

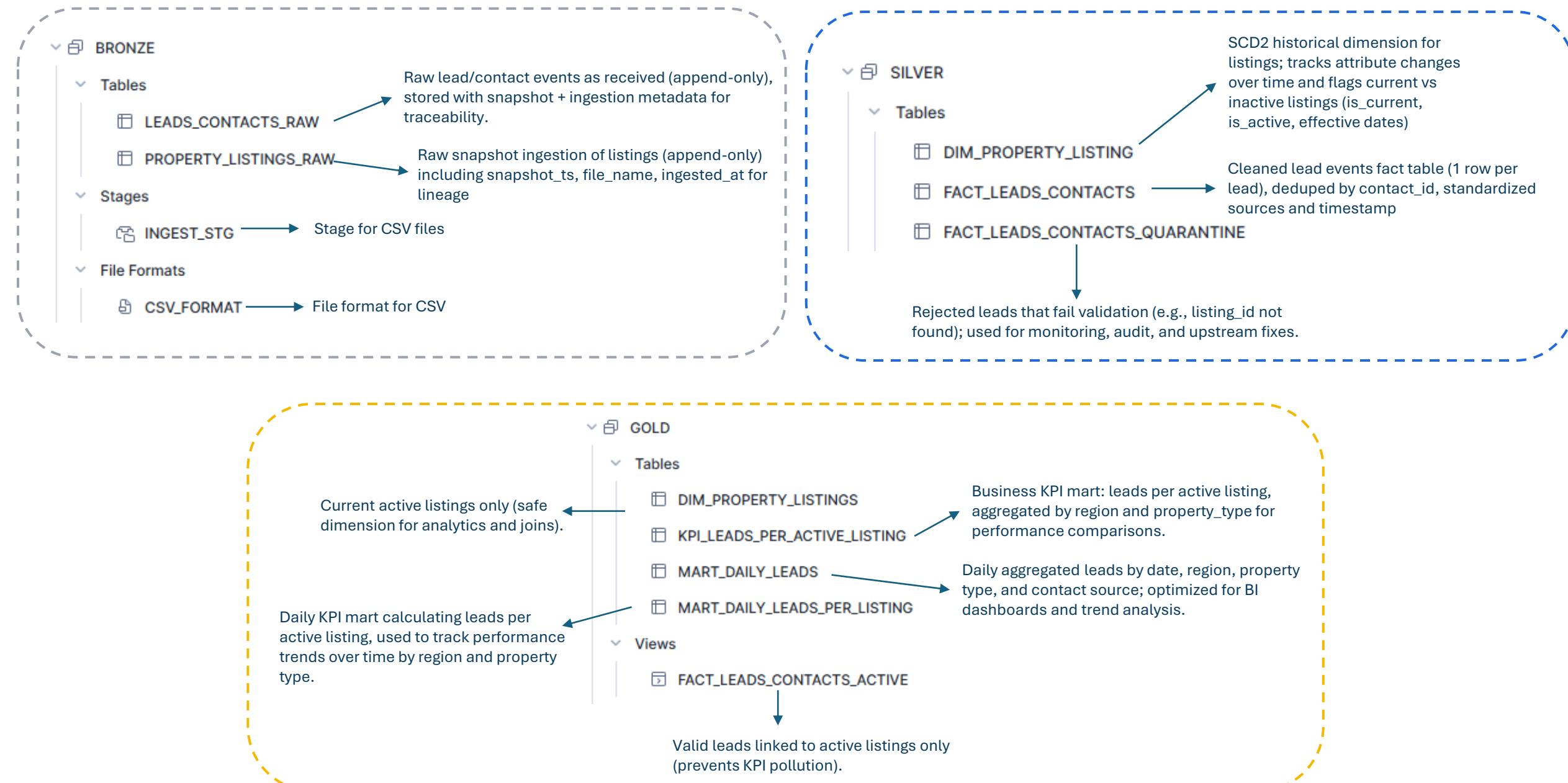
Full-snapshot ingestion • Historical tracking in Silver • Business-ready Gold KPIs



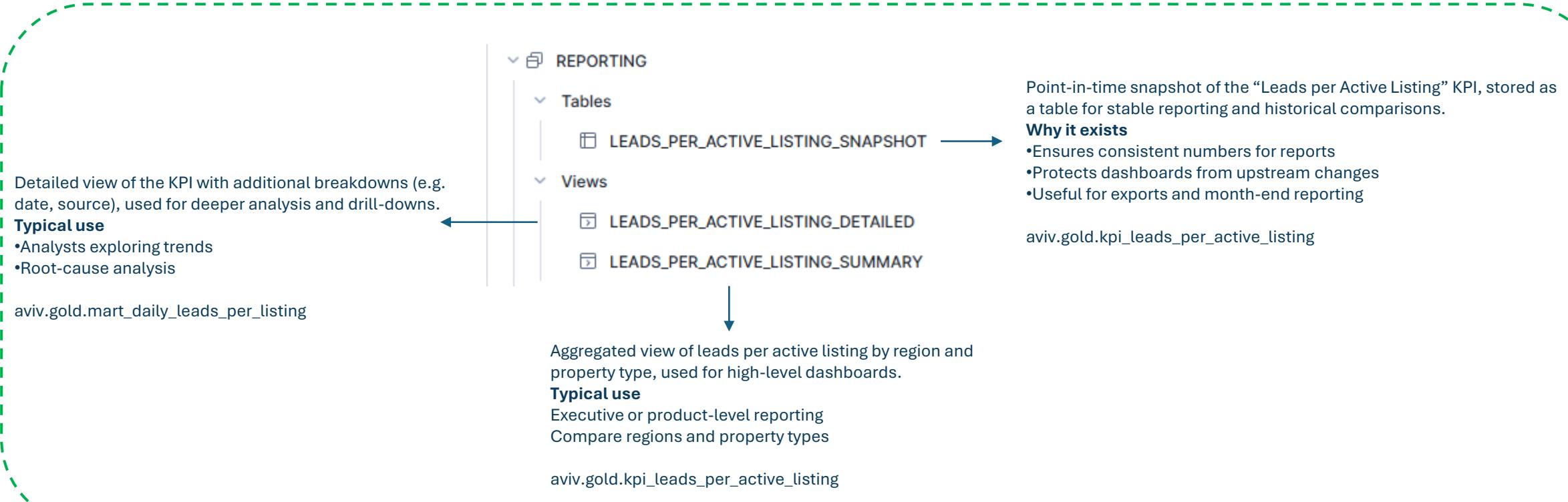
Design Principles

- Full snapshots, not partial updates
- Raw data is never changed
- History is kept, nothing is overwritten
- Only validated data reaches reporting

Data Model & Key Tables - COMPUTATION



Data Model & Key Tables - CONSUMPTION



Data Model & Key Tables – SCD Type 2



SCD2 Type – data updated

```
16 select listing_sk, listing_id, price, source_updated_at, effective_from, effective_to , is_current, is_active
17 from aviv.silver.dim_property_listing
18 where listing_id = 'L1004';
```

Results		Chart							
	...	LISTING_SK	LISTING_ID	PRICE	SOURCE_UPDATED_AT	EFFECTIVE_FROM	EFFECTIVE_TO	IS_CURRENT	IS_ACTIVE
1		6	L1004	410000	2025-01-01 10:20:00.000	2025-01-01 11:30:25.000	2025-01-02 11:30:25.000	FALSE	TRUE
2		101	L1004	400000	2025-01-02 11:20:00.000	2025-01-02 11:30:25.000	null	TRUE	TRUE

SCD2 Type – data removed from bronze

```
16 select listing_sk, listing_id, price, source_updated_at, effective_from, effective_to , is_current, is_active
17 from aviv.silver.dim_property_listing
18 where listing_id = 'L1009';
```

Results		Chart							
	LISTING_SK	LISTING_ID	PRICE	SOURCE_UPDATED_AT	EFFECTIVE_FROM	EFFECTIVE_TO	IS_CURRENT	IS_ACTIVE	
1		3	L1009	240000	2025-01-01 13:00:00.000	2025-01-01 11:30:25.000	2025-12-12 05:09:03.086	FALSE	FALSE

Data Quality

```
21 | select CONTACT_ID, LISTING_ID, INGESTED_AT  
22 | from aviv_silver_fact_leads_contacts_quarantine;
```

↳ Results ↵ Chart

	CONTACT_ID	...	LISTING_ID	INGESTED_AT
1	C2010		L1009	2025-12-12 05:52:55.752
2	C2011		L9999	2025-12-12 05:52:55.752