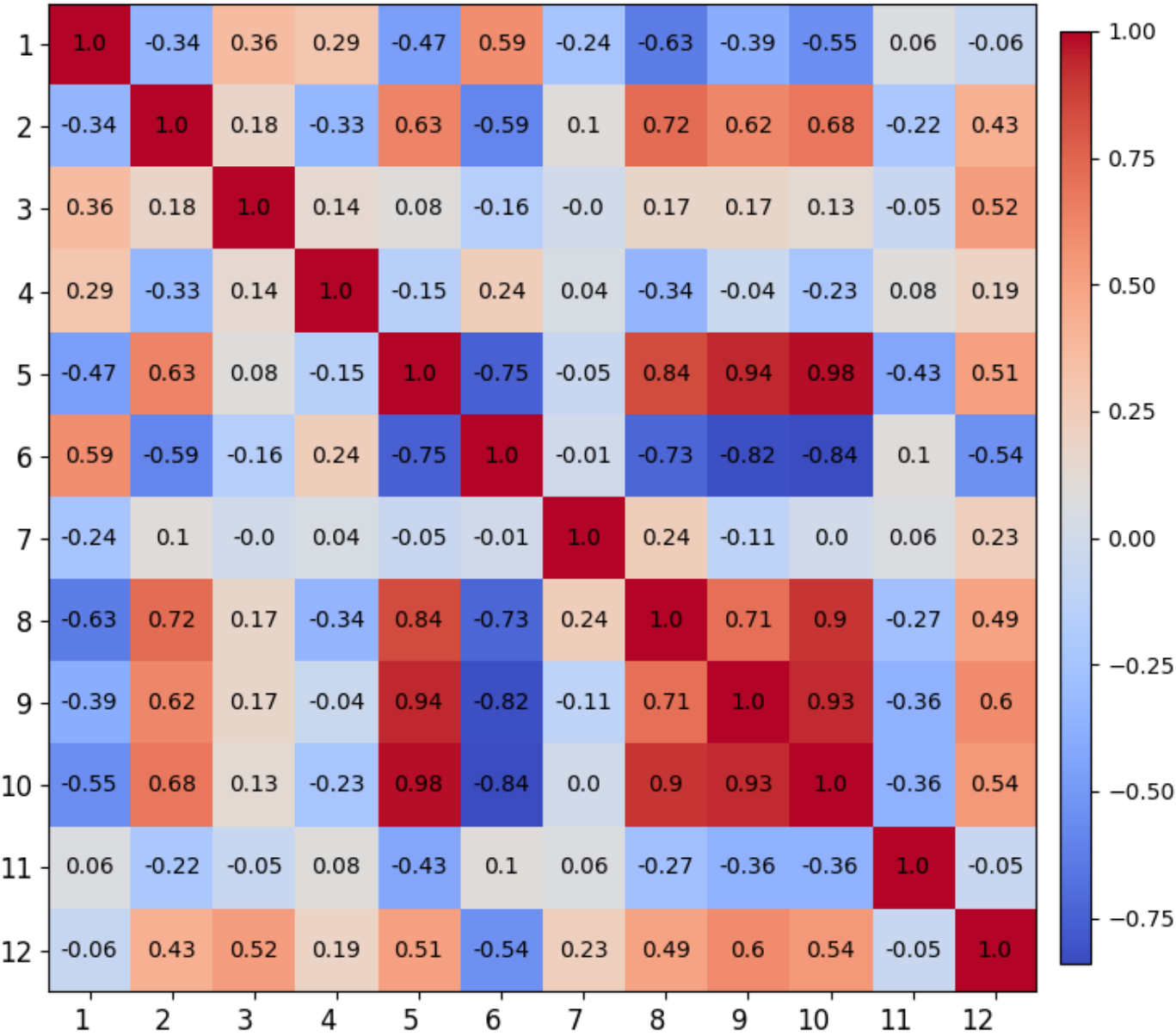
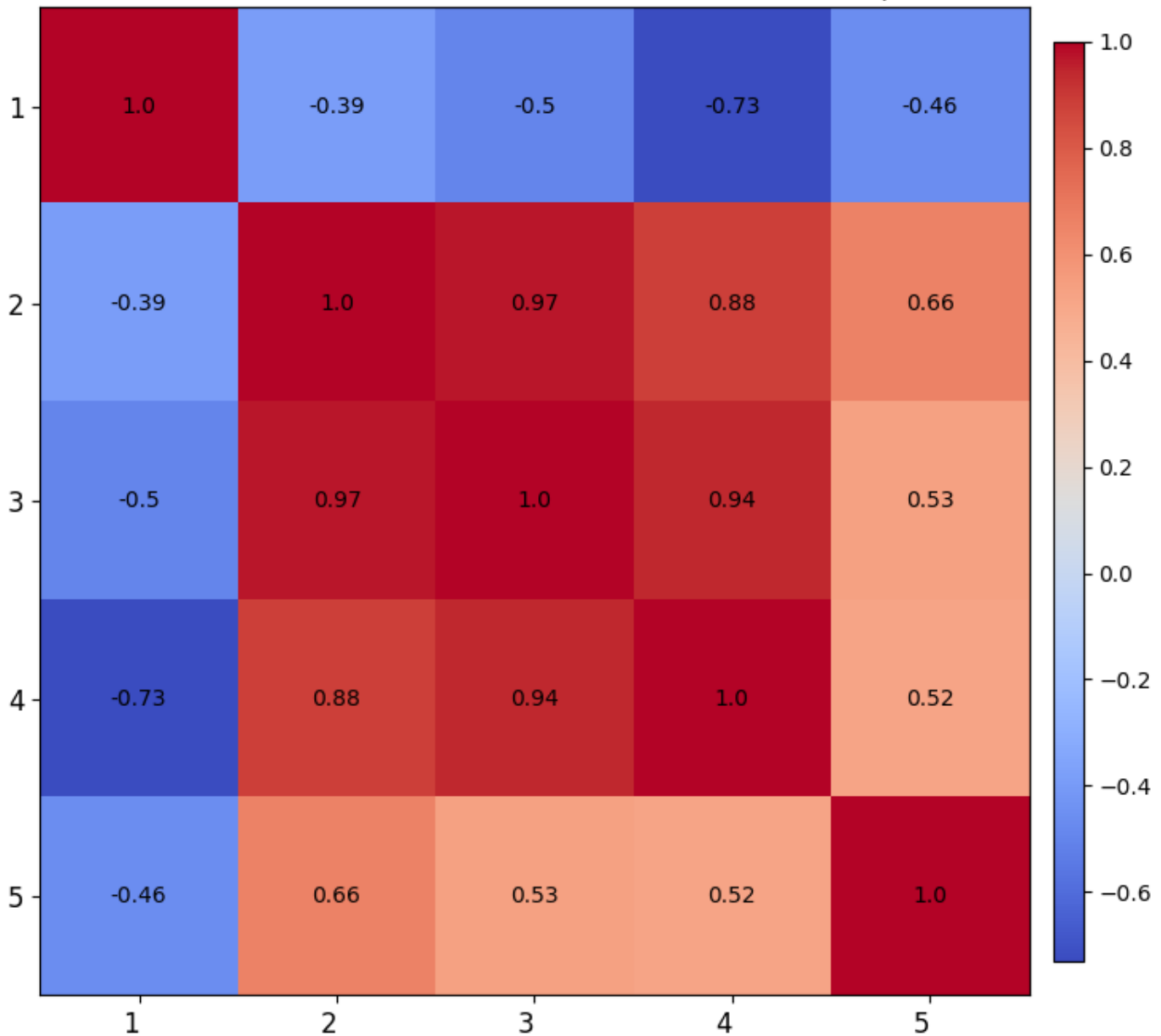


Correlation between farm environmental conditions to estimated power consumption



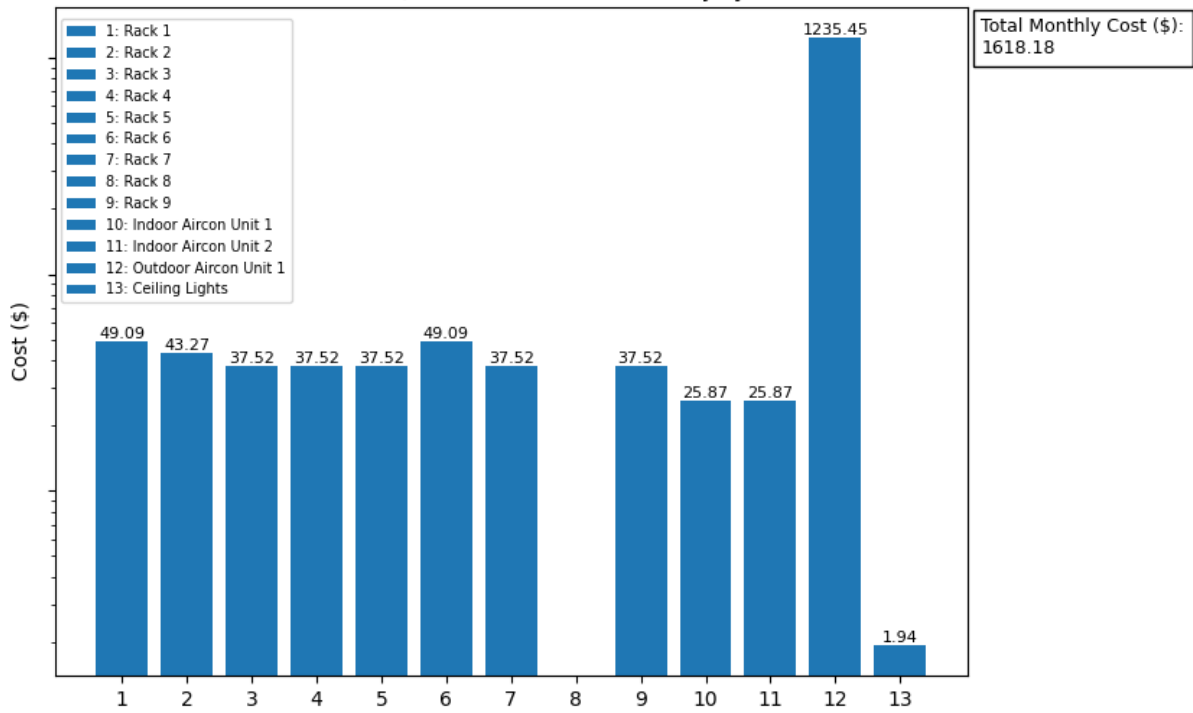
| ID | Variable |
|----|--------------------------------|
| 1 | Daily Average Farm Humidity |
| 2 | Daily Average Farm Temperature |
| 3 | Daily Farm Power Consumption |
| 4 | cloudiness |
| 5 | feels_like |
| 6 | humidity |
| 7 | pressure |
| 8 | temp_max |
| 9 | temp_min |
| 10 | temperature |
| 11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

Historical Weather data vs Historical Farm Power Consumption

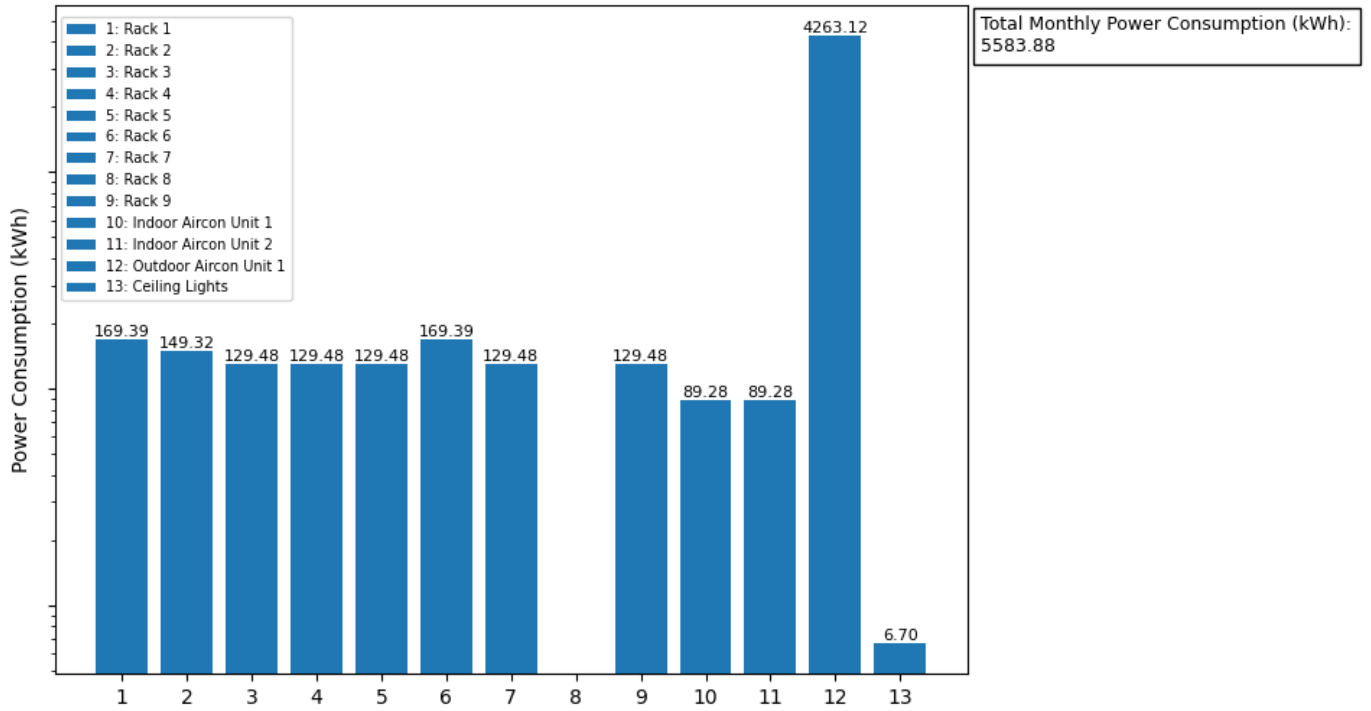


| ID | Variable |
|----|-------------------------|
| 1 | daily_rainfall_total |
| 2 | maximum_temperature |
| 3 | mean_temperature |
| 4 | minimum_temperature |
| 5 | total_power_consumption |

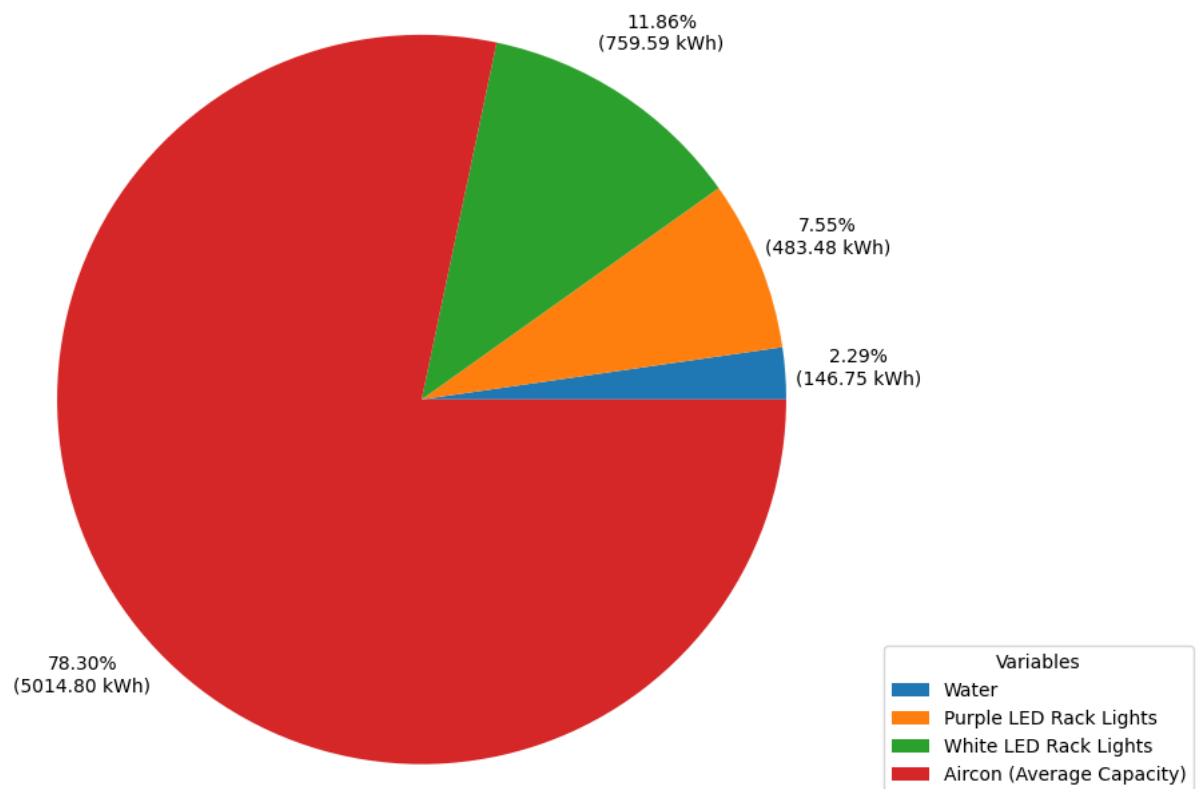
Predicted Cost (\$) Of Each Consumer For July 2023



Predicted Power Consumption (kWh) Of Each Consumer For July 2023



Variables that Affect Monthly Power Consumption - Average Capacity



Variables that Affect Monthly Power Consumption - Max Capacity

