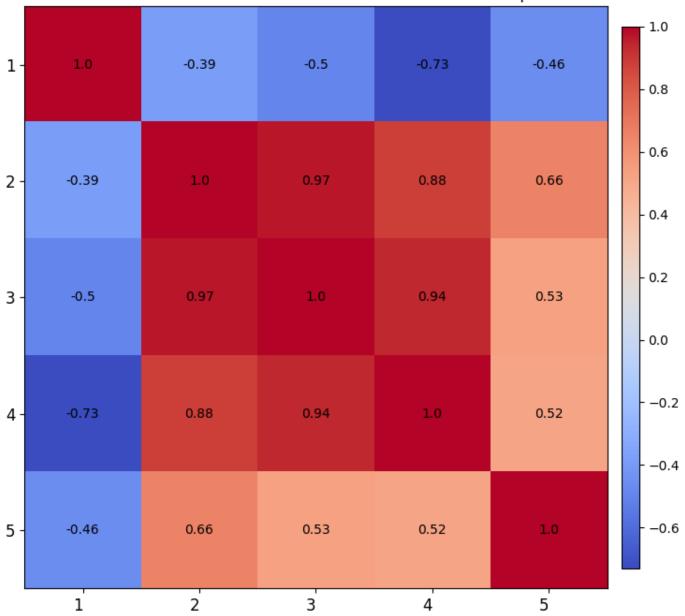
Correlation between farm environmental conditions to estimated power consumption

1-	1.0	-0.34	0.36	0.29	-0.47	0.59	-0.24	-0.63	-0.39	-0.55	0.06	-0.06	1.00
2 -	-0.34	1.0	0.18	-0.33	0.63	-0.59	0.1	0.72	0.62	0.68	-0.22	0.43	- 0.75
3 -	0.36	0.18	1.0	0.14	0.08	-0.16	-0.0	0.17	0.17	0.13	-0.05	0.52	
4 -	0.29	-0.33	0.14	1.0	-0.15	0.24	0.04	-0.34	-0.04	-0.23	0.08	0.19	- 0.50
5 -	-0.47	0.63	0.08	-0.15	1.0	-0.75	-0.05	0.84	0.94	0.98	-0.43	0.51	- 0.25
6 -	0.59	-0.59	-0.16	0.24	-0.75	1.0	-0.01	-0.73	-0.82	-0.84	0.1	-0.54	0.25
7 -	-0.24	0.1	-0.0	0.04	-0.05	-0.01	1.0	0.24	-0.11	0.0	0.06	0.23	- 0.00
8 -	-0.63	0.72	0.17	-0.34	0.84	-0.73	0.24	1.0	0.71	0.9	-0.27	0.49	0.25
9 -	-0.39	0.62	0.17	-0.04	0.94	-0.82	-0.11	0.71	1.0	0.93	-0.36	0.6	0.25
10 -	-0.55	0.68	0.13	-0.23	0.98	-0.84	0.0	0.9	0.93	1.0	-0.36	0.54	0.50
11 -	0.06	-0.22	-0.05	0.08	-0.43	0.1	0.06	-0.27	-0.36	-0.36	1.0	-0.05	
12 -	-0.06	0.43	0.52	0.19	0.51	-0.54	0.23	0.49	0.6	0.54	-0.05	1.0	0.75
	1	2	3	4	5	6	7	8	9	10	11	12	

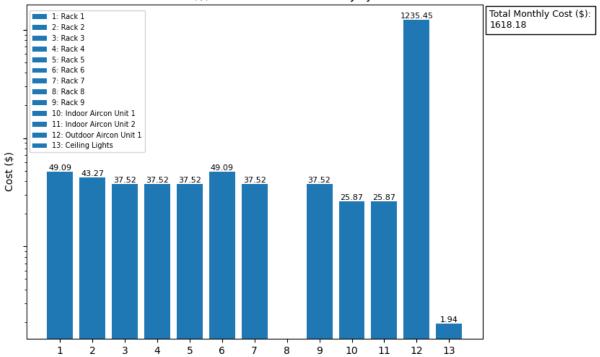
ID	Variable						
1	Daily Average Farm Humidity						
2	Daily Average Farm Temperature						
3	Daily Farm Power Consumption						
4	4 cloudiness						
5	feels_like						
6	humidity						
7	pressure						
8	temp_max						
9	temp_min						
10	temperature						
11	wind_deg						
12	wind_speed						

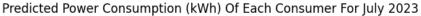
Historical Weather data vs Historical Farm Power Consumption

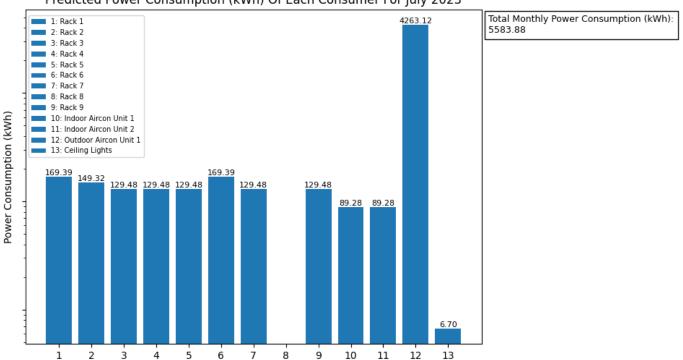


ID	Variable					
1	daily_rainfall_total					
2	maximum_temperature					
3	mean_temperature					
4	minimum_temperature					
5	total_power_consumption					

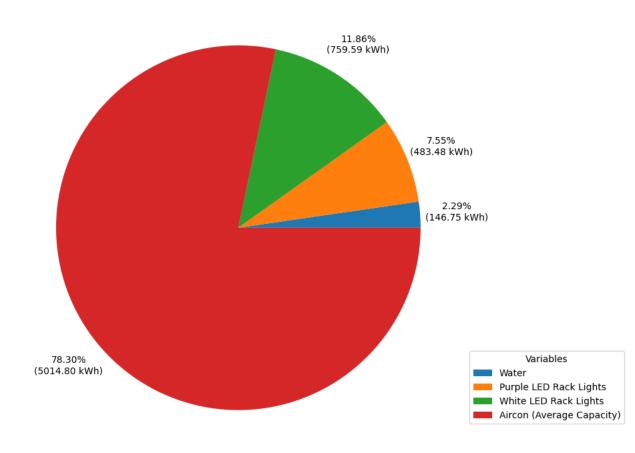








Variables that Affect Monthly Power Consumption - Average Capacity



Variables that Affect Monthly Power Consumption - Max Capacity

