Dataframe variable names

Unit 4

	column	pa_dtype
0	tot_activepower	double
1	plant_tmp	double
2	ext_tmp	double
3	water_primary_cold_tmp	double
4	water_primary_hot_tmp	double
5	valve_opening	double
6	refri_bath_level	double
7	aspi_bath_level	double
8	canal_level	double
9	canal_tmp	double
10	water_primary_filter_out_pressure	double
11	water_primary_filter_in_pressure	double
12	lake_tmp	double
13	coupler_position	double
14	tot_reactivepower	double
15	injector12_pressure	double
16	injector34_pressure	double
17	pump_rotspeed	double
18	injector_01_opening	double
19	injector_02_opening	double
20	injector_03_opening	double
21	injector_04_opening	double
22	turbine_rotspeed	double
23	exc_freq	double
24	exc_current	double
25	exc_voltage	double

	column	pa_dtype
26	powerfactor	double
27	elec_freq	double
28	ph01_current	double
29	ph02_current	double
30	ph03_current	double
31	ph01_voltage	double
32	ph12_voltage	double
33	ph02_voltage	double
34	ph23_voltage	double
35	ph03_voltage	double
36	ph31_voltage	double
37	air_circ_hot_tmp	double
38	air_circ_cold_01_tmp	double
39	air_circ_cold_02_tmp	double
40	stat_magn_01_tmp	double
41	stat_magn_02_tmp	double
42	stat_coil_ph01_01_tmp	double
43	stat_coil_ph01_02_tmp	double
44	stat_coil_ph02_01_tmp	double
45	stat_coil_ph03_01_tmp	double
46	stat_coil_ph03_02_tmp	double
47	water_circ_hot_01_tmp	double
48	water_circ_hot_02_tmp	double
49	water_circ_cold_tmp	double
50	machine_on	bool
51	machine_off	bool
52	turbine_mode	bool
53	all	bool
54	equilibrium_turbine_mode	bool
55	dyn_only_on	bool

	column	pa_dtype
56	pump_mode	bool
57	equilibrium_pump_mode	bool
58	**index_level_0**	timestamp[ns, tz=CET]

Units 5 & 6

	column	pa_dtype
0	tot_activepower	double
1	ext_tmp	double
2	plant_tmp	double
3	charge	double
4	coupler_position	double
5	injector_01_opening	double
6	injector_02_opening	double
7	injector_03_opening	double
8	injector_04_opening	double
9	injector_05_opening	double
10	pump_calculated_flow	double
11	pump_pressure_diff	double
12	pump_rotspeed	double
13	tot_current	double
14	tot_effectivepower	double
15	tot_reactivepower	double
16	turbine_pressure	double
17	turbine_rotspeed	double
18	water_primary_pump_01_opening	double
19	water_primary_pump_02_opening	double
20	air_circ_cold_01_tmp	double
21	air_circ_cold_02_tmp	double
22	air_circ_cold_03_tmp	double
23	air_circ_cold_04_tmp	double

	column	pa_dtype
24	air_circ_cold_05_tmp	double
25	air_circ_cold_06_tmp	double
26	air_circ_hot_01_tmp	double
27	air_circ_hot_02_tmp	double
28	air_circ_hot_03_tmp	double
29	air_circ_hot_04_tmp	double
30	air_circ_hot_05_tmp	double
31	air_circ_hot_06_tmp	double
32	elec_freq	double
33	exc_current	double
34	exc_voltage	double
35	mid_voltage	double
36	neutral_current	double
37	ph01_current	double
38	ph01_voltage	double
39	ph12_voltage	double
40	ph02_current	double
41	ph02_voltage	double
42	ph23_voltage	double
43	ph03_current	double
44	ph03_voltage	double
45	ph31_voltage	double
46	stat_coil_ph01_01_tmp	double
47	stat_coil_ph01_02_tmp	double
48	stat_coil_ph01_03_tmp	double
49	stat_coil_ph01_04_tmp	double
50	stat_coil_ph01_05_tmp	double
51	stat_coil_ph01_06_tmp	double
52	stat_coil_ph02_01_tmp	double
53	stat_coil_ph02_02_tmp	double

	column	pa_dtype
54	stat_coil_ph02_03_tmp	double
55	stat_coil_ph02_04_tmp	double
56	stat_coil_ph02_05_tmp	double
57	stat_coil_ph02_06_tmp	double
58	stat_coil_ph03_01_tmp	double
59	stat_coil_ph03_02_tmp	double
60	stat_coil_ph03_03_tmp	double
61	stat_coil_ph03_04_tmp	double
62	stat_coil_ph03_05_tmp	double
63	stat_coil_ph03_06_tmp	double
64	stat_magn_01_tmp	double
65	stat_magn_02_tmp	double
66	stat_magn_03_tmp	double
67	stat_magn_04_tmp	double
68	stat_magn_05_tmp	double
69	stat_magn_06_tmp	double
70	stat_magn_07_tmp	double
71	stat_magn_08_tmp	double
72	stat_magn_09_tmp	double
73	stat_magn_10_tmp	double
74	stat_magn_11_tmp	double
75	stat_magn_12_tmp	double
76	water_circ_cold_tmp	double
77	water_circ_flow	double
78	water_circ_hot_01_tmp	double
79	water_circ_hot_02_tmp	double
80	water_circ_hot_03_tmp	double
81	water_circ_hot_04_tmp	double
82	water_circ_hot_05_tmp	double
83	water_circ_hot_06_tmp	double

	column	pa_dtype
84	water_circ_hot_tmp	double
85	air_gap_negative_x_position	double
86	air_gap_positive_x_position	double
87	air_gap_negative_y_position	double
88	air_gap_positive_y_position	double
89	machine_on	bool
90	machine_off	bool
91	turbine_mode	bool
92	all	bool
93	equilibrium_turbine_mode	bool
94	dyn_only_on	bool
95	pump_mode	bool
96	short_circuit_mode	bool
97	equilibrium_pump_mode	bool
98	equilibrium_short_circuit_mode	bool
99	**index_level_0**	timestamp[ns, tz=CET]