1600 1625 1631 1653 1659 1700 1701 1703 1707 1753 1771 1780 1781 1783 1796 1799 1800 1870 1895 1896 1900 1920 1933 1968 1988 1993 1995 1998 1999 2000 2005 2007 2009 2016 2017 2018 2331 2402 2461 2729 2789 2792 2799
fuelType	7	andere benzin cng diesel elektr hybrid lpg

Number of Observations Read	318914
Number of Observations Used	281290

## The GLM Procedure

**Dependent Variable: l\_price**

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
<b>Model</b>	968	316842.0930	327.3162	1483.80	<.0001
<b>Error</b>	280321	61836.7421	0.2206		
<b>Corrected Total</b>	281289	378678.8351			

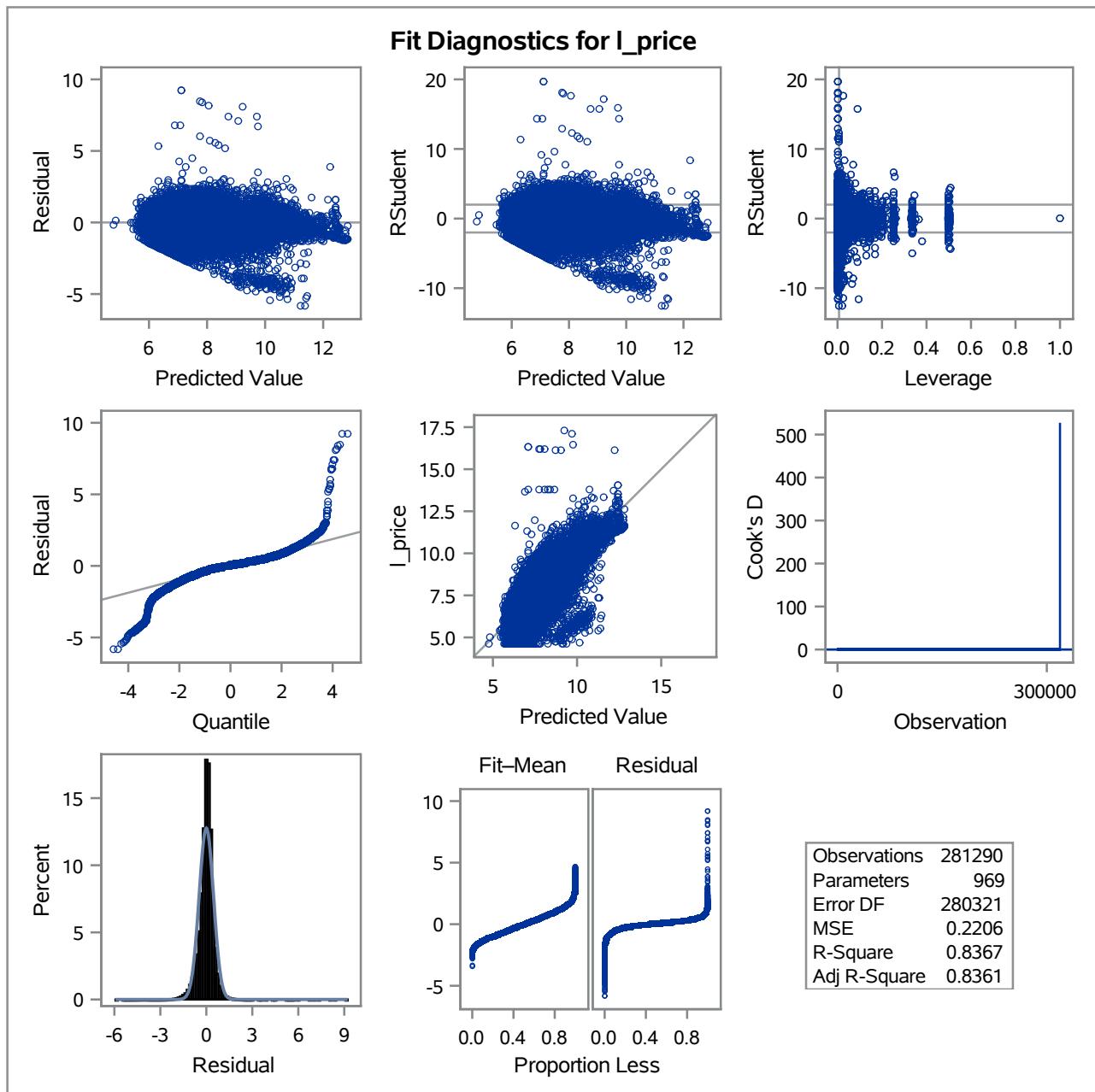
R-Square	Coeff Var	Root MSE	l_price Mean
0.836704	5.744026	0.469673	8.176720

Source	DF	Type I SS	Mean Square	F Value	Pr > F
<b>kilometer</b>	1	71055.3310	71055.3310	322111	<.0001
<b>brand</b>	38	65518.0577	1724.1594	7816.03	<.0001
<b>model</b>	245	56871.1186	232.1270	1052.29	<.0001
<b>vehicleType</b>	7	5385.1449	769.3064	3487.45	<.0001
<b>yearOfRegistration</b>	84	108285.1346	1289.1087	5843.84	<.0001
<b>powerPS</b>	587	9553.5888	16.2753	73.78	<.0001
<b>fuelType</b>	6	173.7174	28.9529	131.25	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
<b>kilometer</b>	1	2777.40583	2777.40583	12590.7	<.0001
<b>brand</b>	38	1847.58551	48.62067	220.41	<.0001
<b>model</b>	245	5807.12271	23.70254	107.45	<.0001
<b>vehicleType</b>	7	2167.32516	309.61788	1403.57	<.0001
<b>yearOfRegistration</b>	84	52480.19486	624.76422	2832.21	<.0001
<b>powerPS</b>	587	9662.04032	16.46003	74.62	<.0001
<b>fuelType</b>	6	173.71744	28.95291	131.25	<.0001

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Dependent Variable: l\_price



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