

Exploratory Data Analysis Report

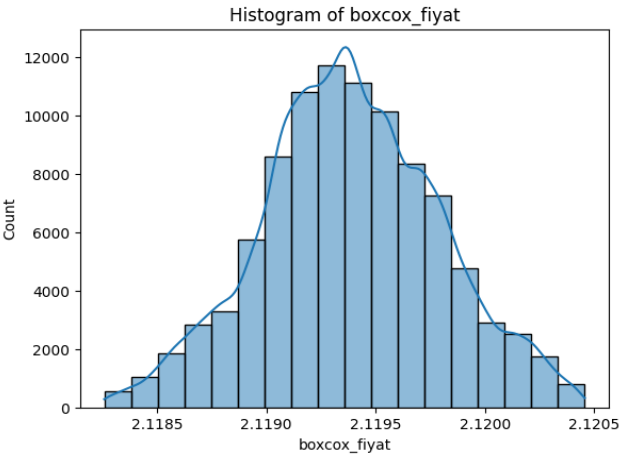
Summary Statistics:

Note: K = Thousand, M = Million

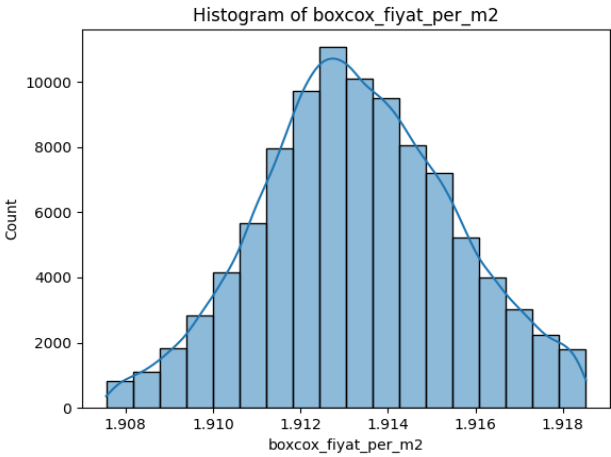
Variable	count	mean	std	min	25%	50%	75%	max
metrekare	96.3K	131.21	45.60	51.00	100.00	125.00	150.00	326.00
fiyat	96.3K	4.7M	3.5M	1.2M	2.7M	3.6M	5.4M	29.9M
skor	96.3K	2.00	1.62	-0.17	1.02	1.48	2.48	6.90
fiyat_per_m2	96.3K	36.5K	23.1K	11.6K	22.1K	29.2K	42.3K	155.2K
log_metrekar	96.3K	4.83	0.33	3.95	4.62	4.84	5.02	5.79
boxcox_metre	96.3K	4.81	0.34	3.93	4.60	4.82	5.00	5.78
log_fiyat	96.3K	15.18	0.55	14.04	14.80	15.10	15.50	17.21
boxcox_fiyat	96.3K	2.12	0.00	2.12	2.12	2.12	2.12	2.12
log_fiyat_pe	96.3K	10.36	0.51	9.36	10.00	10.28	10.65	11.95
boxcox_fiyat	96.3K	1.91	0.00	1.91	1.91	1.91	1.91	1.92

Histograms:

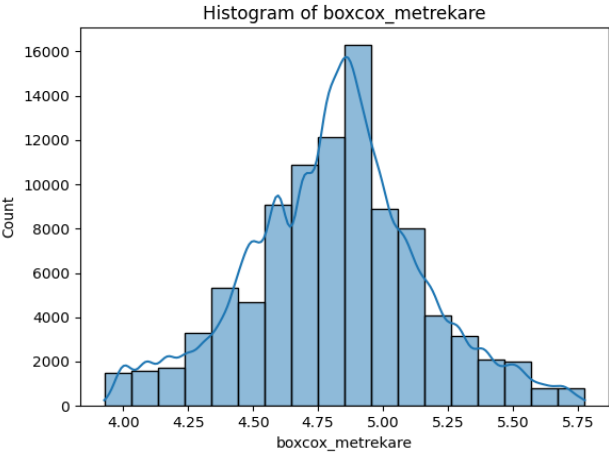
hist_boxcox_fiyat



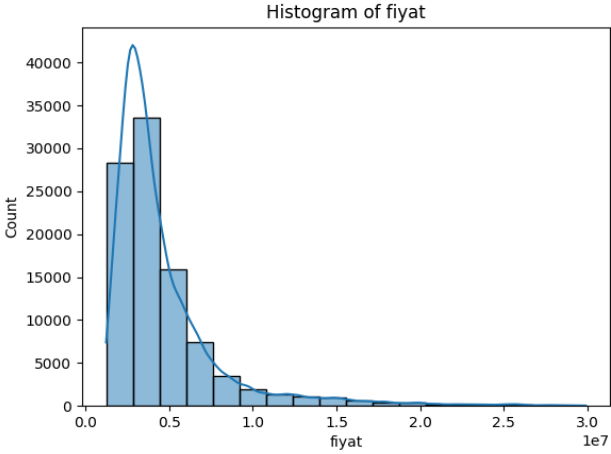
hist_boxcox_fiyat_per_m2



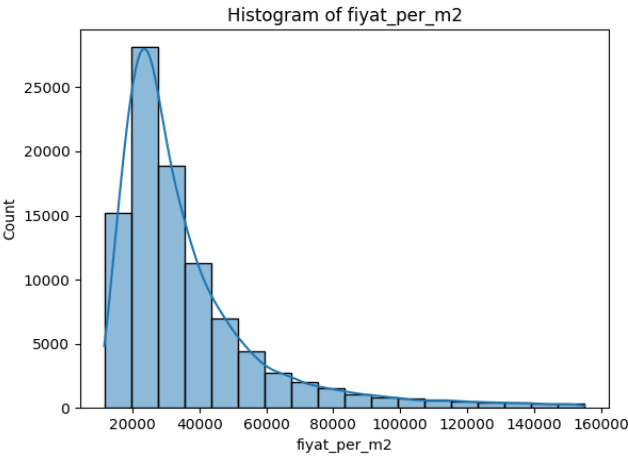
hist_boxcox_metrekaire



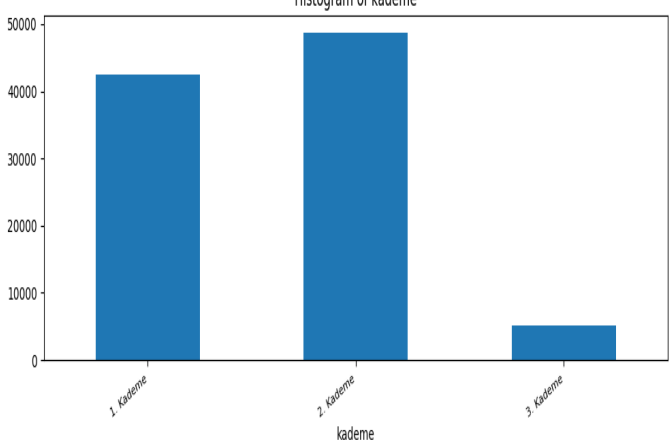
hist_fiyat



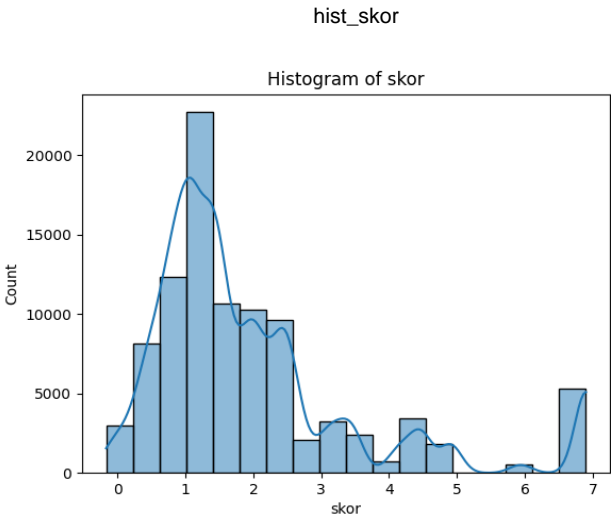
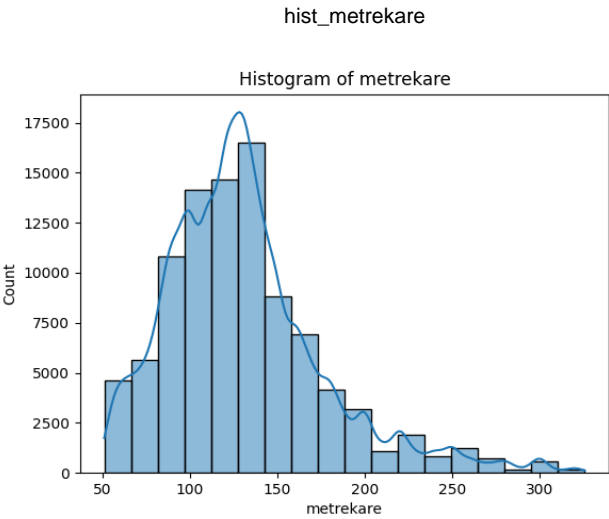
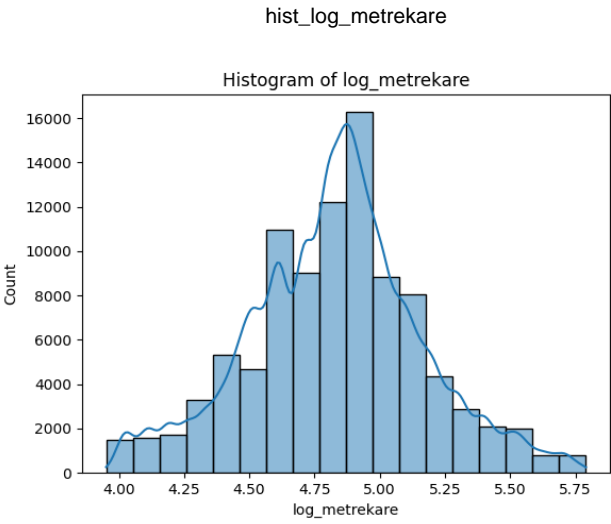
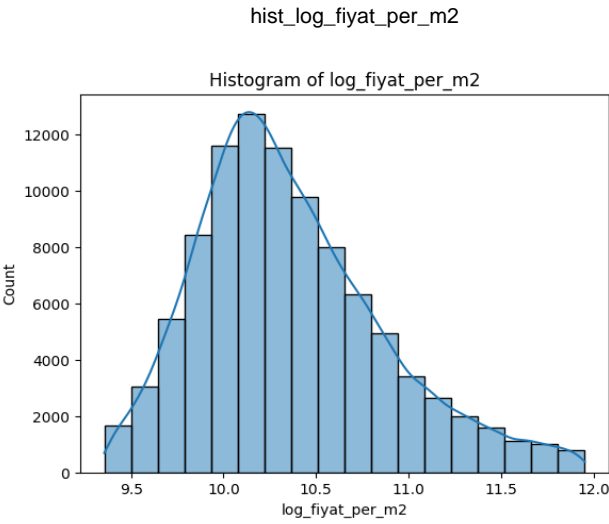
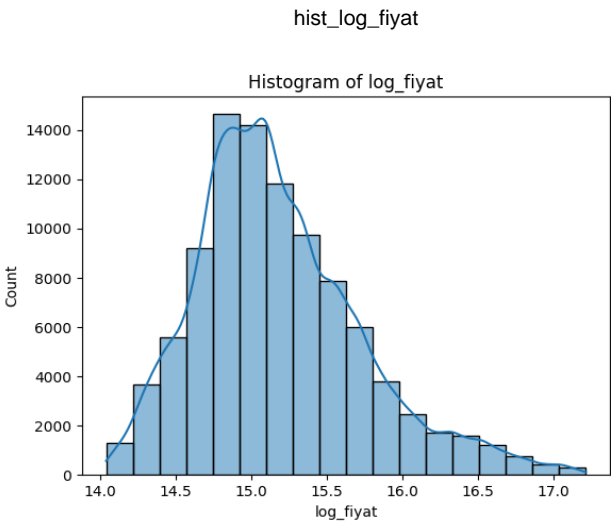
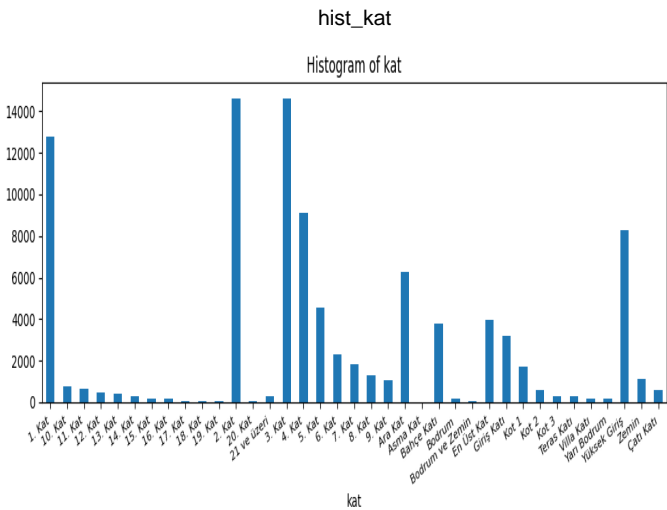
hist_fiyat_per_m2



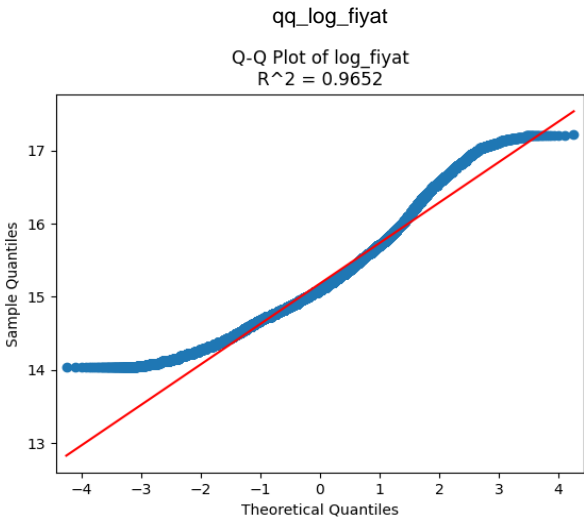
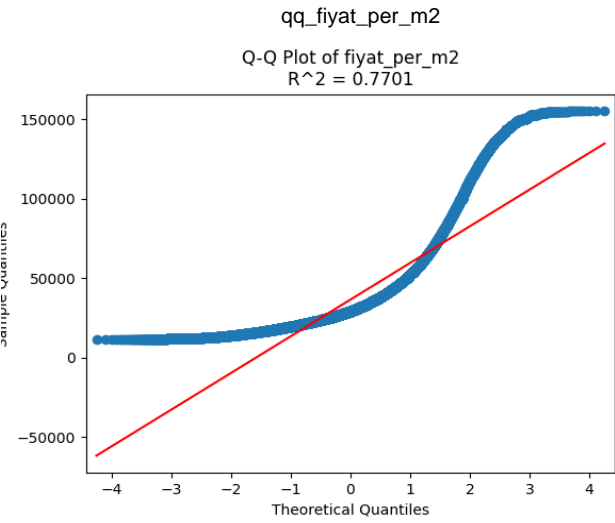
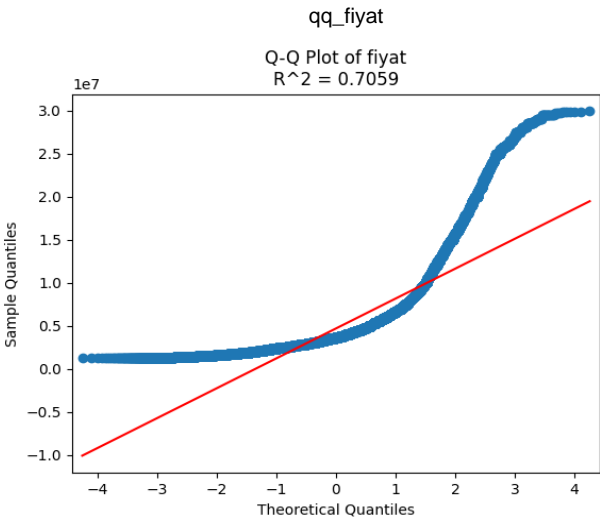
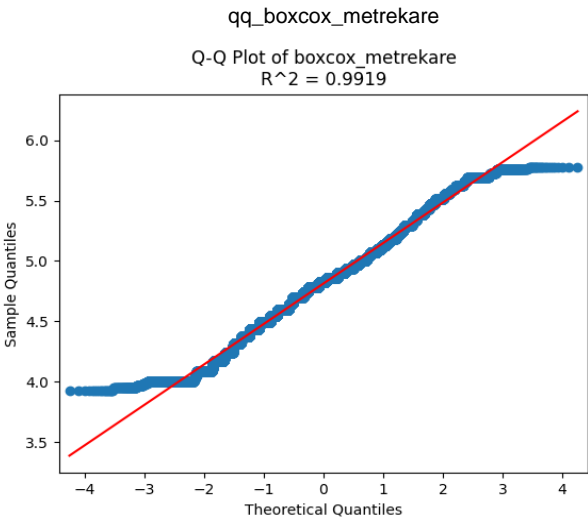
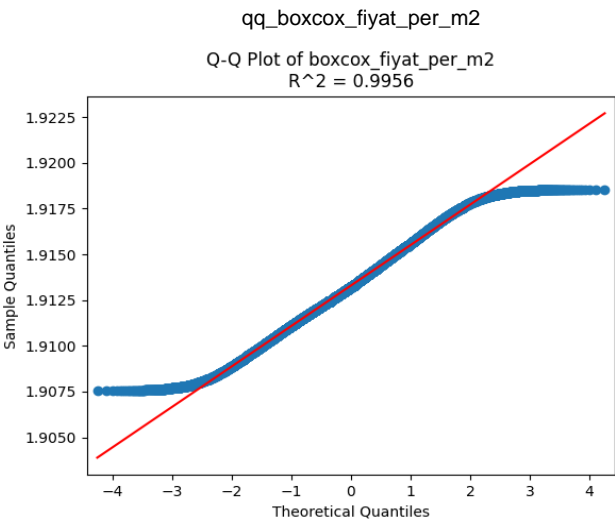
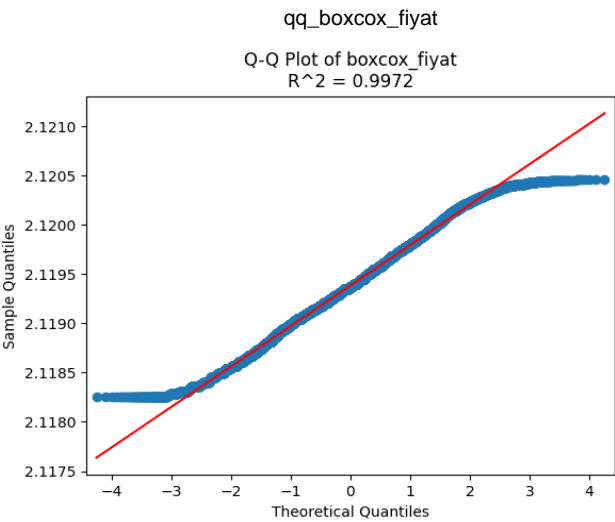
hist_kademe



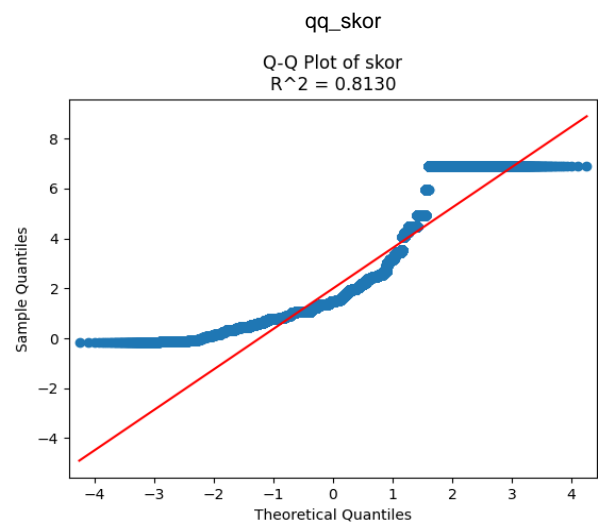
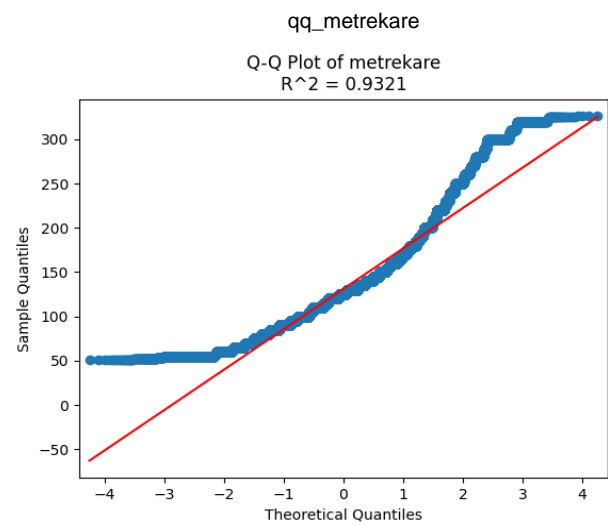
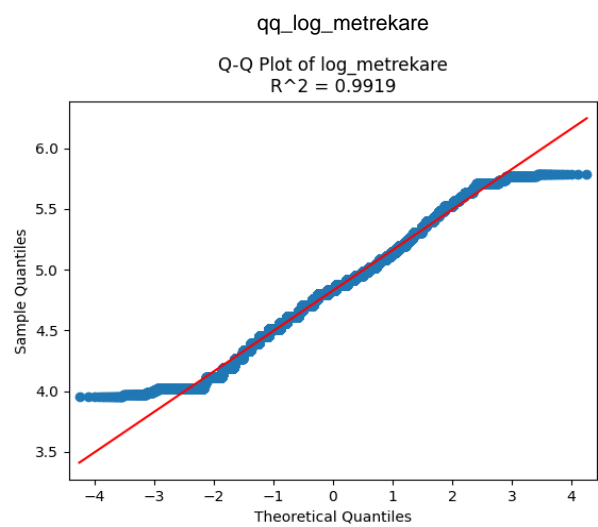
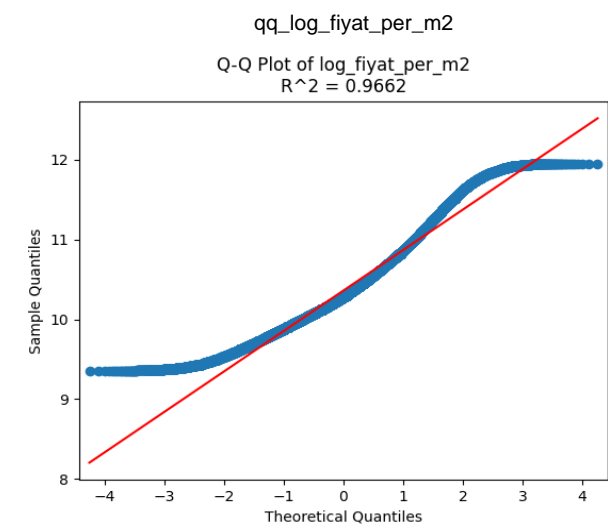
Histograms:



Q-Q Plots:

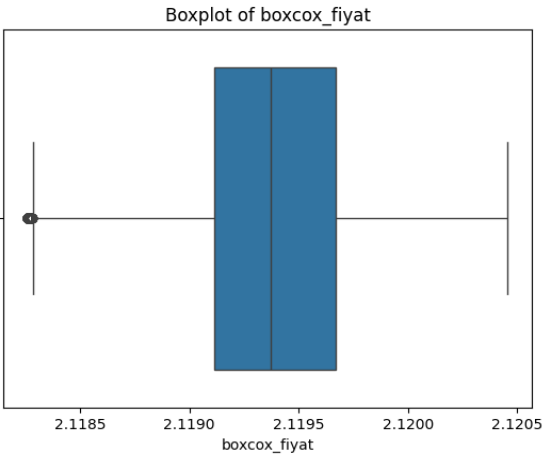


Q-Q Plots:

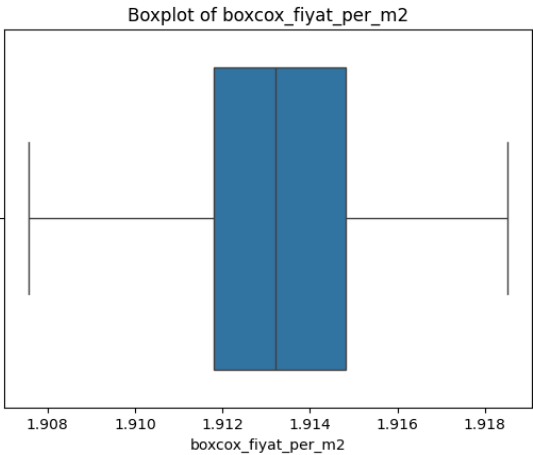


Boxplots:

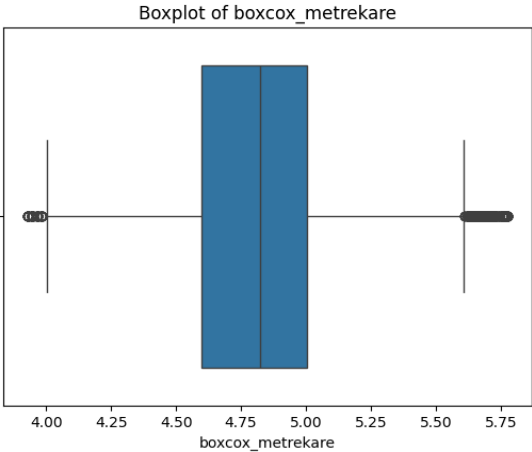
box_boxcox_fiyat



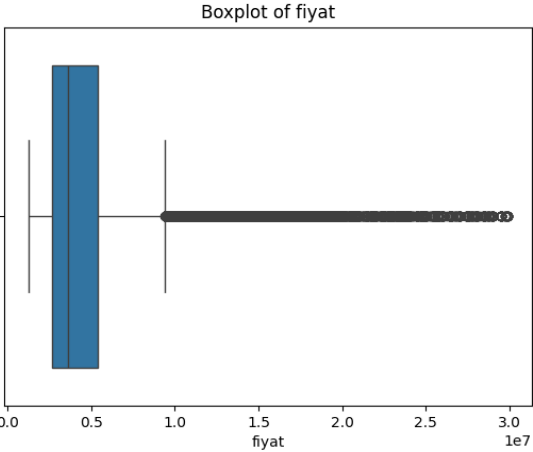
box_boxcox_fiyat_per_m2



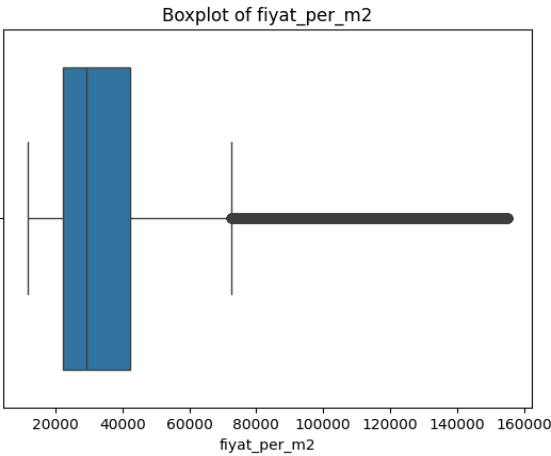
box_boxcox_metrekar



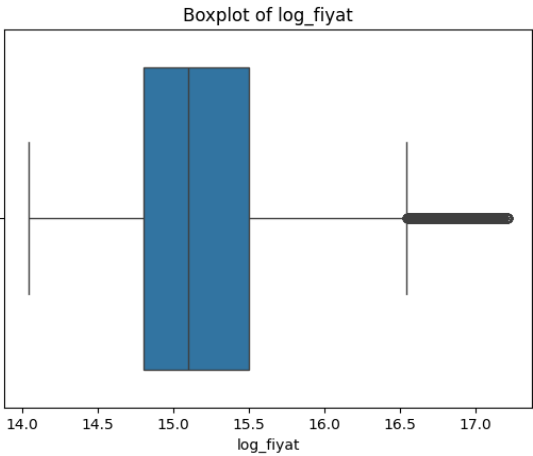
box_fiyat



box_fiyat_per_m2

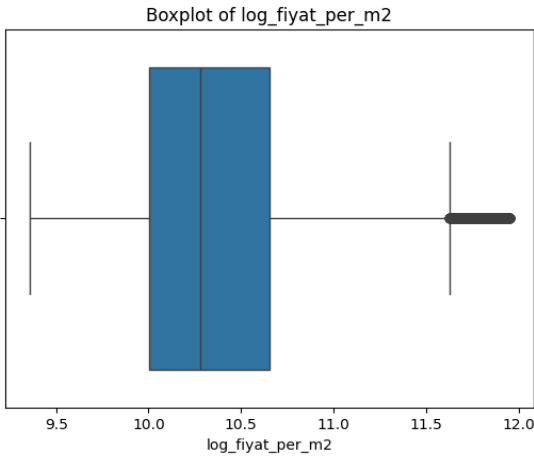


box_log_fiyat

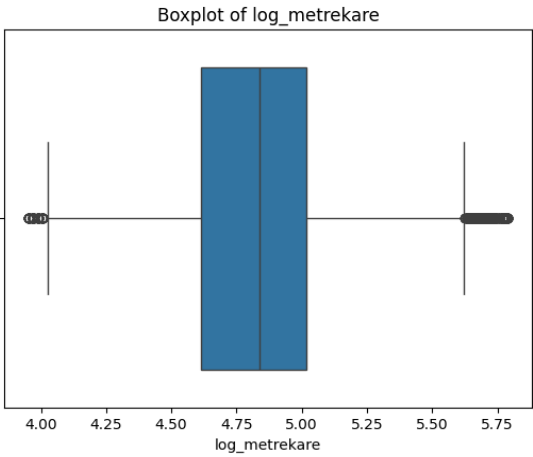


Boxplots:

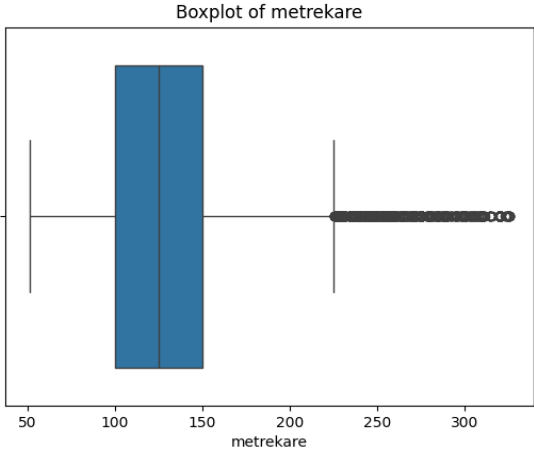
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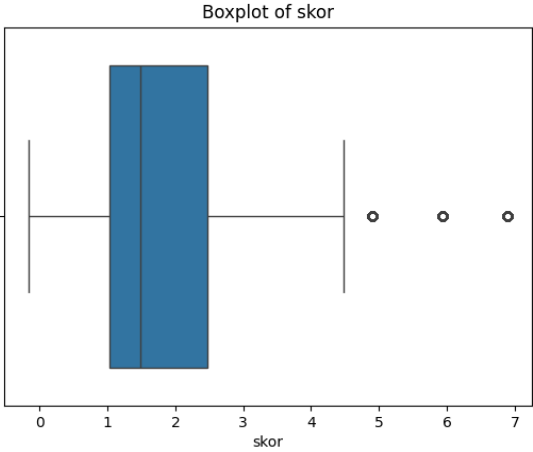
box_log_metrekar



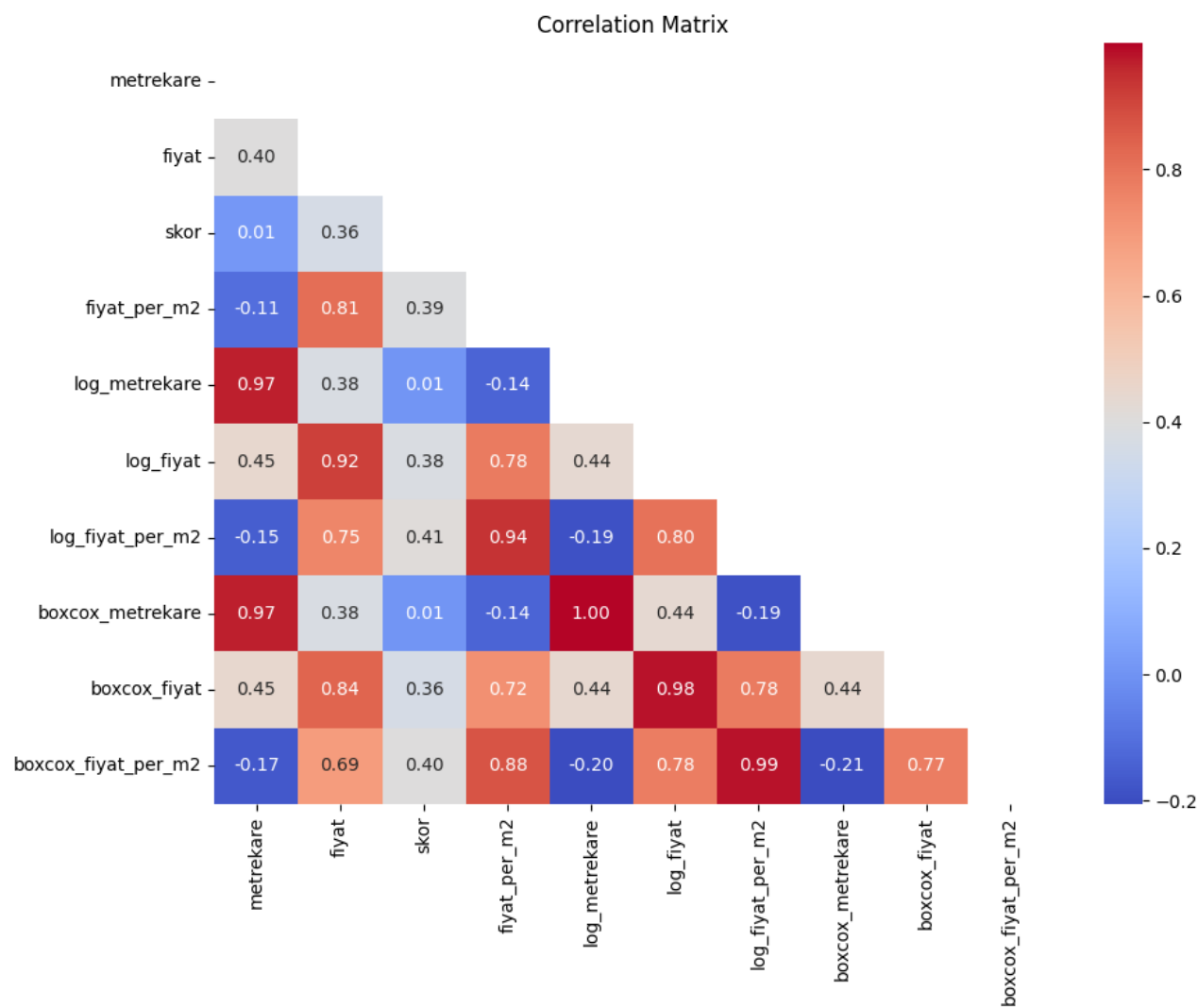
box_metrekar



box_skor



Correlation Matrix:



Normality Test Summary Table:

Variable	Test	Statistic	p-value	Result
metrekare	KS-Lilliefors	0.112	1.000e-03	Reject H0 (not normal)
metrekare	Anderson-Darling	1478.879	< 0.787	Reject H0 (not normal)
fiyat	KS-Lilliefors	0.188	1.000e-03	Reject H0 (not normal)
fiyat	Anderson-Darling	7510.653	< 0.787	Reject H0 (not normal)
skor	KS-Lilliefors	0.163	1.000e-03	Reject H0 (not normal)
skor	Anderson-Darling	5624.865	< 0.787	Reject H0 (not normal)
fiyat_per_m2	KS-Lilliefors	0.167	1.000e-03	Reject H0 (not normal)
fiyat_per_m2	Anderson-Darling	6175.006	< 0.787	Reject H0 (not normal)
log_metrekare	KS-Lilliefors	0.062	1.000e-03	Reject H0 (not normal)
log_metrekare	Anderson-Darling	254.059	< 0.787	Reject H0 (not normal)
log_fiyat	KS-Lilliefors	0.075	1.000e-03	Reject H0 (not normal)
log_fiyat	Anderson-Darling	836.184	< 0.787	Reject H0 (not normal)
log_fiyat_per_m2	KS-Lilliefors	0.069	1.000e-03	Reject H0 (not normal)
log_fiyat_per_m2	Anderson-Darling	854.662	< 0.787	Reject H0 (not normal)
boxcox_metrekare	KS-Lilliefors	0.062	1.000e-03	Reject H0 (not normal)
boxcox_metrekare	Anderson-Darling	256.085	< 0.787	Reject H0 (not normal)
boxcox_fiyat	KS-Lilliefors	0.023	1.000e-03	Reject H0 (not normal)
boxcox_fiyat	Anderson-Darling	42.274	< 0.787	Reject H0 (not normal)
boxcox_fiyat_per_m2	KS-Lilliefors	0.019	1.000e-03	Reject H0 (not normal)
boxcox_fiyat_per_m2	Anderson-Darling	49.03	< 0.787	Reject H0 (not normal)

Q-Q Plot R^2 Scores (Descending):

boxcox_fiyat: $R^2 = 0.9972$ (visually normal)
boxcox_fiyat_per_m2: $R^2 = 0.9956$ (visually normal)
log_metrekar: $R^2 = 0.9919$ (visually normal)
boxcox_metrekar: $R^2 = 0.9919$ (visually normal)
log_fiyat_per_m2: $R^2 = 0.9662$ (possibly non-normal)
log_fiyat: $R^2 = 0.9652$ (possibly non-normal)
metrekare: $R^2 = 0.9321$ (possibly non-normal)
skor: $R^2 = 0.8130$ (possibly non-normal)
fiyat_per_m2: $R^2 = 0.7701$ (possibly non-normal)
fiyat: $R^2 = 0.7059$ (possibly non-normal)