

OLS Regression Results

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Dep. Variable:    normalized_used_price    R-squared:        0.844
Model:            OLS                    Adj. R-squared:    0.844
Method:           Least Squares          F-statistic:      1088.
Date:             Sat, 25 May 2024        Prob (F-statistic): 0.00
Time:             00:19:37               Log-Likelihood:    120.78
No. Observations: 2417                  AIC:              -215.6
Df Residuals:     2404                  BIC:              -140.3
Df Model:         12
Covariance Type:  nonrobust
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	coef	std err	t	P> t	[0.025	0.975]
const	-0.4173	0.176	-2.367	0.018	-0.763	-0.072
main_camera_mp	0.0197	0.001	15.001	0.000	0.017	0.022
selfie_camera_mp	0.0133	0.001	12.659	0.000	0.011	0.015
ram	0.0235	0.004	5.535	0.000	0.015	0.032
weight	0.0016	5.88e-05	27.168	0.000	0.001	0.002
normalized_new_price	1.2082	0.069	17.631	0.000	1.074	1.343
years_out	-0.0386	0.003	-13.404	0.000	-0.044	-0.033
brand_name_LG	-0.0418	0.021	-1.998	0.046	-0.083	-0.001
brand_name_Others	-0.0368	0.014	-2.637	0.008	-0.064	-0.009
brand_name_Samsung	-0.0472	0.016	-2.895	0.004	-0.079	-0.015
brand_name_Sony	-0.0627	0.030	-2.092	0.037	-0.122	-0.004
brand_name_Xiaomi	0.0745	0.025	2.943	0.003	0.025	0.124
normalized_new_price_sq	-0.0715	0.006	-11.219	0.000	-0.084	-0.059

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Omnibus:            135.716    Durbin-Watson:        1.899
Prob(Omnibus):      0.000    Jarque-Bera (JB):      241.378
Skew:               -0.425    Prob(JB):              3.85e-53
Kurtosis:           4.294    Cond. No.              8.33e+03
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Notes:

- [1] Standard Errors assume that the covariance matrix of the errors is correctly specified.
- [2] The condition number is large, 8.33e+03. This might indicate that there are strong multicollinearity or other numerical problems.