

# Invesco Data

 ... showing the client data usage for their oversight of fund valuation

## Client Data Usage

Invesco run Oversight. They don't currently run Expected pricing.

- U107 – Component Adjustments – used in Expected Pricing
- U110 – Cashflow and Orders is used for clients that run Cash Allocation, and for oversight clients that do swing pricing, and need to determine today's pricing basis – as this is today's cashflow. Not typically used by US clients
- U175 – security prices, used in Expected Pricing, and in Oversight, for validation of asset prices (HLD009). If a client is doing oversight, they may not actually validate the price in pControl, as they expect the TPA to do this. They may check if the asset price has moved outside of tolerance, and if it has, they will then validate the asset price outside of pControl (this is one of our auto clearance use cases)
- U210 – corporate actions, used in Expected pricing
- U280 – Benchmarks – used for POV010 Price vs Benchmark. Some clients don't run this (Invesco don't), it depends on whether they can get the data, and whether their funds track benchmarks or not. If they are active fund managers, then they wouldn't typically track a benchmark so may not see it as worthwhile

There are still lots of validations they can perform without this data.

## Housekeeping Plan

The client data in below tables are maintained for 9 months in pControl production database.

- **purge:** deleting records from the import and export tables
  - business users can manually update the import tables with new data during the day
- **archive:** archiving all data files that are loaded into production database after 15 months
  - business users can restore the archived data, i.e. move the records back to production database
  - every week, files are moved to an archive directory ("pcontrol\_invesco\_archive" database)

import tables			
data	table	action	retention (months)
Investment Holdings	u100	purge	15
External Prices	u101	purge	15
General Ledger	u104	purge	15
Units on Issue	u108	purge	15
Cash Flow - Unitised	u109	purge	15
Pending Settlement Transactions	u113	purge	15
Asset Transactions	u200	purge	15
Benchmark	u280	purge	15

- + they have u178
- they do not have the u107, u110, u175, u210, and u280?

export tables			
data	table	action	retention (months)
Unit prices	u141	archive	15
Investment Holdings Balances	u142	archive	15
Registry Balances	u143	archive	15
Validation Detail	u582	archive	15
Price Data	u583	archive	15
Override Data	u584	archive	15
NAV Movement Analysis	u780	archive	15

pControl tables			
data	table	action	retention (months)

A01 : Product Validation	p200	archive	15
A02 : Product Detail Validation	p201	archive	15
A03 : Holding Validation	p202	archive	15
A04 : Holding Detail Validation	p203	archive	15
A05 : Transaction Validation	p204	archive	15
A06 : Transaction Detail Validation	p205	archive	15
A07 : Entity Validation	p206	archive	15
A08 : Entity Detail Validation	p207	archive	15
A09 : Account Balance Validation	p208	archive	15
A10 : Account Balance Detail Validation	p209	archive	15
A11 : Capital Flow Validation	p210	archive	15
A12 : Capital Flow Detail Validation	p211	archive	15
A13 : Category Validation	p213	archive	15
A14 : Category Detail Validation	p214	archive	15
A15 : Pending Settlement Valid	p215	archive	15

system tables			
data	table	action	retention (months)
Status Messages	t393	archive	15
Status Messages	t396	archive	15
Audit History	t950	archive	15

Sample Data

u100\_investment\_holdings

p_c_o_n_t_r_o_l_id	l_a_s_t_u_p_d_a_t_e_d_b_y	l_a_s_t_u_p_d_a_t_e_d_d_a_t_e	i_n_t_e_g_r_i_t_y_v_a_l_u_e	p_s_t_a_t_u_s	p_d_e_s_c_r_i_p_t_i_o_n	c_s_t_a_t_u_s	p_l_o_a_d_t_i_m_e_s_t_a_m_p	p_l_o_a_d_s_o_u_r_c_e	p_b_a_t_c_h_id	p_c_o_n_t_r_o_l_c_o_d_e	e_f_f_e_c_t_i_v_e_d_a_t_e	p_r_i_c_e_r_u_n_t_y_p_e	v_a_l_u_e_d_a_t_e	v_a_l_u_e_t_i_m_e	a_s_e_t_c_o_d_e	u_n_i_t_h_o_l_d_i_n_g_s	l_o_c_a_l_m_a_r_k_e_t_p_r_i_c_e	b_a_s_e_m_v_c_l_o_s_e	l_o_c_a_l_c_u_r_r_e_n_c_y_c_o_d_e	d_i_s_p_o_s_a_l_c_o_s_t	b_a_s_e_a_c_c_r_u_e_d_i_n_t_e_r_e_s_t	b_a_s_e_c_o_s_t	m_a_r_k_e_t_p_r_i_c_e_d_a_t_e	e_x_c_h_a_n_g_e_r_a_t_e	b_a_s_e_c_u_r_r_e_n_c_y_c_o_d_e	c_a_t_c_o_d_e	c_a_t_s_u_b_c_o_d_e	m_a_t_u_r_i_t_y_d_a_t_e	b_a_s_e_o_u_t_s_t_a_n_d_i_n_g	b_a_s_e_m_a_r_g_i_n_s	b_a_s_e_e_o_f_f_s_e_t	l_o_c_a_l_m_v_c_l_o_s_e	l_o_c_a_l_o_u_t_s_t_a_n_d_i_n_g	l_o_c_a_l_a_c_c_r_u_e_d_i_n_t_e_r_e_s_t	l_o_c_a_l_c_o_s_t	l_o_c_a_l_m_a_r_g_i_n_s	l_o_c_a_l_e_e_o_f_f_s_e_t	l_o_c_a_l_f_f_x_c_o_s_t	l_o_c_a_l_f_f_x_c_o_s_t	b_a_s_e_f_f_x_c_o_s_t	b_a_s_e_f_f_x_c_o_s_t	f_x_id	l_i_q_u_i_d_i_t_y_d_e_s_c_r_i_p_t_i_o_n	r_i_s_k_c_u_r_r_e_n_c_y_c_o_d_e	c_o_u_n_t_r_y_r_i_s_k	e_x_c_h_a_n_g_e_r_a_t_e_f_o_r_w_a_r_d	p_r_i_c_i_n_g_f_a_c_t_o_r	a_s_e_t_n_a_p_c_o_d_e	a_s_t_m_a_p_d_e_c_i_p_t_i_o_n
305153648	S_y_s_t_e_m	20210512123818500	438955661	V	N_U_L_L	N_U_L_L	20210512123818500	T_O_F_L_U10108_B_N_Y1	B_N_Y_M3_H_O_L_D_I_N_G_S_U_M_M_A_R_Y_E_X_T_R_A_C_T	738957686	20210512	C_a_p_i_t_a_l	N_U_L_L	N_U_L_L	S_D_S_S_R_T_O	100000	0	0	G_B_P	N_U_L_L	1941.78	107425	20210512	1	G_B_P	C_O_R_P_O_R_A_T_E_B_O_N_D	20280816	N_U_L_L	N_U_L_L	N_U_L_L	0	N_U_L_L	1941.78	107425	N_U_L_L	N_U_L_L	N_U_L_L	N_U_L_L	N_U_L_L	N_U_L_L	N_U_L_L	N_U_L_L	N_U_L_L	N_U_L_L	1	N_U_L_L	N_U_L_L		

30 51 53 649	S ys tem	20 21 05 12 12 38 18 500	43 89 55 661	V	N U L L	N U L L	20 21 05 12 12 38 18 500	T O _ F L U 10 0_ U 10 8_ B N Y1	B N Y M 3_ H O L D I N G _ ( S U M M A R Y _ E X T R A C T	73 89 57 686	20 21 05 12	C a p i t a l	N U L L	N U L L	S D C S C V7	10 00 00	0	0	G B P	N U L L	22 52 . 05	92 129	20 21 05 12	1	G B P	B	C O R P O R A T E B O R D	20 56 08 12	N U L L	N U L L	N U L L	0	N U L L	22 52 . 05	92 129	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	1	N U L L	N U L L
30 51 53 650	S ys tem	20 21 05 12 12 38 18 500	43 89 55 661	V	N U L L	N U L L	20 21 05 12 12 38 18 500	T O _ F L U 10 0_ U 10 8_ B N Y1	B N Y M 3_ H O L D I N G _ ( S U M M A R Y _ E X T R A C T	73 89 57 686	20 21 05 12	C a p i t a l	N U L L	N U L L	S D R M N T9	10 00 00	0	0	G B P	N U L L	13 75 . 34	10 22 31	20 21 05 12	1	G B P	B	C O R P O R A T E B O R D	20 23 09 04	N U L L	N U L L	N U L L	0	N U L L	13 75 . 34	10 22 31	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	1	N U L L	N U L L
30 51 53 651	S ys tem	20 21 05 12 12 38 18 500	43 89 55 661	V	N U L L	N U L L	20 21 05 12 12 38 18 500	T O _ F L U 10 0_ U 10 8_ B N Y1	B N Y M 3_ H O L D I N G _ ( S U M M A R Y _ E X T R A C T	73 89 57 686	20 21 05 12	C a p i t a l	N U L L	N U L L	S D O X Q G7	10 00 00	0	0	G B P	N U L L	31 6. 44	10 72 96	20 21 05 12	1	G B P	B	C O R P O R A T E B O R D	20 29 03 30	N U L L	N U L L	N U L L	0	N U L L	31 6. 44	10 72 96	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	1	N U L L	N U L L
30 51 53 652	S ys tem	20 21 05 12 12 38 18 500	43 89 55 661	V	N U L L	N U L L	20 21 05 12 12 38 18 500	T O _ F L U 10 0_ U 10 8_ B N Y1	B N Y M 3_ H O L D I N G _ ( S U M M A R Y _ E X T R A C T	73 89 57 686	20 21 05 12	C a p i t a l	N U L L	N U L L	S D O 8 N N8	10 00 00	0	0	G B P	N U L L	96 2. 33	10 05 82	20 21 05 12	1	G B P	B	C O R P O R A T E B O R D	20 22 08 05	N U L L	N U L L	N U L L	0	N U L L	96 2. 33	10 05 82	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	1	N U L L	N U L L

u101\_external\_unit\_prices





u108\_units\_on\_isuue

p_c_o_n_t_r_o_l_i_d	last_up_dated_by	last_updated_date	integrity_value	p_status	p_description	c_status	p_load_timestamp	p_load_source	p_batch_id	pc_control_code	effectivedate	originator_code	confirm_units	price_unit_type	run_id	pc_control_code	price_unit_type	data_source	co_rig_id	asset_description	local_currency_code	unit_mvmt	unit_mvmt_status	calc_unit_mvmt	confirmed_units	ifds	ctr_andec_1	ctr_andec_2	ccomercial	ctr_andec_1	ctr_andec_2	gross_amount	nav_amount	created_date	confirm_units_settled	p_batch_key
11155855	Sys tem	20210512160452900	439285941	V	N ULL	N ULL	20210512160452900	TO_FL_U108_IAS2IAS_CONFLUENCE_INTRADAY2_20210512_	439286734	71018201	20210512	NU LL	4217637.388	Pre - NAV	1	41018201	Pre - NAV	IAS	NU LL	NU LL	NULL	N U LL	NU LL	N ULL	NULL	N U LL	N U LL	N U LL	NU LL	N U LL	NU LL	NU LL	NU LL	NU LL	NULL	8B275964D16A8D3249FE16A8C97E8D26
11155858	Sys tem	20210512160452900	439285941	V	N ULL	N ULL	20210512160452900	TO_FL_U108_IAS2IAS_CONFLUENCE_INTRADAY2_20210512_	439286734	71018201	20210512	NU LL	16732.002	Pre - NAV	1	41019501	Pre - NAV	IAS	NU LL	NU LL	NULL	N U LL	NU LL	N ULL	NULL	N U LL	N U LL	N U LL	NU LL	N U LL	NU LL	NU LL	NU LL	NU LL	NULL	8A81CBBBC4FA55190F4F43888DD26095
11155859	Sys tem	20210512160452900	439285941	V	N ULL	N ULL	20210512160452900	TO_FL_U108_IAS2IAS_CONFLUENCE_INTRADAY2_20210512_	439286734	71018201	20210512	NU LL	193138816.6	Pre - NAV	1	41019601	Pre - NAV	IAS	NU LL	NU LL	NULL	N U LL	NU LL	N ULL	NULL	N U LL	N U LL	N U LL	NU LL	N U LL	NU LL	NU LL	NU LL	NU LL	NULL	66684DFCC3F819AC68F36A76C5E4EDB9
11155856	Sys tem	20210512160452900	439285941	V	N ULL	N ULL	20210512160452900	TO_FL_U108_IAS2IAS_CONFLUENCE_INTRADAY2_20210512_	439286734	71018301	20210512	NU LL	175735198.3	Pre - NAV	1	41018301	Pre - NAV	IAS	NU LL	NU LL	NULL	N U LL	NU LL	N ULL	NULL	N U LL	N U LL	N U LL	NU LL	N U LL	NU LL	NU LL	NU LL	NU LL	NULL	0E53B894ED5687114A0DE456F846C5CD
11155857	Sys tem	20210512160452900	439285941	V	N ULL	N ULL	20210512160452900	TO_FL_U108_IAS2IAS_CONFLUENCE_INTRADAY2_20210512_	439286734	79000201	20210512	NU LL	175735198.3	Pre - NAV	1	49000201	Pre - NAV	IAS	NU LL	NU LL	NULL	N U LL	NU LL	N ULL	NULL	N U LL	N U LL	N U LL	NU LL	N U LL	NU LL	NU LL	NU LL	NU LL	NULL	E92B88BBC6D0A1BEF057CF6F612F2A113

u109\_cash\_flow

p_batch_key	c_price_r_un_type	gross_amount	settlement_status	cancelled_indicator	capital_flow_navigation_key	parent_code	transaction_type	transaction_code	run_id	data_source	counterparty_code	control_code_company	price_currency_type	settlement_date	counterparty_code	transaction_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price_currency_type	price
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u113\_pending\_settlements

p c o n t r o l _ i d	p _ c o n t r o l _ c o d e	ef _ f e c t i v _ e _ d a t e	pr i c e _ _ r u n _ t y p e	ru n _ i d	p _ c o n t r o l _ a c c o u n t _ n u m b e r	d e s c r i p t i o n	ex t e r n a l _ a c c o u n t _ c o d e	ex t e r n a l _ u s f i x _ c o d e	lo c a l _ s e t t l e m e n t	se t t l e m e n t _ c u r r e n c y	cr e d i t _ d e b i t	en t r y _ _ n u m b e r	tx n _ _ d a t e	se t t l e m e n t _ _ d a t e	tx n _ _ a v _ _ d a t e	as _ e t _ c o d e	isin _ _ c o d e	ca t _ _ c o d e	se r v i c e _ _ c o d e	c o n t r a c t _ _ n u m b e r	ex _ c h a n g e _ r a t e	ex _ c h a n g e _ r a t e _ _ d a t e	pr e v _ _ j o c a l _ a m o u n t	pr e v _ _ e x c h a n g e _ r a t e	ori _ g _ _ b a s e _ a m o u n t	ori _ g _ _ e x c h a n g e _ r a t e	s h a r e _ _ c l a s s	p _ s _ t a t u s	p _ _ d e s c r i p t i o n	p _ _ d e s c r i p t i o n	p _ _ d e s c r i p t i o n	p _ _ d e s c r i p t i o n	p _ _ d e s c r i p t i o n	la s t _ _ u p d a t e _ _ b y	la s t _ _ u p d a t e _ _ d a t e	in t e g r i t y _ _ v a l u e	c_ p c o n t r o l _ c o d e	c_ _ a s e t _ _ c o d e	c_ _ p r i c e _ _ r u n _ t y p e	c_ _ s t a t u s	p _ _ s _ t _ _ n a v i g a t i o n _ _ k e y	d _ a t a _ _ s o u r c e	in s t r u m e n t _ _ t y p e	ca t _ _ s u b _ _ c o d e	s h a r e _ _ u n i t s	p _ _ b a t c h _ _ k e y	lo c a l _ _ s e t t l e m e n t _ _ n u m b e r	se t t l e m e n t _ _ c u r r e n c y	u n i t _ _ t r a d e d	tr a d e _ _ c o s
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54 68 91 39	26 39 07	20 21 05 12	C a p i t a l	1	N U L L	U. S. D O L L A R	N U L L	N U L L	N U L L	U S D	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	N U L L	C T U S D	N U L L	S	N U L L	N U L L	1	N U L L	N U L L	N U L L	45 11 .41	N U L L	N U L L	V	N U L L	2. 02 10 5 E +16	T O _ F L U _ 10 _ 0 _ 10 _ 8 _ B N Y1	43 89 53 325	S y s t e m	2. 02 10 5 E +16	43 89 53 323	26 39 07	C C T U S D	C a p i t a l	N U L L	P S T	B N Y M	N U L L	S P O T F X	45 11 .41	E 44 94 6 F A 9 F 03 F E 7 C E 96 73 B 91 65 E 4 B F 02	N U L L	N U L L	N U L L	N U L L	N U L L
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u220\_asset\_transactions

control_id	last_updated_by	last_updated_date	inventory_value	status	description	category	load_timestamp	load_source	batch_id	product_code	effective_date	pricing_type	asset_code	category_code	catalog_code	broker_code	contract_date	entry_date_and_time	accounting_date	settlement_date	txn_date	trade_type	txn_type	txn_name	txn_sub_type	txn_sub_name	derivatives_position	base_income	base_cost	base_proceeds	base_profit	base_eetxn_offset	local_income	local_cost	local_proceeds	local_profit	local_eetxn_offset	local_currency_code	risk_currency_code	country_risk	txn_id	units_traded	exchange_rate	brokerage	stamp_duty	txn_price	tick_value	pricing_factor	notes_per_order
61138660	System	20210512182648000	439490644	V	NULL	NULL	202105121826480000SS3	TO_FLU_200SS3	439490641	QS76	20210512	PositiveNAV	OP055X6Q4	O	ST	987	NULL	NULL	20210512	NULL	20210511	NULL	BY	BY	BY	BY	NULL	0	455662.21	-455662.21	0	NULL	0	375046	-375046	0	NULL	EUR	NULL	NULL	21EHJVVVTZVP	1960000	0.823079	0	NULL	0.19135	NULL	1	NULL
61138661	System	20210512182648000	439490644	V	NULL	NULL	202105121826480000SS3	TO_FLU_200SS3	439490641	QS77	20210512	PositiveNAV	999EURZ89	M	ST	A2234	NULL	NULL	20210512	NULL	20210512	NULL	KBUY	KBUY	KBUY	KBUY	NULL	0	112261.4	-112261.4	0	NULL	0	92400	-92400	0	NULL	EUR	NULL	NULL	21EHJVVVDM2P	92400	0.823079	0	NULL	1	NULL	1	NULL



61 13 86 62	S ys tem	20 21 05 12 18 26 48 000	43 94 90 644	V	N U LL	N U LL	20 21 05 12 18 26 48 000	T O _F L U 20 0_ S S3	43 94 90 641	Q S 78	20 21 05 12	P os t- N AV	99 9 E U R Z 44	M	ST	A 22 34	N U LL	N U LL	20 21 05 12	N U LL	20 21 05 12	N U LL	20 21 05 12	N U LL	K B UY	K B UY	K B UY	N U LL	0	28 23 54 .43	-2 82 35 4.43	0	N U LL	0	23 24 00	-2 32 400	0	N U LL	E UR	N U LL	N U LL	21 E H J V V D M 2Q	23 24 00	0. 82 30 79	0	N U LL	1	N U LL	1	N U LL
61 13 86 87	S ys tem	20 21 05 12 18 26 48 000	43 94 90 644	V	N U LL	N U LL	20 21 05 12 18 26 48 000	T O _F L U 20 0_ S S3	43 94 90 641	Q S 79	20 21 05 12	P os t- N AV	99 9 Z A R Z 66	M	ST	C 54 64	N U LL	N U LL	20 21 05 12	N U LL	20 21 05 12	N U LL	20 21 05 12	N U LL	K S E LL	K S E LL	K S E LL	N U LL	0	-4 0. 25	40 .25	0	N U LL	0	-5 89 .24	58 9.24	0	N U LL	Z AR	N U LL	N U LL	21 E H J V V 1 N 0Q	-5 89 .24	14	0	N U LL	1	N U LL	1	N U LL
61 13 86 88	S ys tem	20 21 05 12 18 26 48 000	43 94 90 644	V	N U LL	N U LL	20 21 05 12 18 26 48 000	T O _F L U 20 0_ S S3	43 94 90 641	Q S 80	20 21 05 12	P os t- N AV	99 9 M X N Z 33	M	ST	C 54 64	N U LL	N U LL	20 21 05 12	N U LL	20 21 05 12	N U LL	20 21 05 12	N U LL	K S E LL	K S E LL	K S E LL	N U LL	0	-8 1. 81	81 .81	0	N U LL	0	-1 69 9.73	16 99. 73	0	N U LL	M XN	N U LL	N U LL	21 E H J V V 1 N 0S	-1 69 9.73	19 .95 85	0	N U LL	1	N U LL	1	N U LL