

	open	high	low	close	volume	quote_asset_volume	number_of_trades	taker_buy_base_asset_volume	taker_buy_quote_asset_volume
count	3126000.0	3126000.0	3126000.0	3126000.0	3126000.0	3126000.0	3126000.0	3126000.0	3126000.0
mean	20089.470161638223	20102.174211775444	20076.65738357677	20089.4622518906	52.90799811777576	1155882.3767564509	1018.5826657069738	26.322305894592745	572721.074082816
std	16058.955131398898	16069.259629704433	16048.70607037236	16058.964459260897	97.74387520056246	2335868.410455397	1817.8127407372963	49.72880410400705	1193135.2283374472
min	2830.0	2830.0	2817.0	2817.0	0.0	0.0	0.0	0.0	0.0
25%	7624.7474999999995	7629.6	7620.0	7624.797500000001	11.201665	112233.4507373475	150.0	5.100715	51250.56755945
50%	11699.99	11706.81	11692.485	11700.0	23.875385	370646.713808825	413.0	11.489897500000001	175369.46843321
75%	29899.57	29907.2425	29890.51	29899.57	53.93630025	1276762.3093019	1026.0	26.9300875	621025.0296988476
max	69000.0	69000.0	68786.7	69000.0	5877.77545	145955668.3328495	107315.0	3537.45296	89475505.03325081

	SMA_30	EMA_30
count	3124000.0	3124000.0
mean	19916.265209539662	19917.998229773304
std	15944.437706001296	15855.763151655923
min	3525.885946064815	3544.4946338465397
25%	7631.721274363425	7671.71641413882
50%	11268.046416319445	11211.344223595333
75%	28954.239976678244	29325.364489756008
max	62775.8432537037	61800.03639231762

	Change	Gain	Loss	RSI
count	3123999.0	3124000.0	3124000.0	3103840.0
mean	-0.007985652364165291	6.815155832266328	6.823141482074259	49.947582383135746
std	28.633801741248593	18.978854406106773	19.14930417630647	0.39106847291197344
min	-2115.7799999999999	0.0	0.0	48.8210361852927
25%	-5.1699999999998254	0.0	0.0	49.659354829902306
50%	0.0	0.0	0.0	49.94975154337985
75%	5.180000000000291	5.180000000000291	5.1699999999998254	50.212636430446324
max	2129.5699999999997	2129.5699999999997	2115.7799999999999	51.44092429259696

	ShortEMA	LongEMA	MACD	SignalLine	MACD_Histogram
count	3124000.0	3124000.0	3124000.0	3124000.0	3124000.0
mean	20163.0054706336	20244.784460321574	-81.77898968798034	-81.70767396375616	-0.07131572422419441
std	15957.412059934904	15825.887300603268	1156.7593933860944	1100.2888500377535	356.99910999412
min	3456.3559952011615	3547.043729367048	-4677.530890994865	-4278.033351212421	-1629.2125064611182
25%	7694.200347617796	7854.339587787815	-458.575672140621	-436.1733743503173	-110.97608951780644
50%	11672.681595865244	11585.679574065023	-54.96656551647584	-48.77958990183893	12.031554048218398
75%	29581.227584890297	29323.00252653035	331.15625090416756	302.3293181677408	116.4634311644852
max	63628.57571239246	61690.23296618257	5517.323712949765	4760.606915918754	1897.755298944332

er_buy_base_asset_volume	taker_buy_quote_asset_volume	SMA_30	EMA_30	RSI	MACD	year	month	day	hour	minute
3124000.0	3124000.0	3124000.0	3124000.0	3124000.0	3124000.0	3124000.0	3124000.0	3124000.0	3124000.0	3124000.0
26.336138048798365	573005.1854495903	19916.265209539662	19917.998229773304	49.94792064791038	-81.77898968798034	2020.1086594110116	6.511404609475032	15.773261843790014	11.504540012804098	29.500342509603072
49.73977603016102	1193396.4144264802	15944.437706001296	15855.763151655923	0.38982719199255417	1156.7593933860944	1.7632593037276345	3.461082871024425	8.810634619076833	6.92398875032785	17.318053050016186
0.0	0.0	3525.885946064815	3544.4946338465397	48.8210361852927	-4677.530890994865	2017.0	1.0	1.0	0.0	0.0
5.107351749999999	51328.06846287	7631.721274363425	7671.71641413882	49.661531877755834	-458.575672140621	2019.0	4.0	8.0	6.0	15.0
11.498741	175533.33675751	11268.046416319445	11211.344223595333	49.952782124551305	-54.96656551647584	2020.0	7.0	16.0	12.0	30.0
26.9457545	621448.0700999	28954.239976678244	29325.364489756008	50.210623034589005	331.15625090416756	2022.0	10.0	23.0	18.0	45.0
3537.45296	89475505.03325081	62775.8432537037	61800.03639231762	51.44092429259696	5517.323712949765	2023.0	12.0	31.0	23.0	59.0

Learning Rate	Lasso MSE	Ridge MSE	Elastic Net MSE
0.001	380.418	181.754	422.196
0.01	380.45	238.414	16773.3
0.1	380.442	254.961	283402
1	382.105	789.908	4.03818e+06

	Polynomial Regression	SGD	Lasso				Ridge				Elastic Net			
Alpha			0.001	0.01	0.1	1	0.001	0.01	0.1	1	0.001	0.01	0.1	1
Mean MSE	161.26513070269897	564.5716013718529	378.302	378.243	379.551	380.712	181.754	238.414	254.961	789.908	804.708	27695	332843	5.18756e+06

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Learning Rate	Lasso MSE	Ridge MSE	Elastic Net MSE
0.001	380.418	181.754	422.196
0.01	380.45	238.414	16773.3
0.1	380.442	254.961	283402
1	382.105	789.908	4.03818e+06

Polynomial Model

	Polynomial Regression	SGD	Lasso				Ridge				Elastic Net			
Alpha			0.001	0.01	0.1	1	0.001	0.01	0.1	1	0.001	0.01	0.1	1
Mean MSE	161.26513070269897	564.5716013718529	378.302	378.243	379.551	380.712	181.754	238.414	254.961	789.908	804.708	27695	332843	5.18756e+06