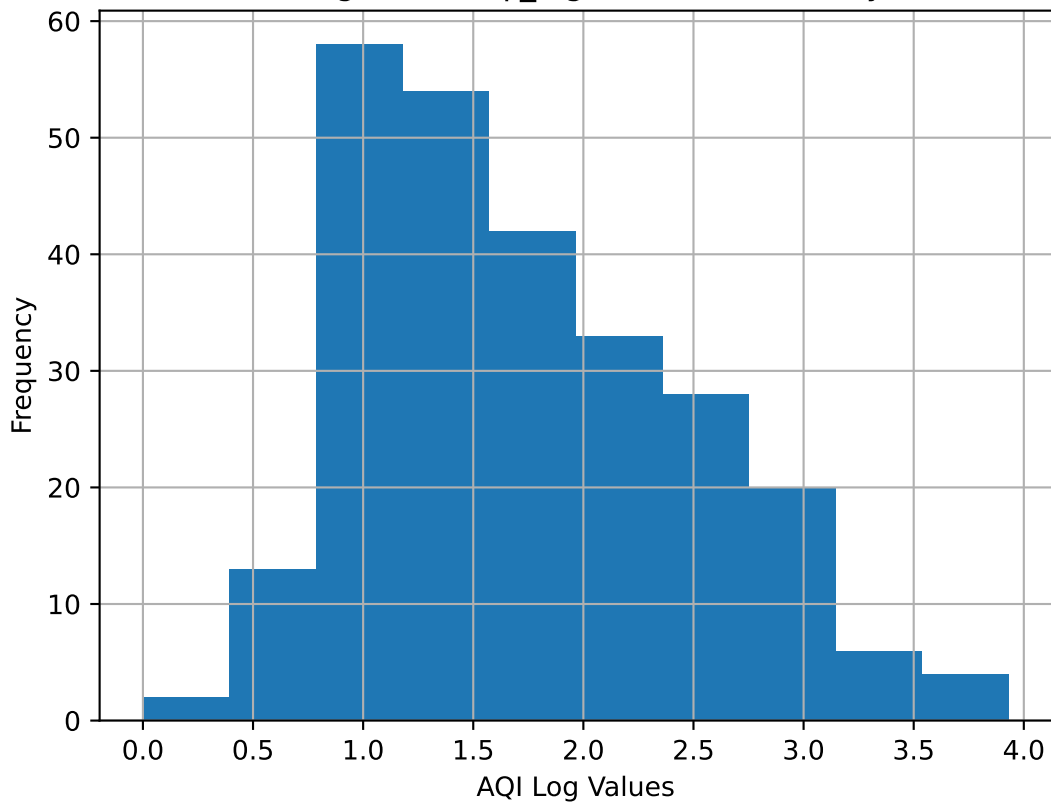


Histogram of aqi\_log (Central Tendency)



The 1st Lower limit is: 1.05 and the 1st Upper limit is: 2.48

Top 5 rows closest to the Lower Limit:

	date_local	state_name	county_name	city_name	local_site_name	parameter_name	units_of_measure	aqi_log
259	2018-01-01	North Carolina	Wake	Not in a city	Triple Oak	Carbon monoxide	Parts per million	1.09861
101	2018-01-01	Pennsylvania	Adams	Not in a city	NARSTO SITE ARENDSVILLE	Carbon monoxide	Parts per million	1.09861
96	2018-01-01	Minnesota	Dakota	Inver Grove Heights (RR name Inver Grove)	Flint Hills Refinery 423	Carbon monoxide	Parts per million	1.09861
216	2018-01-01	Indiana	Vanderburgh	Evansville	Evansville- Lloyd	Carbon monoxide	Parts per million	1.09861
169	2018-01-01	Florida	Wakulla	Saint Marks	St. Marks Wildlife Refuge	Carbon monoxide	Parts per million	1.09861

Top 5 rows closest to the Upper Limit:

	date_local	state_name	county_name	city_name	local_site_name	parameter_name	units_of_measure	aqi_log
129	2018-01-01	Michigan	Wayne	Detroit	ELIZA-NR	Carbon monoxide	Parts per million	2.48491
100	2018-01-01	Nevada	Washoe	Sparks	Sparks	Carbon monoxide	Parts per million	2.48491
250	2018-01-01	California	Los Angeles	West Los Angeles	West Los Angeles	Carbon monoxide	Parts per million	2.48491
117	2018-01-01	California	San Diego	El Cajon	El Cajon - Lexington Elementary School	Carbon monoxide	Parts per million	2.48491
130	2018-01-01	California	San Bernardino	Fontana	Fontana	Carbon monoxide	Parts per million	2.48491

The 2nd Lower limit is: 0.34 and the 2nd Upper limit is: 3.2

Top 5 rows closest to the Lower Limit:

	date_local	state_name	county_name	city_name	local_site_name	parameter_name	units_of_measure	aqi_log
136	2018-01-01	Pennsylvania	York	York	A421330008LAT/LON POINT AT CORNER OF TRAILER	Carbon monoxide	Parts per million	0
152	2018-01-01	Louisiana	East Baton Rouge	Baton Rouge	Capitol	Carbon monoxide	Parts per million	0
253	2018-01-01	Oregon	Washington	Tualatin	Tualatin Bradbury Court (TBC) - Near Road Site	Carbon monoxide	Parts per million	0.693147
115	2018-01-01	Montana	Lewis and Clark	Not in a city	NCORE - Sieben Flats	Carbon monoxide	Parts per million	0.693147
118	2018-01-01	Wyoming	Converse	Not in a city	Converse County Long-Term	Carbon monoxide	Parts per million	0.693147

Top 5 rows closest to the Upper Limit:

	date_local	state_name	county_name	city_name	local_site_name	parameter_name	units_of_measure	aqi_log
177	2018-01-01	California	Los Angeles	Long Beach	Long Beach (Hudson)	Carbon monoxide	Parts per million	3.21888
199	2018-01-01	California	Riverside	Rubidoux	Rubidoux	Carbon monoxide	Parts per million	3.17805
200	2018-01-01	California	Riverside	Rubidoux	Rubidoux	Carbon monoxide	Parts per million	3.13549
106	2018-01-01	California	Imperial	Calexico	Calexico-Ethel Street	Carbon monoxide	Parts per million	3.29584
131	2018-01-01	Arizona	Maricopa	Phoenix	CENTRAL PHOENIX	Carbon monoxide	Parts per million	3.3322

The 3rd Lower limit is: -0.38 and the 3rd Upper limit is: 3.91

Top 5 rows closest to the Lower Limit:

	date_local	state_name	county_name	city_name	local_site_name	parameter_name	units_of_measure	aqi_log
136	2018-01-01	Pennsylvania	York	York	A421330008LAT/LON POINT AT CORNER OF TRAILER	Carbon monoxide	Parts per million	0
152	2018-01-01	Louisiana	East Baton Rouge	Baton Rouge	Capitol	Carbon monoxide	Parts per million	0
253	2018-01-01	Oregon	Washington	Tualatin	Tualatin Bradbury Court (TBC) - Near Road Site	Carbon monoxide	Parts per million	0.693147
115	2018-01-01	Montana	Lewis and Clark	Not in a city	NCORE - Sieben Flats	Carbon monoxide	Parts per million	0.693147
118	2018-01-01	Wyoming	Converse	Not in a city	Converse County Long-Term	Carbon monoxide	Parts per million	0.693147

Top 5 rows closest to the Upper Limit:

	date_local	state_name	county_name	city_name	local_site_name	parameter_name	units_of_measure	aqi_log
244	2018-01-01	Arizona	Maricopa	Phoenix	WEST PHOENIX	Carbon monoxide	Parts per million	3.93183
25	2018-01-01	Nevada	Clark	Las Vegas	Sunrise Acres	Carbon monoxide	Parts per million	3.73767
132	2018-01-01	California	Los Angeles	Compton	Compton	Carbon monoxide	Parts per million	3.71357
155	2018-01-01	Arizona	Maricopa	Phoenix	SOUTH PHOENIX	Carbon monoxide	Parts per million	3.61092
206	2018-01-01	California	San Bernardino	San Bernardino	San Bernardino	Carbon monoxide	Parts per million	3.3673

Rows with z-scores greater than 3 or less than -3:

	date_local	state_name	county_name	city_name	local_site_name	parameter_name	units_of_measure	aqi_log	z_score
244	2018-01-01	Arizona	Maricopa	Phoenix	WEST PHOENIX	Carbon monoxide	Parts per million	3.93183	3.02904