

This week FrostyFarms are looking to create a set of chained tasks – two to be exact! The farms have plenty of cows who produce milk for us, and from there, some of that milk will be converted into skim/skimmed milk. We want our data to be edited to reflect the fact that the fat percentage of the milk will determine how the data should look.

Skim milk goes through the process of fat reduction in a centrifuge, therefore, whole milky rows won't need columns relating to that process, but the skim milky rows will.

Create a parent and child task that will perform different actions on the different rows of data depending on the fat percentage of the milk.

Here you can find the skeleton script

RESULT

When you run the first query, the 3% data should look like

	CENTRIFUGE_START_TIME	CENTRIFUGE_END_TIME	CENTRIFUGE_KWPH	CENTRIFUGE_ELECTRICITY_USED	CENTRIFUGE_PROCESSING_TIME	TASK_USED
1	null	null	null	null	null	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700
2	null	null	null	null	null	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700
3	null	null	null	null	null	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700
4	null	null	null	null	null	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700
5	null	null	null	null	null	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700
6	null	null	null	null	null	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700
7	null	null	null	null	null	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700
8	null	null	null	null	null	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700
9	null	null	null	null	null	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700
10	null	null	null	null	null	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700
11	null	null	null	null	null	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700
12	null	null	null	null	null	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700
13	null	null	null	null	null	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700
14	null	null	null	null	null	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700
15	null	null	null	null	null	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700
16	null	null	null	null	null	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700

And the non-3% rows should look like

	CENTRIFUGE_START_TIME	CENTRIFUGE_END_TIME	CENTRIFUGE_KWPH	CENTRIFUGE_ELECTRICITY_USED	CENTRIFUGE_PROCESSING_TIME	TASK_USED
1	2022-05-05 14:21:54	2022-05-05 15:12:54	10.96	9.32	51	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700
2	2022-06-08 23:48:40	2022-06-09 00:47:40	11.49	11.30	59	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700
3	2022-08-17 23:42:10	2022-08-18 00:36:10	10.08	9.07	54	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700
4	2022-01-31 09:22:31	2022-01-31 10:20:31	9.76	9.43	58	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700
5	2022-08-08 04:36:04	2022-08-08 05:38:04	10.95	11.32	62	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700
6	2022-03-25 08:15:04	2022-03-25 09:25:04	9.33	10.89	70	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700
7	2022-01-12 07:33:34	2022-01-12 08:35:34	11.51	11.89	62	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700
8	2022-08-08 13:59:29	2022-08-08 15:02:29	10.24	10.75	63	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700
9	2022-07-11 14:23:04	2022-07-11 15:33:04	10.48	12.23	70	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700
10	2022-05-14 10:24:43	2022-05-14 11:30:43	9.56	10.52	66	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700
11	2021-11-14 04:21:18	2021-11-14 05:23:18	9.2	9.51	62	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700
12	2022-08-01 04:56:06	2022-08-01 05:48:06	11.99	10.39	52	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700
13	2022-07-29 06:13:44	2022-07-29 07:17:44	10.04	10.71	64	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700
14	2022-04-07 18:06:44	2022-04-07 19:18:44	10.54	12.65	72	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700
15	2022-04-19 22:08:46	2022-04-19 23:19:46	10.35	12.25	71	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700
16	2021-12-16 07:16:02	2021-12-16 08:14:02	9.07	8.77	58	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700

Whilst the second query should produce something like

<div><div>Objects</div><div>Editor</div><div>Results</div><div>Chart</div></div>		
	TASK_USED	ROW_COUNT
1	FROSTY_FRIDAY.CHALLENGES.WHOLE_MILK_UPDATES at 2022-08-24 07:46:58.571 -0700	89
2	FROSTY_FRIDAY.CHALLENGES.SKIM_MILK_UPDATES at 2022-08-24 07:47:07.731 -0700	183