

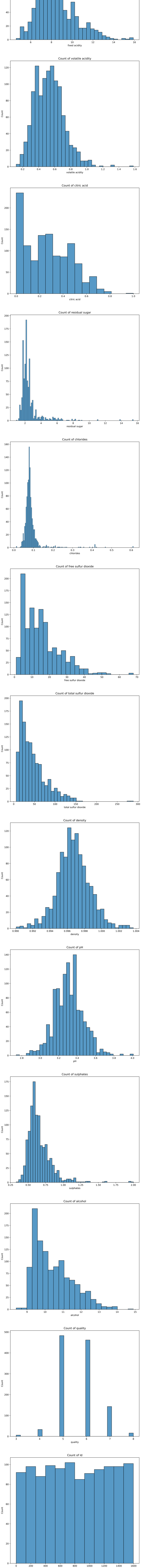
Data Set Summary Statistics:

	Values
No. of Columns	13
No. of Rows	1143
Total Value Count	14859
Count of NaNs	0
Percent of NaNs	0.0%
Count of Duplicate Rows	0
Percent of Duplicate Rows	0.0%
Count of Numerical Variables	13
Count of Categorical Variables	0

Variable Summary Statistics:

	fixed acidity	volatile acidity	citric acid	residual sugar	chlorides	free sulfur dioxide	total sulfur dioxide	density	pH	sulphates	alcohol	quality	Id
Variable Type	float	float	float	float	float	float	float	float	float	float	float	integer	integer
Mean	8.31	0.53	0.27	2.53	0.09	15.62	45.91	1.0	3.31	0.66	10.44	5.66	804.97
Median	7.9	0.52	0.25	2.2	0.08	13.0	37.0	1.0	3.31	0.62	10.2	6.0	794.0
Sum	9499.6	607.32	306.74	2894.25	99.36	17848.5	52480.5	1139.26	3784.49	751.76	11935.33	6466.0	920080.0
Variance	3.05	0.03	0.04	1.84	0.0	105.07	1074.67	0.0	0.02	0.03	1.17	0.65	215293.32
Standard Deviation	1.75	0.18	0.2	1.36	0.05	10.25	32.78	0.0	0.16	0.17	1.08	0.81	464.0
25 Percentile	7.1	0.39	0.09	1.9	0.07	7.0	21.0	1.0	3.2	0.55	9.5	5.0	411.0
75 Percentile	9.1	0.64	0.42	2.6	0.09	21.0	61.0	1.0	3.4	0.73	11.1	6.0	1209.5
Min	4.6	0.12	0.0	0.9	0.01	1.0	6.0	0.99	2.74	0.33	8.4	3.0	0.0
Max	15.9	1.58	1.0	15.5	0.61	68.0	289.0	1.0	4.01	2.0	14.9	8.0	1597.0
Skew	1.04	0.68	0.37	4.36	6.03	1.23	1.67	0.1	0.22	2.5	0.86	0.29	-0.01
Count of NaNs	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent of NaNs	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Count of Unique Values	91	135	77	80	131	53	138	388	87	89	61	6	1143

Numerical Histogram Plot(s):



Correlation Matrix Heat Map:

