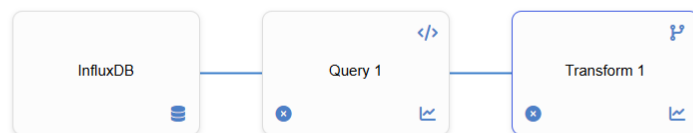




afe_10_amb_ntc	afe_10_calp	afe_10_cb_ntc	afe_10_cell_ntc_3	afe_10_cell_ntc_4	afe_10_cell_ntc_6	afe_10_cell_sum_voltage	afe_10_cell_volt_1	afe_10_cell_volt_10	afe_10_cell_volt_11	afe_10_cell_volt_2	afe_10_cell_volt_3	afe_10_cell_volt_4
2735	2000	2629	2812	2593	2587	40311	3658	3671	3678	3661	3660	3661
2775	2000	2590	2727	2518	2505	40294	3660	3669	3678	3660	3660	3660
2763	1999	2632	2835	2583	2551	40874	3713	3723	3718	3712	3713	3714
2814	1999	2672	2800	2582	2573	40876	3711	3719	3729	3712	3713	3712
2732	2000	2572	2645	2465	2430	41640	3780	3790	3797	3782	3782	3783
2730	2000	2597	2754	2548	2530	40590	3684	3695	3703	3686	3684	3687
2786	2000	2643	2745	2524	2496	41389	3758	3768	3773	3760	3759	3760
2734	2000	2584	2803	2585	2553	40585	3684	3689	3704	3687	3675	3688
2735	1999	2629	2814	2595	2589	40109	3641	3652	3660	3643	3642	3642
2776	2000	2590	2726	2518	2505	40410	3671	3679	3688	3671	3671	3670
2763	1999	2632	2836	2585	2552	41160	3739	3749	3744	3738	3739	3740
2814	1999	2671	2801	2582	2574	40375	3666	3673	3684	3666	3667	3667
2732	2000	2573	2646	2466	2430	41390	3757	3768	3775	3760	3759	3761
2732	1999	2598	2756	2550	2532	40713	3696	3706	3714	3698	3695	3698
2734	1999	2584	2805	2587	2554	40704	3695	3699	3714	3698	3687	3699
2787	2000	2643	2747	2525	2497	41131	3734	3745	3750	3736	3735	3736
2734	2000	2630	2814	2595	2589	39972	3627	3640	3648	3630	3629	3630
2776	1999	2590	2728	2520	2507	40476	3676	3686	3694	3676	3676	3676
2763	1999	2632	2837	2586	2553	41372	3758	3768	3763	3758	3758	3759



Navigator: Transform 1

Advanced **Reset**

SELECT:

WHERE: =

AND **OR**

Generated SQL Statement:

```
SELECT * FROM df
WHERE hub_lru_name = 'BAT1'
```

Results: Transform 1 (100 Rows x 473 Columns)

_1_4	fpc_id_5_8	fuse_blown	hovertime	remaining	hub_lru_name	hvil_state	hw_version	icd_version	input_discretes	inserted_at	last_failed_can_rx_msg	lv_28vdc1_mon	lv_28vdc2_mon	lv_5v_mon	lv_vbat1_mon	lv_vbat2_mon
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934391.8076773	0	27987	28112	4988	27606	27624
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934391.8078475	0	27987	28120	4986	27588	27633
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934391.808052	0	27979	28112	4986	27588	27624
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934391.8082669	0	27996	28103	4988	27588	27624
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934391.8518727	0	27996	28103	4988	27597	27633
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934391.8520668	0	27970	28094	4986	27579	27615
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934391.8522615	0	27996	28103	4986	27579	27624
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934391.8524451	0	27996	28112	4986	27597	27624
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934391.8526256	0	27987	28112	4986	27588	27615
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934391.8528037	0	27970	28103	4985	27571	27615
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934391.8530006	0	27970	28103	4986	27579	27615
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934391.8575292	0	27987	28112	4986	27597	27633
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934391.8577754	0	27996	28112	4986	27597	27624
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934391.8579547	0	27987	28112	4986	27579	27624
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934392.78452	0	27979	28112	4986	27579	27624
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934392.784727	0	27970	28094	4985	27571	27615
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934392.7849271	0	27987	28112	4988	27597	27615
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934392.78513	0	27987	28103	4988	27579	27615
31859	1128481603	0	180		BAT1	1	2	BATSPK_4.2.0	935726087	1721934392.7853343	0	27987	28103	4988	27597	27624

InfluxDB Navigator

localhost:8000

General

Private

Topics

Tools

VMS

Dev

Doc Archive

SharePoint

Sprint

Confluence

Jama

GitHub

Chat

Copilot

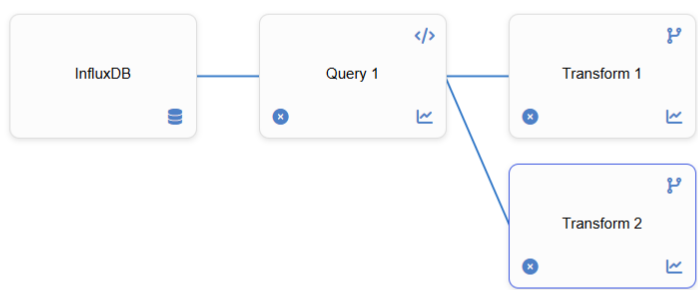
Perplexity

Repos

Results: Transform 1 (100 Rows x 473 Columns)

	system_id	system_time	time	total_pack_voltage	uir_coulomb_average	uir_coulomb_count	uir_current	uir_die1_temp	uir_die2_temp	uir_iso_res_hv_neg	uir_iso_res_hv_pos	uir_k_post_neg_volt	uir_k_post_pos_volt	uir_k_pre_pos_volt	uir_ntc_conhvn	uir_ntc_conhvp	uir_ntc_fuse	uir_ntc_shunt	time_ns
05	demo-sn002	12123100	2024-07-25T16:47:00.037487	646832	44128568	602	-125895	5060	5180	1500	2870	2102	659570	658600	3492	3132	3188	4106	1721922420
05	demo-sn002	12123200	2024-07-25T16:47:00.138399	649358	43676340	614	-150724	5080	5170	1500	2870	2119	659570	658600	3492	3133	3188	4107	1721922420
05	demo-sn002	12123300	2024-07-25T16:47:00.237489	653058	43668892	614	-158366	5070	5190	1500	2870	2121	659570	658600	3493	3133	3188	4109	1721922420
05	demo-sn002	12123400	2024-07-25T16:47:00.337489	647258	44122936	602	-116032	5070	5190	1500	2870	2104	659570	658600	3494	3133	3189	4110	1721922420
05	demo-sn002	12123500	2024-07-25T16:47:00.437489	660449	43683652	614	-152898	5070	5180	1500	2870	2113	659570	658600	3494	3134	3189	4111	1721922420
05	demo-sn002	12123600	2024-07-25T16:47:00.537494	656210	43655896	614	-217984	5060	5180	1500	2870	2142	659570	658600	3494	3134	3190	4113	1721922420
05	demo-sn002	12123700	2024-07-25T16:47:00.637492	659292	44118324	602	-150022	5080	5150	1500	2870	2106	659570	658600	3495	3134	3190	4115	1721922420
05	demo-sn002	12123800	2024-07-25T16:47:00.737495	649432	43678100	614	-140157	5080	5160	1500	2870	2107	659570	658600	3496	3135	3190	4116	1721922420
05	demo-sn002	12123900	2024-07-25T16:47:00.837496	651384	43671612	614	-140819	5070	5170	1500	2870	2102	659570	658600	3496	3135	3191	4117	1721922420
05	demo-sn002	12124000	2024-07-25T16:47:00.937494	645442	44103964	602	-167392	5060	5190	1500	2870	2118	659570	658600	3497	3136	3191	4119	1721922420
05	demo-sn002	12124100	2024-07-25T16:47:01.037497	651862	43670920	614	-120702	5060	5180	1500	2870	2095	659570	658600	3497	3136	3191	4121	1721922421
05	demo-sn002	12124200	2024-07-25T16:47:01.138409	649534	43686252	614	-133049	5050	5190	1500	2870	2109	659570	658600	3498	3136	3191	4121	1721922421
05	demo-sn002	12124300	2024-07-25T16:47:01.237498	650506	44122708	602	-153186	5070	5180	1500	2870	2109	659570	658600	3498	3137	3191	4123	1721922421
05	demo-sn002	12124400	2024-07-25T16:47:01.337498	651804	43664224	614	-166639	5060	5190	1500	2870	2121	659570	658600	3499	3137	3192	4125	1721922421
05	demo-sn002	12124500	2024-07-25T16:47:01.437501	640432	43659812	614	-122996	5060	5180	1500	2870	2103	659570	658600	3499	3137	3193	4125	1721922421
05	demo-sn002	12124600	2024-07-25T16:47:01.537508	650992	44144084	602	-98204	5040	5190	1677	3135	2091	659570	658600	3500	3138	3192	4127	1721922421
05	demo-sn002	12124700	2024-07-25T16:47:01.637503	653662	43698884	614	-128164	5070	5190	1677	3135	2110	659570	659590	3500	3138	3193	4128	1721922421
05	demo-sn002	12124800	2024-07-25T16:47:01.737504	661620	43676764	614	-168088	5050	5200	1677	3135	2119	652961	659590	3501	3138	3193	4130	1721922421
05	demo-sn002	12124900	2024-07-25T16:47:01.837624	656994	44115052	602	-200235	5060	5190	1677	3135	2134	652961	655784	3502	3139	3194	4132	1721922421
05	demo-sn002	12125000	2024-07-25T16:47:01.937583	661548	43673176	614	-139879	5060	5190	1677	3135	2100	656900	662852	3502	3139	3194	4132	1721922421
05	demo-sn002	12125100	2024-07-25T16:47:02.037583	658266	43690776	614	-143173	5070	5180	1677	3135	2109	656548	662852	3502	3140	3194	4134	1721922422
05	demo-sn002	12125200	2024-07-25T16:47:02.138538	653278	44115036	602	-157853	5060	5200	1677	3135	2110	656548	650968	3503	3139	3194	4136	1721922422
05	demo-sn002	12125300	2024-07-25T16:47:02.237627	644188	43658224	614	-162265	5060	5180	1677	3135	2117	646664	650968	3504	3140	3194	4137	1721922422
05	demo-sn002	12125400	2024-07-25T16:47:02.337510	651910	43673784	614	-144534	5080	5180	1677	3135	2112	657305	653300	3504	3140	3195	4138	1721922422
05	demo-sn002	12125500	2024-07-25T16:47:02.437509	652956	44132044	602	-140147	5060	5190	1677	3135	2109	657305	659211	3505	3141	3195	4140	1721922422
05	demo-sn002	12125600	2024-07-25T16:47:02.537632	656648	43680772	614	-147444	5060	5180	1677	3135	2110	657086	659211	3506	3141	3196	4141	1721922422
05	demo-sn002	12125700	2024-07-25T16:47:02.637588	655248	44117480	602	-170470	5060	5190	1677	3135	2116	654170	654402	3506	3141	3196	4142	1721922422
05	demo-sn002	12125800	2024-07-25T16:47:02.737589	653303	43666160	614	-172422	5070	5170	1677	3135	2120	654170	650490	3506	3141	3197	4144	1721922422
05	demo-sn002	12125900	2024-07-25T16:47:02.837632	658592	43665116	614	-176940	5070	5190	1677	3135	2119	651938	650490	3507	3142	3197	4145	1721922422
05	demo-sn002	12126000	2024-07-25T16:47:02.937630	654230	44121480	602	-159392	5090	5180	1677	3135	2110	651938	656455	3508	3142	3197	4146	1721922422
05	demo-sn002	12126100	2024-07-25T16:47:03.037513	658792	43678336	614	-155109	5060	5180	1677	3135	2108	660939	656455	3508	3143	3197	4148	1721922423
05	demo-sn002	12126200	2024-07-25T16:47:03.138425	658802	43682124	614	-158314	5080	5180	1677	3135	2111	660939	656455	3509	3143	3197	4149	1721922423
05	demo-sn002	12126300	2024-07-25T16:47:03.237514	651716	44126384	602	-146320	5080	5180	1677	3135	2109	660939	656455	3509	3144	3198	4150	1721922423
05	demo-sn002	12126400	2024-07-25T16:47:03.337516	651332	43668664	614	-153659	5080	5180	1677	3135	2110	660939	656455	3510	3144	3198	4151	1721922423
05	demo-sn002	12126500	2024-07-25T16:47:03.437517	648376	43670400	614	-146377	5080	5190	1677	3135	2112	660939	656455	3510	3144	3198	4153	1721922423
05	demo-sn002	12126600	2024-07-25T16:47:03.537519	655006	44134572	602	-127759	5060	5190	1677	3135	2104	660939	656455	3511	3145	3198	4155	1721922423
05	demo-sn002	12126700	2024-07-25T16:47:03.637518	650488	43669316	614	-167175	5060	5190	1677	3135	2122	660939	656455	3511	3144	3199	4155	1721922423
05	demo-sn002	12126800	2024-07-25T16:47:03.737518	658352	43675732	614	-155724	5050	5200	1677	3135	2117	660939	656455	3511	3145	3200	4157	1721922423
05	demo-sn002	12126900	2024-07-25T16:47:03.837519	654391	44113556	602	-172417	5060	5190	1677	3135	2118	660939	656455	3512	3145	3200	4159	1721922423
05	demo-sn002	12127000	2024-07-25T16:47:03.937518	652568	43666140	614	-156554	5070	5200	1677	3135	2111	660939	656455	3513	3145	3200	4159	1721922423
05	demo-sn002	12127100	2024-07-25T16:47:04.037521	653224	43668288	614	-173121	5080	5180	1677	3135	2119	660939	656455	3513	3146	3200	4162	1721922424

InfluxDB Navigator



Navigator: Transform 2

Advanced

Reset

SELECT:

Select columns

WHERE:

hub_lru_name

=

BAT2

AND

OR

AND

system_time

>

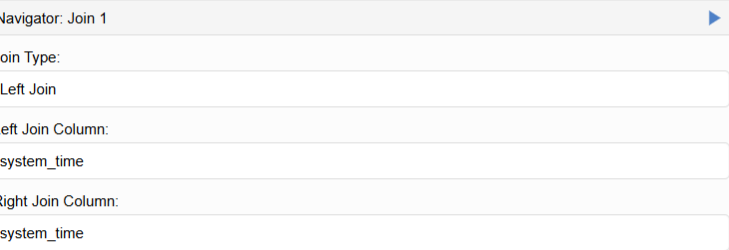
1000

Generated SQL Statement:

```
SELECT * FROM df
WHERE hub_lru_name = 'BAT2'
AND system_time > '1000'
```

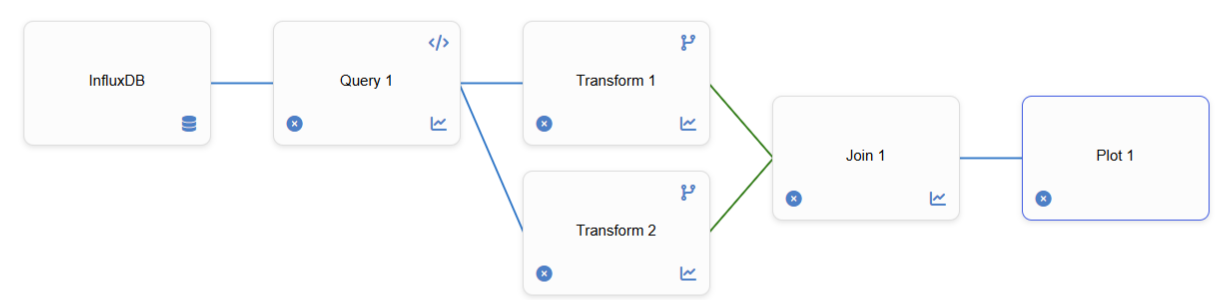
Results: Transform 2 (100 Rows x 473 Columns)

afe_10_amb_ntc	afe_10_calp	afe_10_cb_ntc	afe_10_cell_ntc_3	afe_10_cell_ntc_4	afe_10_cell_ntc_6	afe_10_cell_sum_voltage	afe_10_cell_volt_1	afe_10_cell_volt_10	afe_10_cell_volt_11	afe_10_cell_volt_2	afe_10_cell_volt_3	afe_10_cell_volt_4
2814	1999	2672	2800	2582	2573	40876	3711	3719	3729	3712	3713	3712
2814	1999	2671	2801	2582	2574	40375	3666	3673	3684	3666	3667	3667
2814	2000	2673	2802	2583	2576	40385	3667	3674	3685	3667	3668	3668
2814	1999	2671	2803	2585	2576	40495	3677	3684	3695	3677	3678	3678
2814	2000	2671	2804	2585	2578	40789	3704	3710	3720	3705	3705	3705
2815	1999	2672	2805	2587	2578	41230	3744	3751	3759	3745	3746	3745
2814	2000	2672	2806	2588	2578	40756	3701	3708	3718	3702	3702	3702
2814	2000	2671	2808	2589	2581	41094	3732	3738	3748	3732	3733	3733
2813	2000	2672	2807	2589	2581	41294	3750	3757	3766	3750	3751	3751
2814	1999	2672	2809	2590	2583	41589	3777	3784	3791	3778	3778	3778
2814	2000	2671	2809	2591	2583	40970	3720	3728	3737	3721	3721	3721
2815	1999	2672	2810	2593	2585	40813	3706	3713	3723	3707	3707	3707
2815	2000	2672	2811	2592	2585	39978	3630	3637	3649	3630	3631	3631
2814	2000	2672	2812	2594	2585	40705	3696	3703	3713	3696	3697	3697
2813	2000	2671	2813	2594	2586	41022	3725	3732	3742	3725	3726	3726
2814	2000	2672	2814	2596	2588	40439	3671	3679	3690	3672	3673	3673
2814	2000	2672	2814	2598	2589	40115	3642	3650	3661	3643	3644	3643
2814	1999	2671	2816	2598	2590	40464	3675	3681	3692	3675	3675	3675
2815	2000	2671	2816	2599	2591	40831	3709	3714	3724	3709	3709	3709



afe_10_amb_ntc	afe_10_calp	afe_10_cb_ntc	afe_10_cell_ntc_3	afe_10_cell_ntc_4	afe_10_cell_ntc_6	afe_10_cell_sum_voltage	afe_10_cell_volt_1	afe_10_cell_volt_10	afe_10_cell_volt_11	afe_10_cell_volt_2	afe_10_cell_volt_3	afe_10_cell_volt_4
2786	2000	2643	2745	2524	2496	41389	3758	3768	3773	3760	3759	3760
2787	2000	2643	2747	2525	2497	41131	3734	3745	3750	3736	3735	3736
2786	2000	2642	2747	2525	2497	41072	3728	3740	3745	3730	3730	3731
2786	2000	2643	2747	2526	2498	41726	3789	3798	3803	3791	3790	3790
2786	2000	2643	2749	2527	2500	40864	3710	3721	3726	3711	3711	3711
2786	2000	2643	2749	2528	2500	40225	3651	3664	3669	3653	3652	3653
2786	2000	2643	2751	2529	2502	40879	3712	3722	3727	3713	3713	3713
2786	2000	2643	2752	2530	2502	41132	3735	3745	3750	3736	3736	3736
2786	2000	2643	2753	2531	2503	40938	3717	3727	3732	3719	3718	3719
2786	2000	2643	2753	2532	2505	40850	3709	3719	3724	3710	3710	3710
2786	2000	2642	2754	2532	2504	41179	3739	3749	3754	3741	3740	3741
2787	2000	2643	2756	2534	2507	41486	3767	3777	3781	3769	3768	3768
2786	2000	2644	2756	2535	2508	40970	3720	3730	3735	3721	3721	3721
2786	2000	2643	2757	2536	2508	40763	3701	3712	3717	3702	3702	3702
2787	2000	2643	2759	2537	2510	41521	3771	3780	3784	3772	3771	3771
2786	2000	2643	2758	2537	2510	41755	3792	3800	3805	3793	3793	3793
2786	2000	2643	2759	2539	2511	41542	3772	3782	3786	3774	3773	3774
2786	2000	2643	2760	2539	2513	40681	3693	3704	3710	3695	3695	3695
2786	2000	2643	2761	2541	2514	40396	3667	3679	3685	3669	3668	3669

InfluxDB Navigator



Navigator: Plot 1

X Values:

time

Y Values:

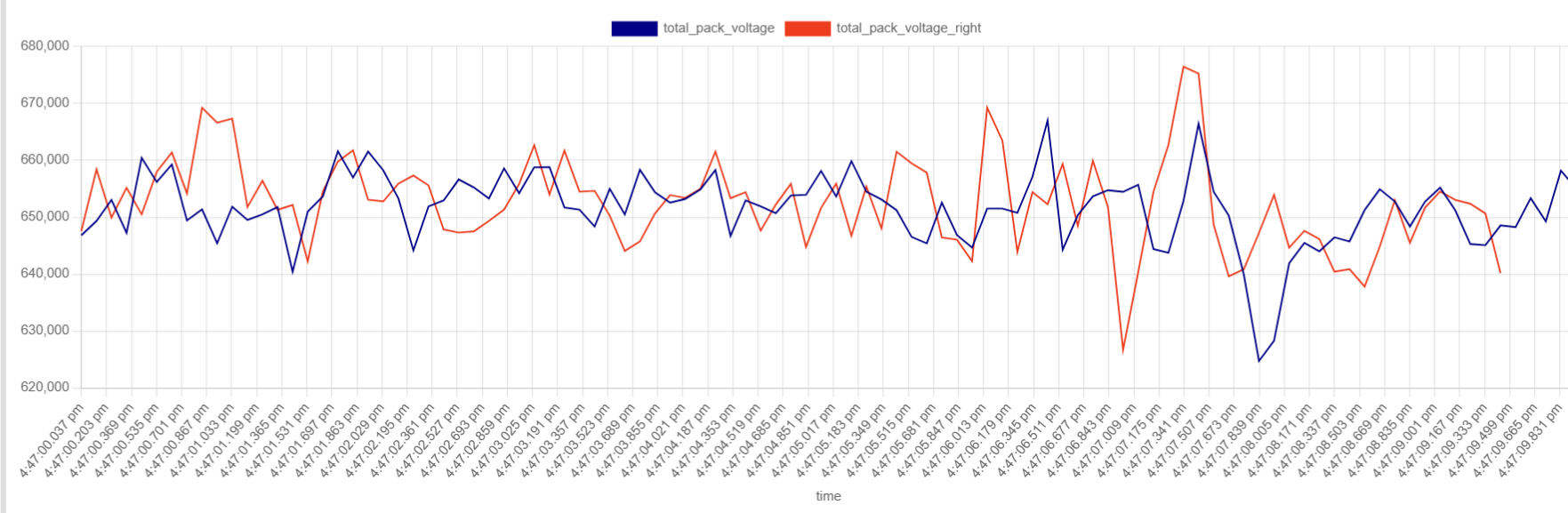
total_pack_voltage

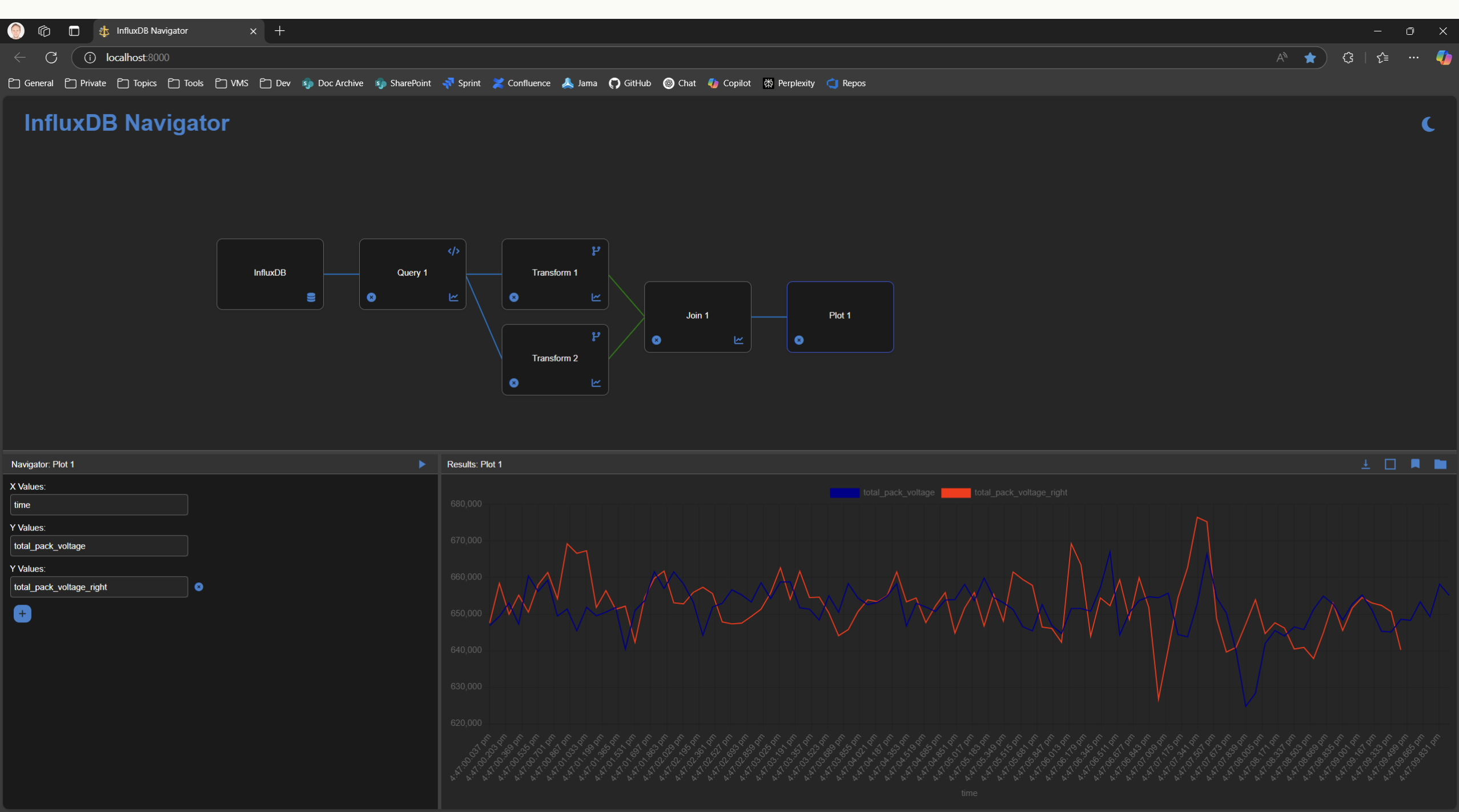
Y Values:

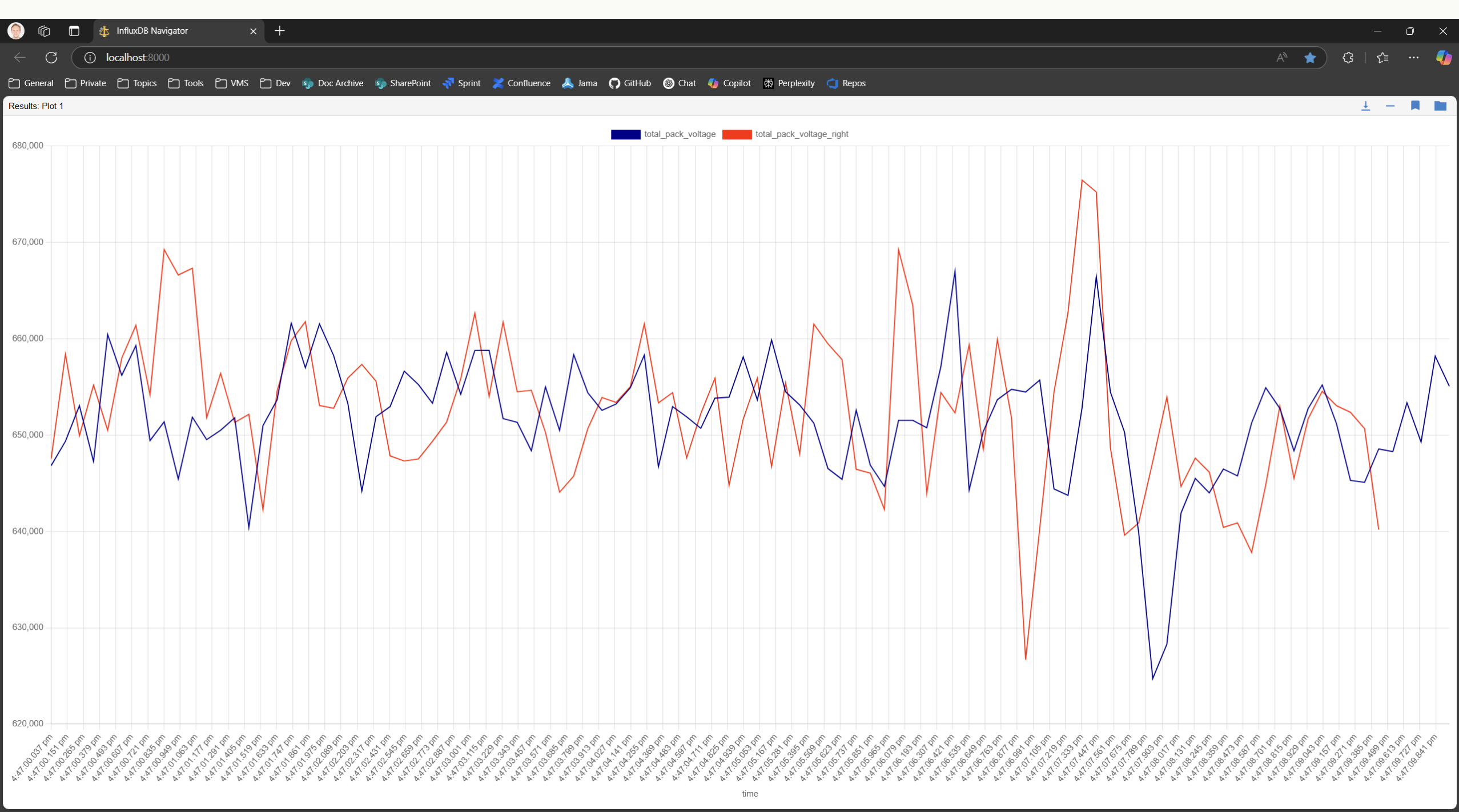
total_pack_voltage_right

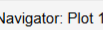
+

Results: Plot 1









time

max_cell_temp

min_cell_temp

avg_cell_temp

The graph displays three data series over time from 4:47:00.037 pm to 4:47:09.831 pm. The y-axis represents temperature in degrees Celsius, ranging from 2,400 to 3,000. The x-axis represents time in minutes and seconds. The legend indicates three series: max_cell_temp (blue line), min_cell_temp (red line), and avg_cell_temp (green line). The max_cell_temp starts at approximately 2,880°C and rises to about 2,970°C. The min_cell_temp starts at approximately 2,460°C and rises to about 2,560°C. The avg_cell_temp starts at approximately 2,590°C and rises to about 2,690°C.

time	max_cell_temp	min_cell_temp	avg_cell_temp
4:47:00.037 pm	2880	2460	2590
4:47:00.203 pm	2880	2460	2590
4:47:00.369 pm	2880	2460	2590
4:47:00.535 pm	2880	2460	2590
4:47:00.701 pm	2880	2460	2590
4:47:00.867 pm	2880	2460	2590
4:47:01.033 pm	2880	2460	2590
4:47:01.199 pm	2880	2460	2590
4:47:01.365 pm	2880	2460	2590
4:47:01.531 pm	2880	2460	2590
4:47:01.697 pm	2880	2460	2590
4:47:01.863 pm	2880	2460	2590
4:47:02.029 pm	2880	2460	2590
4:47:02.195 pm	2880	2460	2590
4:47:02.361 pm	2880	2460	2590
4:47:02.527 pm	2880	2460	2590
4:47:02.693 pm	2880	2460	2590
4:47:02.859 pm	2880	2460	2590
4:47:03.025 pm	2880	2460	2590
4:47:03.191 pm	2880	2460	2590
4:47:03.357 pm	2880	2460	2590
4:47:03.523 pm	2880	2460	2590
4:47:03.689 pm	2880	2460	2590
4:47:03.855 pm	2880	2460	2590
4:47:04.021 pm	2880	2460	2590
4:47:04.187 pm	2880	2460	2590
4:47:04.353 pm	2880	2460	2590
4:47:04.519 pm	2880	2460	2590
4:47:04.685 pm	2880	2460	2590
4:47:04.851 pm	2880	2460	2590
4:47:05.017 pm	2880	2460	2590
4:47:05.183 pm	2880	2460	2590
4:47:05.349 pm	2880	2460	2590
4:47:05.515 pm	2880	2460	2590
4:47:05.681 pm	2880	2460	2590
4:47:05.847 pm	2880	2460	2590
4:47:06.013 pm	2880	2460	2590
4:47:06.179 pm	2880	2460	2590
4:47:06.345 pm	2880	2460	2590
4:47:06.511 pm	2880	2460	2590
4:47:06.677 pm	2880	2460	2590
4:47:06.843 pm	2880	2460	2590
4:47:07.009 pm	2880	2460	2590
4:47:07.175 pm	2880	2460	2590
4:47:07.341 pm	2880	2460	2590
4:47:07.507 pm	2880	2460	2590
4:47:07.673 pm	2880	2460	2590
4:47:07.839 pm	2880	2460	2590
4:47:08.005 pm	2880	2460	2590
4:47:08.171 pm	2880	2460	2590
4:47:08.337 pm	2880	2460	2590
4:47:08.503 pm	2880	2460	2590
4:47:08.669 pm	2880	2460	2590
4:47:08.835 pm	2880	2460	2590
4:47:09.001 pm	2880	2460	2590
4:47:09.167 pm	2880	2460	2590
4:47:09.333 pm	2880	2460	2590
4:47:09.499 pm	2880	2460	2590
4:47:09.665 pm	2880	2460	2590
4:47:09.831 pm	2880	2460	2590