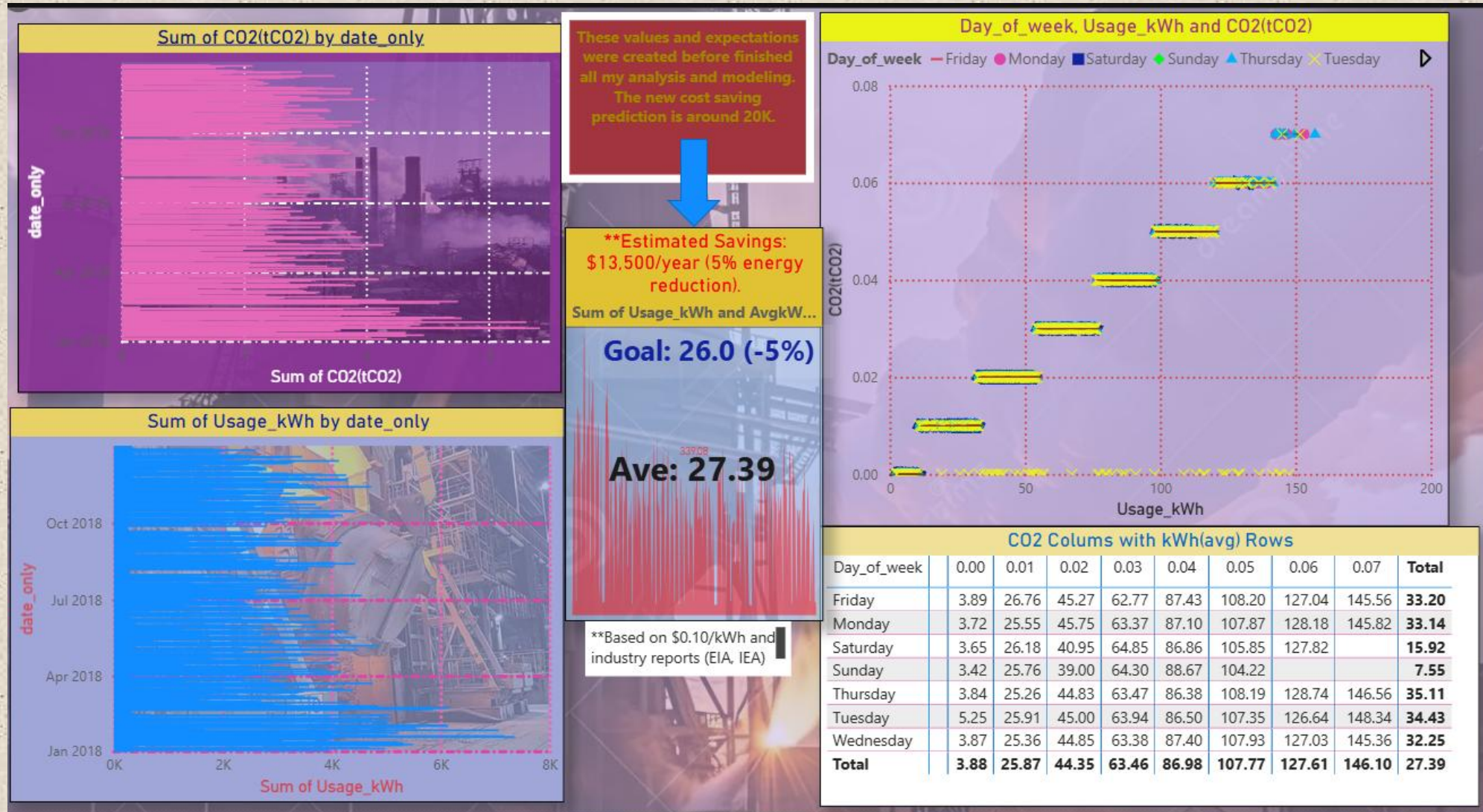


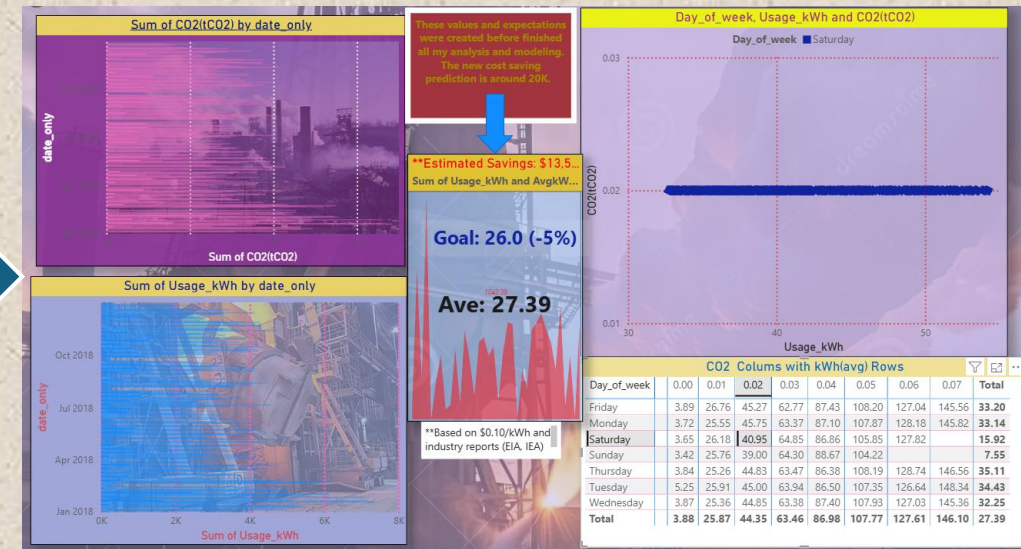
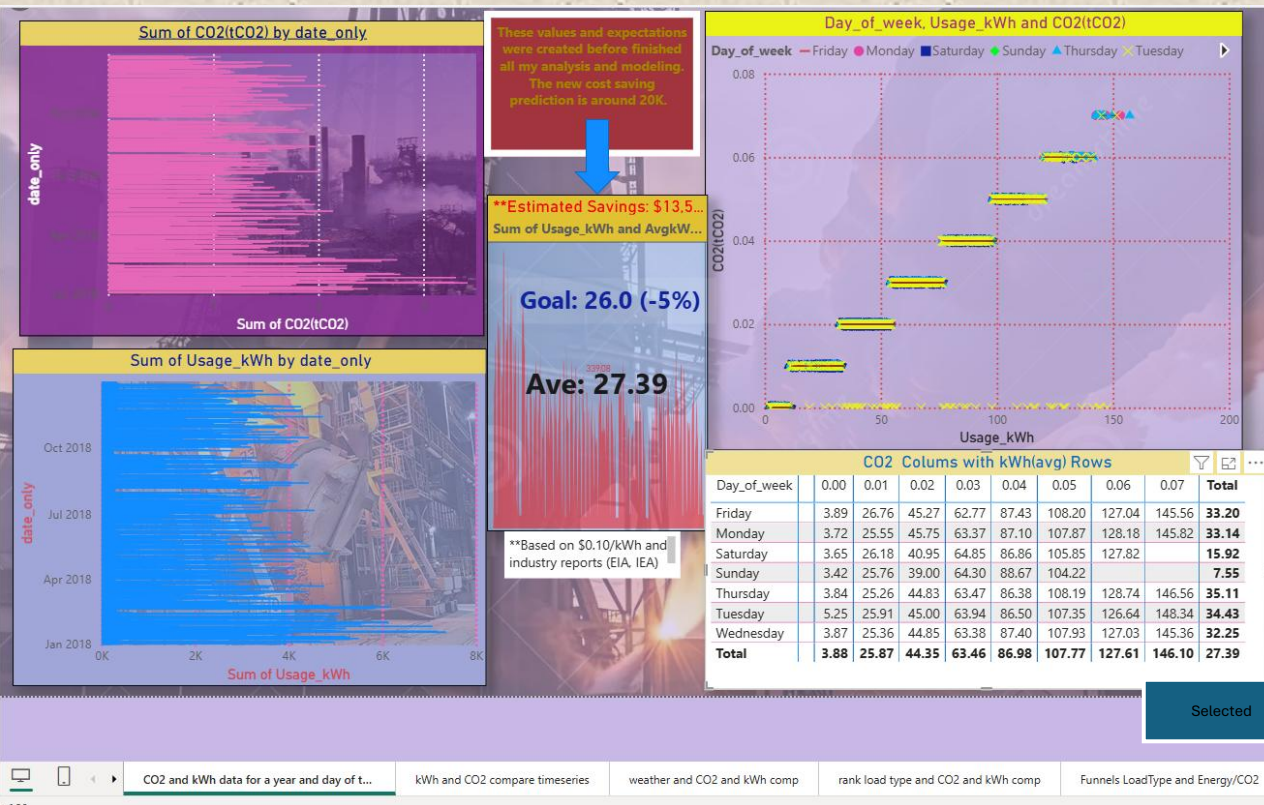
Comparisons with KPI for Energy Usage and Emissions –Report Page

Next slide shows the interactive/Cross Filtering using table



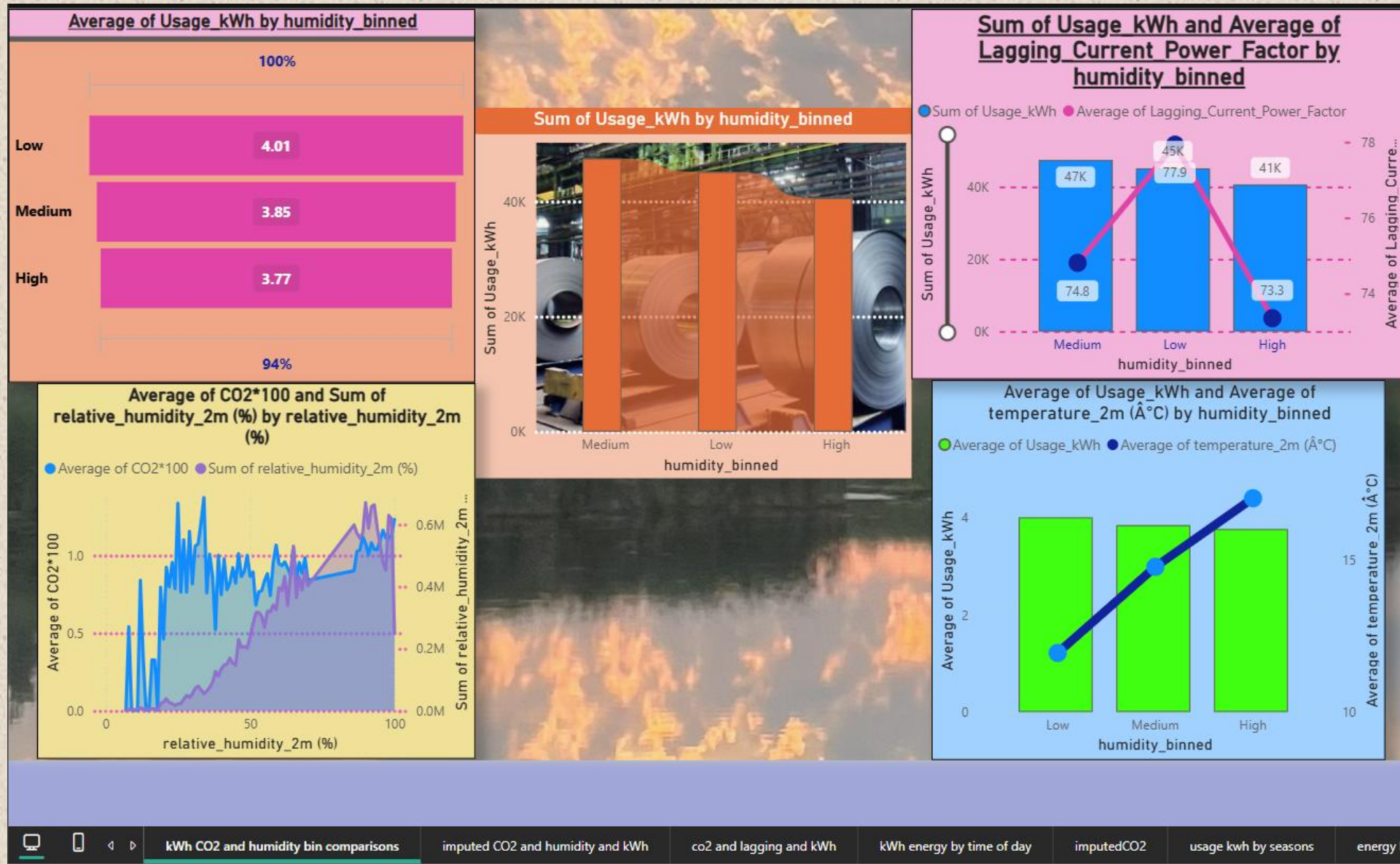
Cross-Filtering from Table to Visuals

- Selecting a cell or row in a table updates the surrounding visuals (bar charts, line plots, KPIs).
- This shows how users can drill into specific categories, metrics.



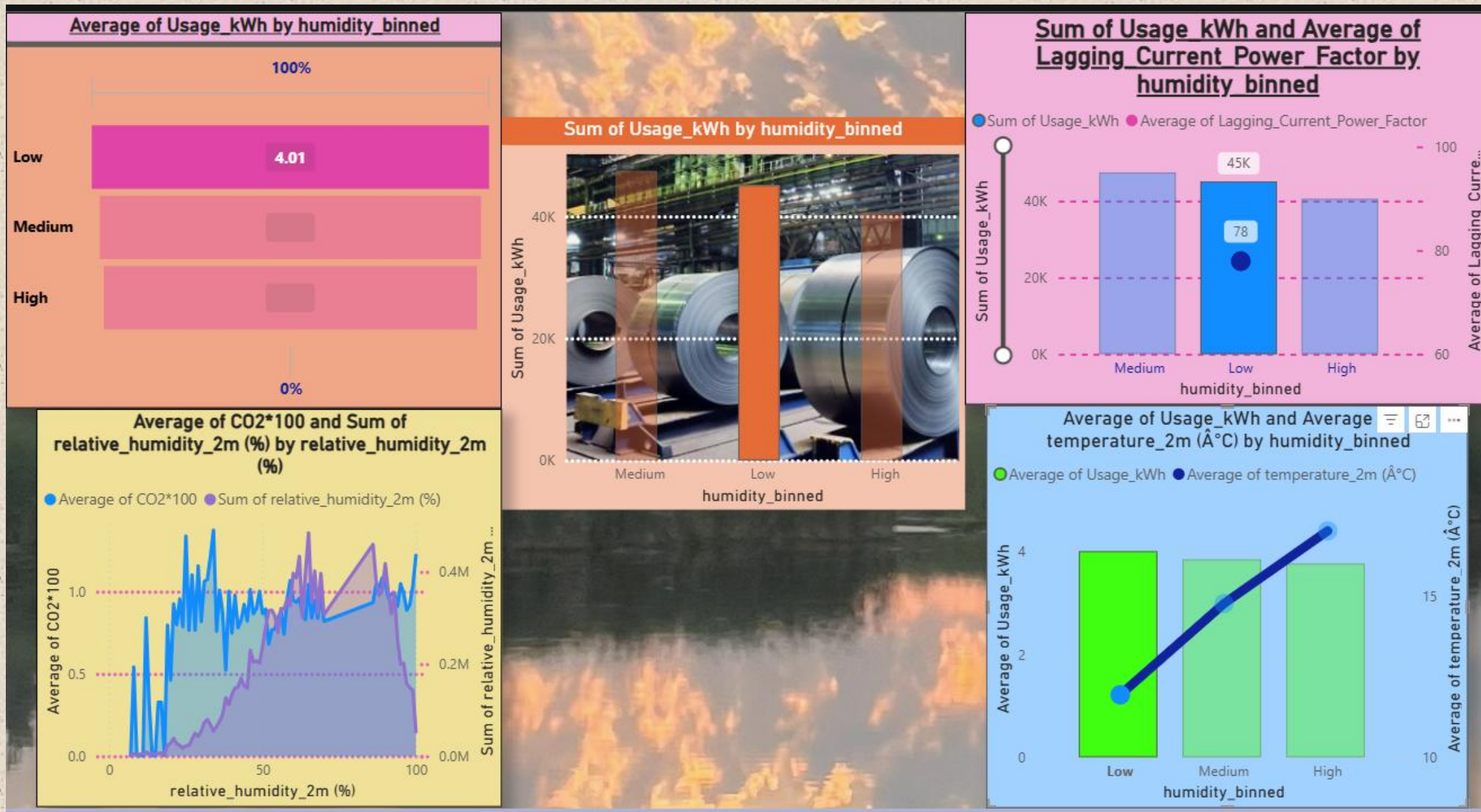
Humidity Bins Analysis with Energy and CO2 – Report Page

Next slide shows Cross-Highlighting: great for understanding the changes for each bin.



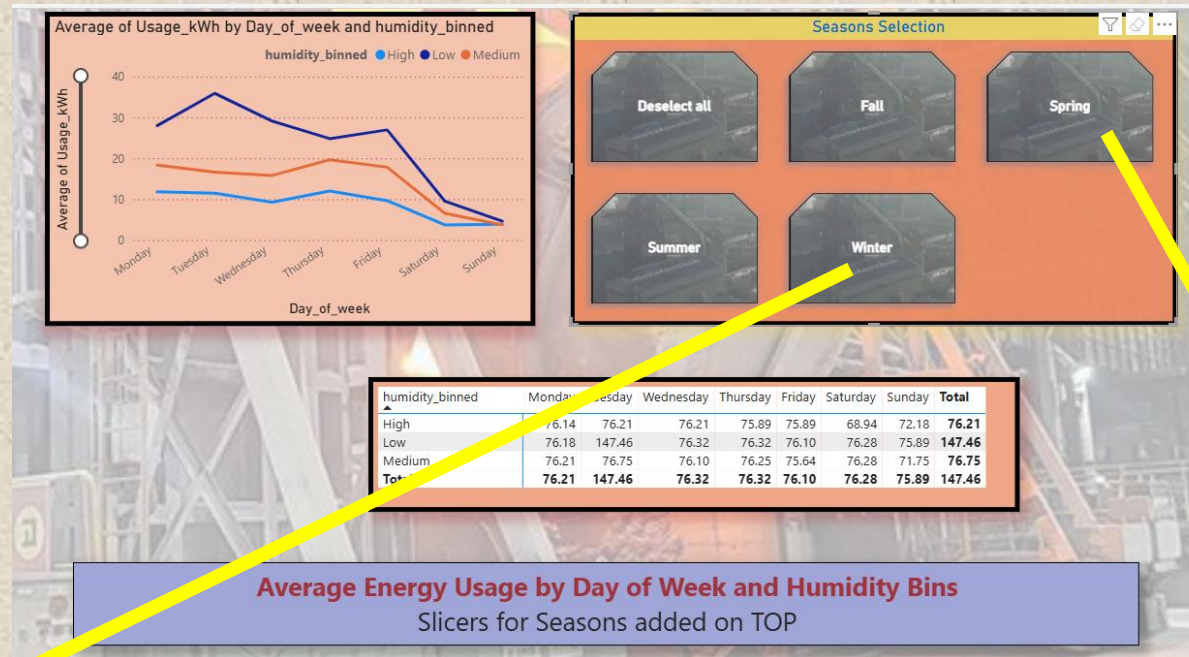
Cross-Highlighting Visuals

- Selected low humidity that was showing trends with higher energy



Slicer Controls

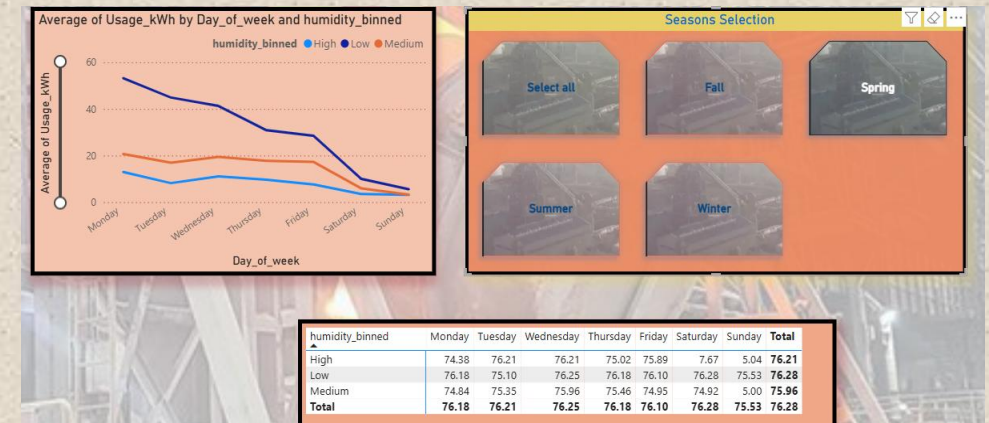
Use slicers for date ranges, categories, or regions.
Seasons **slicers**: Spring, Summer, Fall and Winter



Winter Season
Selected



Spring Season
Selected



Fun with Heat Maps via PowerBI

Humidity Bins by Temperature Bins
CO2x100 Values

humiditybinby10	-15.00	-10.00	-5.00	0.00	5.00	15.00	20.00	25.00	30.00	Total
Total	1.5237	1.0548	1.0970	1.0906	1.1431	1.0721	1.1290	1.2871	1.8530	1.1524
0			0.0000	0.5000						0.4286
10		0.3333	0.8636	1.6250						1.0357
20	2.7500	1.8147	1.3077	2.3550		2.8125	2.1667	2.6250		1.9038
30	2.7813	1.2270	1.8452	1.8806	2.7034	1.9750	2.9211	2.5714		1.9403
40	1.6445	1.4566	1.8406	1.3413	2.1763	2.0131	1.9511	1.2823	0.3438	1.7433
50	1.4670	1.0351	1.0195	1.6146	1.7173	2.0519	1.4735	1.8488	1.7599	1.5242
60	0.2941	0.5678	0.9167	1.2609	1.1852	1.2630	1.5654	1.8208	1.8581	1.2916
70	0.0000	0.5708	0.7128	0.8191	0.8733	0.9317	1.3878	1.6445	2.3636	1.0732
80		0.2100	0.9311	0.3827	0.7325	0.5851	1.0577	0.9368	2.6250	0.7443
90			0.8153	1.0096	0.6266	0.5688	0.7148	0.8796		0.7278
100			1.5000	0.0000	1.0769	0.2594	0.6637			0.6054

Humidity Bins by Temperature Bins
Usage kWh (Avg)

humiditybinby10	-15.00	-10.00	-5.00	0.00	5.00	15.00	20.00	25.00	30.00	Total
0			3.63	13.82						12.36
10		13.65	21.39	37.81						25.42
20	60.22	41.61	31.13	52.76		62.50	47.83	58.44		43.40
30	59.90	29.57	42.79	44.25	59.24	44.16	64.89	57.21		44.37
40	35.72	33.34	42.60	35.44	48.57	45.64	43.15	30.37	11.58	40.20
50	34.06	25.10	25.05	36.62	39.51	46.04	33.29	42.06	39.93	35.10
60	10.72	15.18	22.53	30.54	28.16	29.37	35.43	40.78	41.71	30.22
70	4.89	16.32	18.93	20.42	21.47	22.35	32.09	36.99	53.01	25.66
80		8.43	23.47	11.57	18.54	15.39	24.84	22.55	56.95	18.80
90			20.41	24.61	16.12	15.12	17.98	21.28		18.34
100			36.07	3.36	25.90	8.65	16.84			15.80
Total	34.41	25.56	26.73	26.77	27.10	25.54	26.48	29.81	41.81	27.39