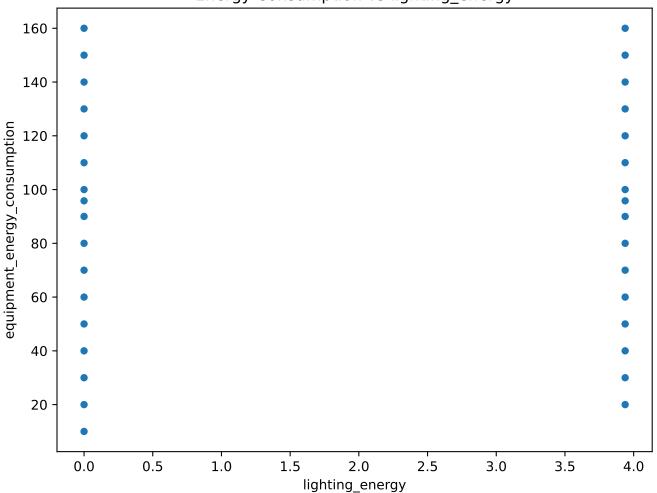


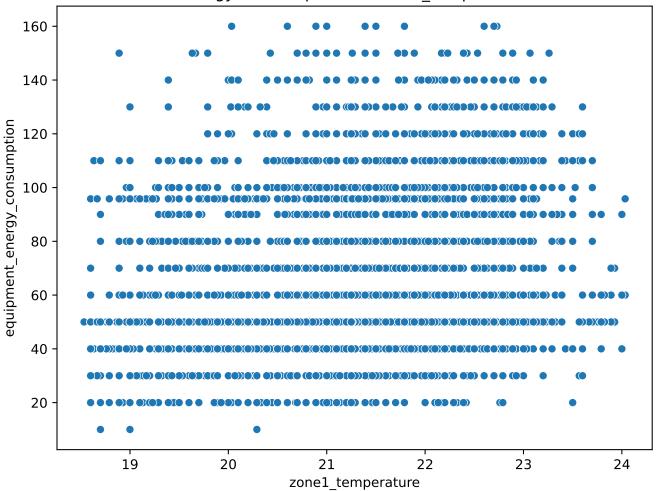
Correlation Heatmap

	Correlation reading	1.0
energy_consumption -1	.0 <mark>0</mark> .03 <mark>.25</mark> 0.0 <mark>2.26</mark> 0.04.120.03.110.05.110.020.090.13.080.08.150.10.090.07 <mark>0.22</mark> 0.070.20.030.030.060.020.02	1.0
lighting_energy -0	.03 <mark>1.00</mark> 0.010.020.090.040.000.010.000.090.010.020.030.040.040.020.000.000.010.000.090.000.010.090.000.020.020.02	
zone1_temperature -0	.250.01 <mark>1.00</mark> 0.0 <mark>6.67</mark> 0.0 <mark>4.38</mark> 0.0 <mark>4.32</mark> 0.0 <mark>20.39</mark> 0.010.190.210.390.020.340.050.340.040.410.050.240.060.090.390.020.02	
zone1_humidity -0	0.01/20.020.01 <mark>.01/20.200.27</mark> 0.030.230.01/20.01/20.150.150.150.190.11/20.320.11/20.250.01/20.230.330.240.250.240.02 <mark>0.57</mark> 0.0420.02	- 0.8
zone2_temperature -0	$.260.00 \underbrace{0.670.20}_{0.670.20} \underbrace{0.000.00}_{0.220.050.230.080.230.040.280.1} \underbrace{0.140.000.140.000.170.040.570.060.30.190.080.350.020.030}_{0.220.050.230.080.230.040.280.1} \underbrace{0.140.000.140.000.170.040.570.060.30.190.080.350.020.030}_{0.220.050.230.080.230.040.280.1} \underbrace{0.140.000.140.000.170.040.570.060.30.190.080.350.020.030}_{0.220.050.230.080.230.040.280.1} \underbrace{0.140.000.140.000.170.040.570.060.30.190.080.350.020.030}_{0.220.050.230.080.230.040.280.1} \underbrace{0.140.000.140.000.170.040.570.060.30}_{0.220.050.230.080.230.040.280.1} \underbrace{0.140.000.140.000.170.040.570.060.30}_{0.220.050.230.080.230.040.280.1} \underbrace{0.140.000.140.000.170.040.570.060.30}_{0.220.050.230.080.230.040.280.1} \underbrace{0.140.000.140.000.170.040.570.060.30}_{0.220.050.230.080.230.080.230.080.230.080.230.040.280.1} \underbrace{0.140.000.140.000.170.040.570.060.30}_{0.220.050.080.080.080.080.080.080.080.080}_{0.220.080.080.080.080.080.080.080.080.08$	
zone2_humidity -0	0.040.040.04 <mark>0.27</mark> 0.0 <mark>4.00</mark> 0.030.050.020.080.020.040.030.080.010.110.030.060.040.040.040.040.050.170.020.020.040.040.040.050.05	
zone3_temperature -0	.120.0 <mark>0.38</mark> 0.030.220.03 <mark>1.00</mark> 0.040.160.010.210.010.090.110.160.010.190.010.0190.010.050.050.040.030.220.020.02	
zone3_humidity -0	0.030.010.0 <mark>4.23</mark> 0.050.050.04 <mark>.00</mark> 0.040.080.020.050.010.070.060.080.070.080.050.090.030.060.070.080.060.190.040.00	- 0.6
zone4_temperature -0	.110.000.320.06.230.020.160.04.000.050.180.030.090.10.150.030.150.060.170.050.190.030.150.090.030.160.040.010.010.010.010.010.010.010.010.01	
zone4_humidity -0	0.050.060.0 <mark>20.30</mark> 0.080.080.010.080.01 <mark>1.00</mark> 0.000.070.060.090.050.130.070.130.040.110.160.070.120.110.01 <mark>0.21</mark> 0.010.01	
zone5_temperature -0	$.110.01 \times 10.39 \times 10.23 \times 10.02 \times 10$	
zone5_humidity -0	.020.020.01 <mark>0.15</mark> 0.040.040.010.050.030.070.03 <mark>1.00</mark> 0.010.050.030.060.030.050.030.040.020.050.050.030.040.03	- 0.4
zone6_temperature -0	.090.039.199.159.280.039.090.010.099.069.110.011.000.139.070.040.050.010.040.450.040.050.20.140.050.350.040.0100.040.040.040.040.040.040.040.0	
zone6_humidity -0	0.130.010.2 <mark>0.19</mark> 0.10.080.120.070.10.090.140.050.13 <mark>1.06</mark> 0.10.110.130.130.10.100.220.05 <mark>0.30</mark> 0.030.010.030.040.00	
zone7_temperature -0	.080.0 <mark>10.39</mark> 0.120.140.010.160.060.150.050.170.030.070.141.000.030.290.050.210.030.160.000.150.080.030.060.010.01	
zone7_humidity -0	0.080.020.0 <mark>20.32</mark> 0.060.110.010.080.030.130.010.060.040.110.05 <mark>1.00</mark> 0.090.120.060.120.090.080.150.110.00 <mark>0.23</mark> 0.010.01	- 0.2
zone8_temperature -0	.150.00 <mark>0.34</mark> 0.10.140.030.190.070.150.070.180.030.050.130.290.09 <mark>1.00</mark> 0.080.190.080.110.040.090.110.020.060.010.01	
zone8_humidity -0	0.140.040.0 <mark>50.25</mark> 0.040.060.020.080.060.130.010.050.010.130.090.120.08 <mark>1.00</mark> 0.050.130.010.06 <mark>0.24</mark> 0.070.010.170.040.00	
zone9_temperature -0	.090.01 <mark>0.34</mark> 0.070.170.070.190.050.170.04 <mark>0.22</mark> 0.030.100.170.060.190.051.000.070.210.040.090.070.050.170.040.01	- 0.0
zone9_humidity -0	0.010.090.0 <mark>40.23</mark> 0.040.060.010.090.050.110.040.040.040.190.010.120.080.130.01 <mark>1.00</mark> 0.040.010.120.110.010.130.010.01	0.0
utdoor_temperature -0	.220.00 <mark>0.410.330.57</mark> 0.040.230.030.190.100.210.01 <mark>0.45</mark> 0.210.160.090.110.010.210.04 <mark>1.00</mark> 0.110.440.310.120.720.030.03	
mospheric_pressure -0	0.070.090.0 <u>5</u> 0.240.090.090.050.060.030.070.090.050.090.080.040.090.040.070.17 <mark>1.00</mark> 0.050.340.070.20.020.02	
outdoor_humidity -0	0.20.010.2 <mark>0.25</mark> 0.3 <mark>0.17</mark> 0.05.070.10.120.05.070.2 <mark>0.30</mark> 0.10.150.09.290.09.12 <mark>0.4</mark> 9.0 <mark>9.06</mark> 0.270.070.160.010.02	0.2
wind_speed -0	.030.090.0 <mark>6.240.1</mark> 90.020.040.080.090.110.080.030.140.030.080.110.110.070.070.11 <mark>0.31</mark> 0.340.2 <mark>1.00</mark> 0.130.290.040.02	
visibility_index -0	.030.000.090.020.080.020.030.000.030.010.040.020.050.010.030.000.020.010.050.010.120.070.070.13 <mark>1.00</mark> 0.070.000.00	
dew_point -0	.060.020.300.570.350.199.220.100.100.210.199.030.350.030.060.230.060.170.170.130.720.20.160.200.071.000.030.030	
random_variable1 -0	0.010.020.020.020.020.020.000.020.000.010.01	0.4
random_variable2 -0	0.012.020.020.020.020.020.020.020.020.02	
	ergy - ture - ture - dity - dity - ture - ture - dity - oint - oint -	
,	_consumption ghting_energytemperature nne1_humiditytemperature nne2_humiditytemperature nne4_humiditytemperature nne5_humiditytemperature nne5_humiditytemperature nne7_humiditytemperature nne8_humiditytemperature nne9_humiditytemperature nne9_humiditytemperature nne9_humiditytemperature nne9_humiditytemperature nne9_humiditytemperature door_humiditytemperature door_humidity	
	'_consumption ghting_energy 1_temperature bne1_humidity 2_temperature bne2_humidity 4_temperature bne3_humidity 5_temperature bne4_humidity 6_temperature bne5_humidity 7_temperature bne6_humidity 7_temperature bne7_humidity 8_temperature bne9_humidity 1_temperature bne9_humidity wind_speed wind_speed wisibility_index dew_point dom_variable1 dom_variable2	

Energy Consumption vs lighting_energy



Energy Consumption vs zone1_temperature



Energy Consumption vs outdoor_temperature

