|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Model** | **LinearReg** | **Seq\_Linear** | **Lasso\_Linear** | **Lasso\_Ridge** | **Ridge\_Grid** |  |
| **total\_coeff** | 22 | 11 | 21 | 21 | 21 |  |
|  |  |  |  |  |  |  |
| **condition** | 627.27 | 641.64 | 627.27 | 627.27 | 627.27 |  |
| **fuel** | -2918.48 | -2913.93 | -2918.48 | -2918.47 | -2918.48 |  |
| **cylinders** | -1659.37 | -1628.08 | -1659.37 | -1659.38 | -1659.37 |  |
| **size** | 332.27 |  | 332.27 | 332.26 | 332.27 |  |
| **title\_status** | -1610.86 | -1611.64 | -1610.86 | -1610.85 | -1610.86 |  |
| **transmission** | 2174.25 | 2254.8 | 2174.25 | 2174.23 | 2174.25 |  |
| **drive** | -4645.89 | -4639.43 | -4645.89 | -4645.85 | -4645.88 |  |
| **paint\_color\_a\_color** | 429.94 | 1031.33 | 922.14 | 916.93 | 921.62 |  |
| **paint\_color\_black** | 736.32 | 1303.68 | 1228.53 | 1223.3 | 1228 |  |
| **paint\_color\_blue** | -693.16 |  | -200.95 | -206.15 | -201.48 |  |
| **paint\_color\_brown** | -644.35 |  | -152.14 | -157.31 | -152.66 |  |
| **paint\_color\_custom** | -670.31 |  | -178.11 | -183.28 | -178.63 |  |
| **paint\_color\_green** | -24.67 |  | 467.54 | 462.22 | 467 |  |
| **paint\_color\_grey** | -1665.49 |  | -1173.28 | -1178.43 | -1173.8 |  |
| **paint\_color\_orange** | -492.21 |  |  |  |  |  |
| **paint\_color\_purple** | -1268.99 |  | -776.78 | -780.05 | -777.11 |  |
| **paint\_color\_red** | 273.82 |  | 766.03 | 760.79 | 765.5 |  |
| **paint\_color\_silver** | -629.52 |  | -137.32 | -142.52 | -137.84 |  |
| **paint\_color\_white** | 1407.09 | 1963.35 | 1899.3 | 1894.06 | 1898.77 |  |
| **paint\_color\_yellow** | 3241.51 |  | 3733.71 | 3725.4 | 3732.88 |  |
| **year** | 1657.03 | 1653.96 | 1657.03 | 1657.03 | 1657.03 |  |
| **odometer** | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 |  |
|  |  |  |  |  |  |  |
| **intercept** | -3300277.32 | -3294564.98 | -3300769.53 | -3300763.25 | -3300768.89 |  |
|  |  |  |  |  |  |  |
| **train\_mse** | 88659680.4 | 88870536.32 | 88659680.42 | 88659680.59 | 88659680.42 |  |
| **test\_mse** | 86261770.9 | 86428473.08 | 86261770.88 | 86261789.74 | 86261772.77 |  |