ALE

Results:

Datset Shape: (107, 6)

Dataset features: ['anchor_ratio' 'trans_range' 'node_density' 'iterations' 'ale' 'sd_ale']

Dataset types: anchor_ratio   int64

trans_range   int64

node_density   int64

iterations   int64

ale   float64

sd_ale   float64

dtype: object

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	count	mean	std	...	50%	75%	max
anchor_ratio	107.0	20.523364	6.739556	...	18.000000	30.000000	30.000000
trans_range	107.0	17.878505	3.107235	...	17.000000	20.000000	25.000000
node_density	107.0	159.813084	71.189109	...	100.000000	200.000000	300.000000
iterations	107.0	47.887850	24.668874	...	40.000000	70.000000	100.000000
ale	107.0	0.983471	0.408313	...	0.899102	1.196418	2.568407
sd_ale	107.0	0.265692	0.183394	...	0.242423	0.362762	1.092220

[6 rows x 8 columns]

Null Values in Dataset: anchor_ratio   0

trans_range   0

node_density   0

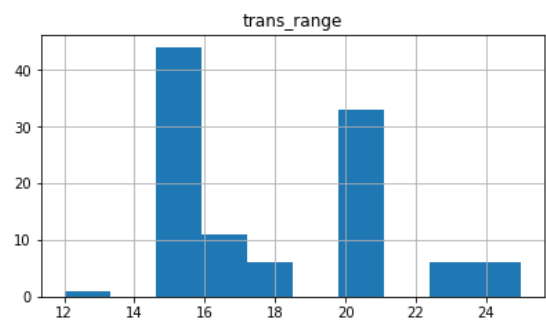iterations   0

ale   0

sd_ale   0

dtype: int64

Target Regression Distribution
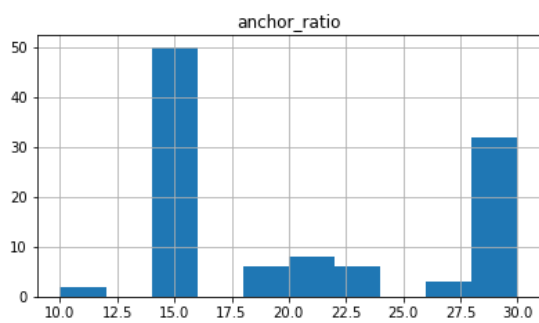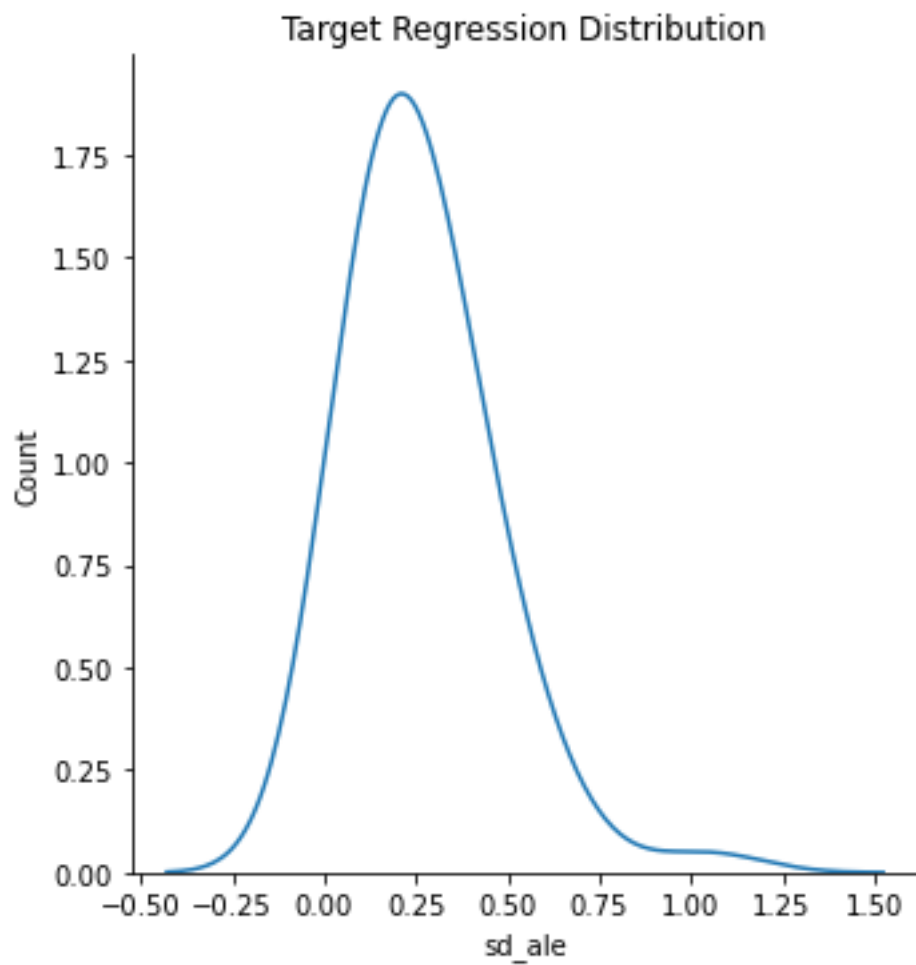
Target Regression Distribution

Correlation Matrix of The Features and the Target Values
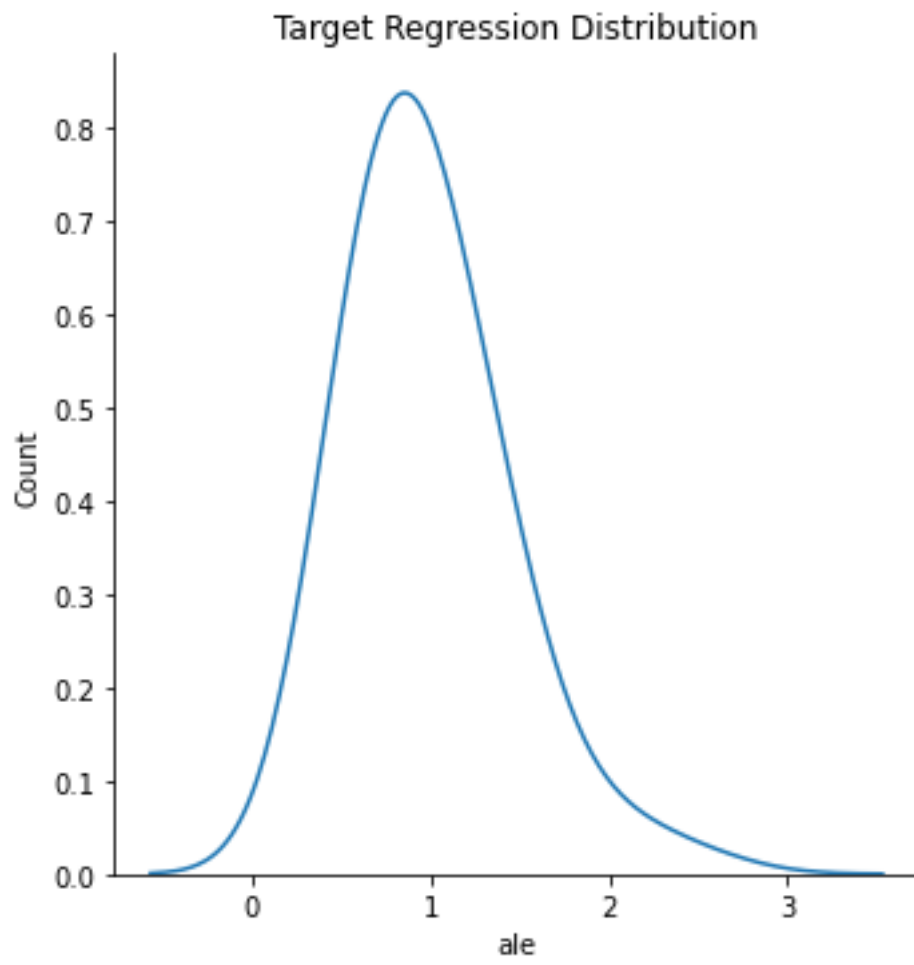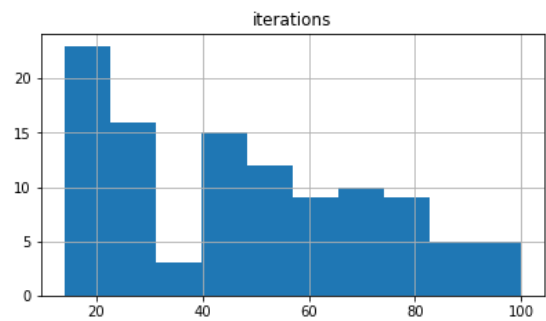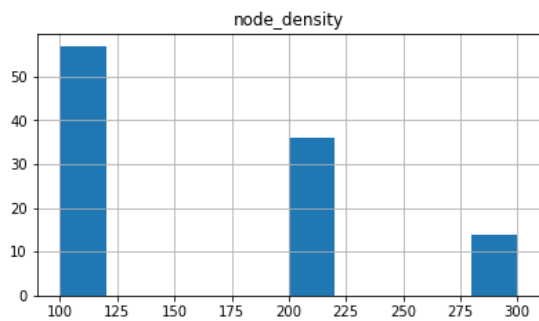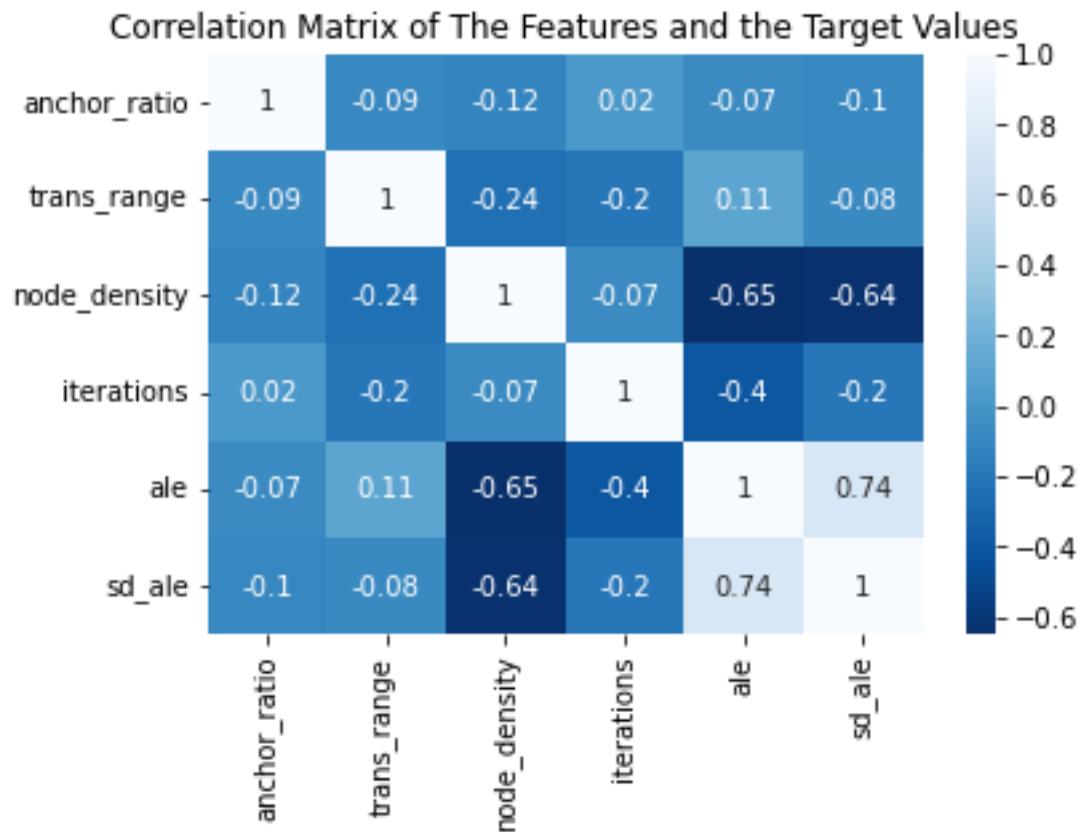
For ALE:

Mean Squared Error: 0.0731933384239627

Mean Absolute Error: 0.19539341641928865

Coefficient of Determination: 0.629198118075022

For SD ALE:

Mean Squared Error: 0.02618260132145096

Mean Absolute Error: 0.1140522618232009

Coefficient of Determination: 0.514656240204346