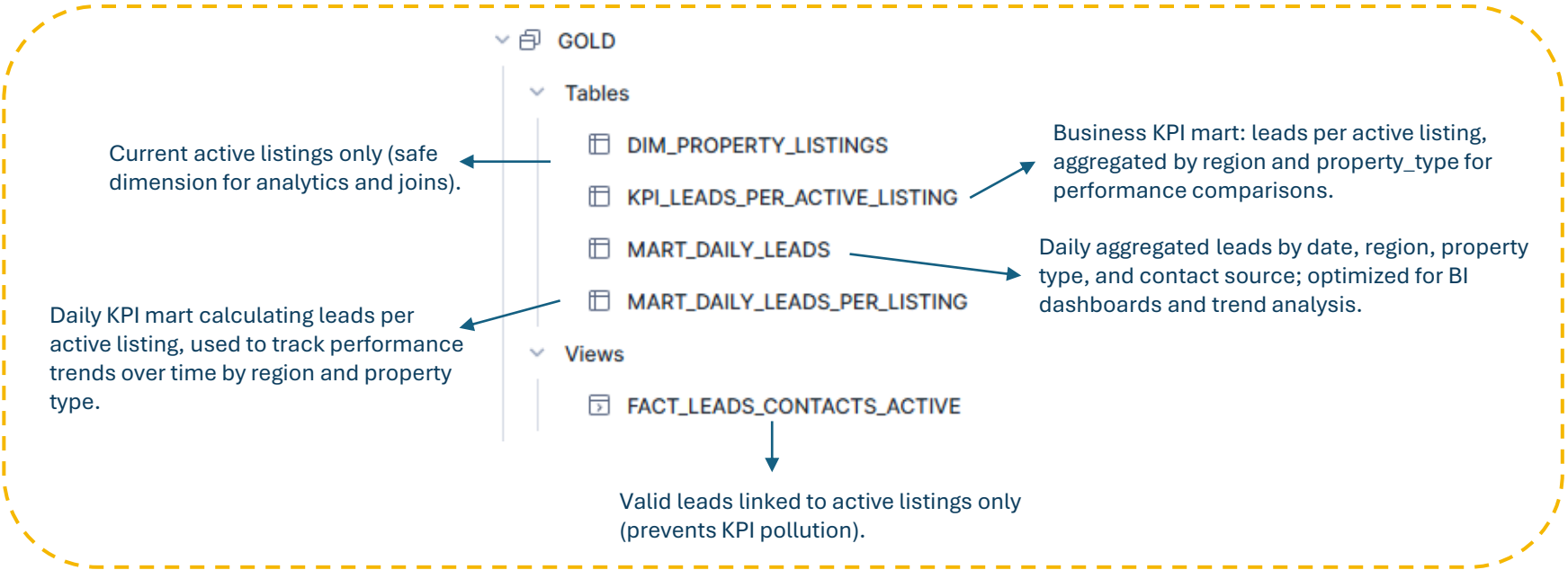
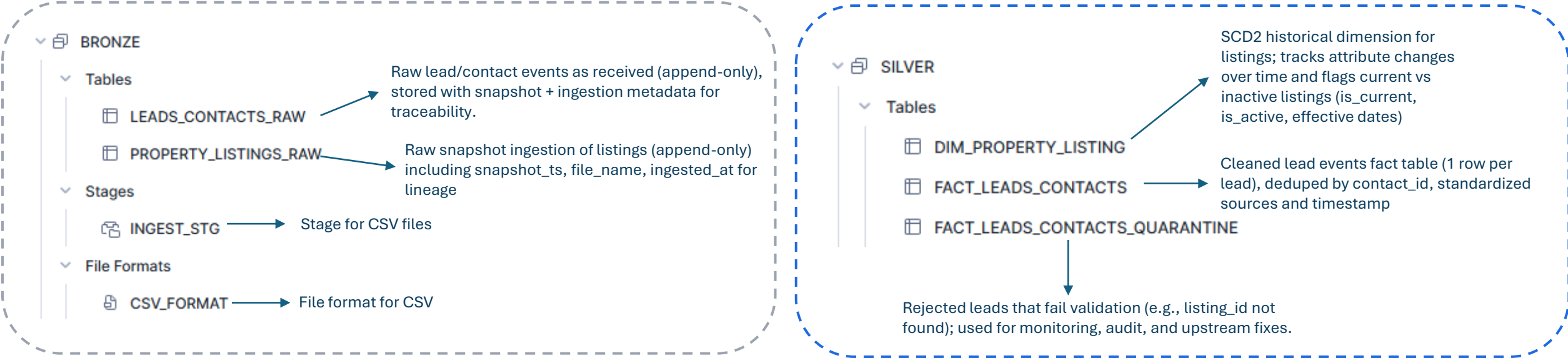


# Data Platform Architecture

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



# Data Model & Key Tables - COMPUTATION



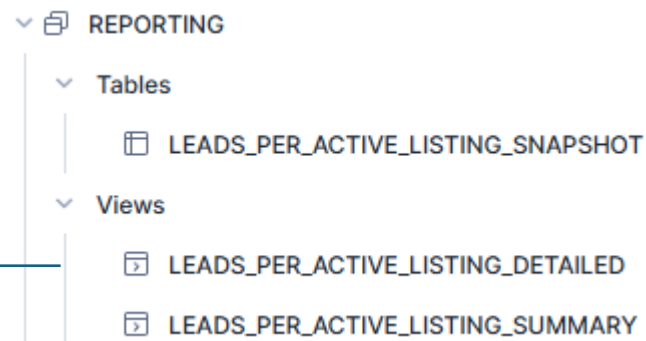
# Data Model & Key Tables - CONSUMPTION

Detailed view of the KPI with additional breakdowns (e.g. date, source), used for deeper analysis and drill-downs.

**Typical use**

- Analysts exploring trends
- Root-cause analysis

aviv.gold.mart\_daily\_leads\_per\_listing



Point-in-time snapshot of the “Leads per Active Listing” KPI, stored as a table for stable reporting and historical comparisons.

**Why it exists**

- Ensures consistent numbers for reports
- Protects dashboards from upstream changes
- Useful for exports and month-end reporting

aviv.gold.kpi\_leads\_per\_active\_listing

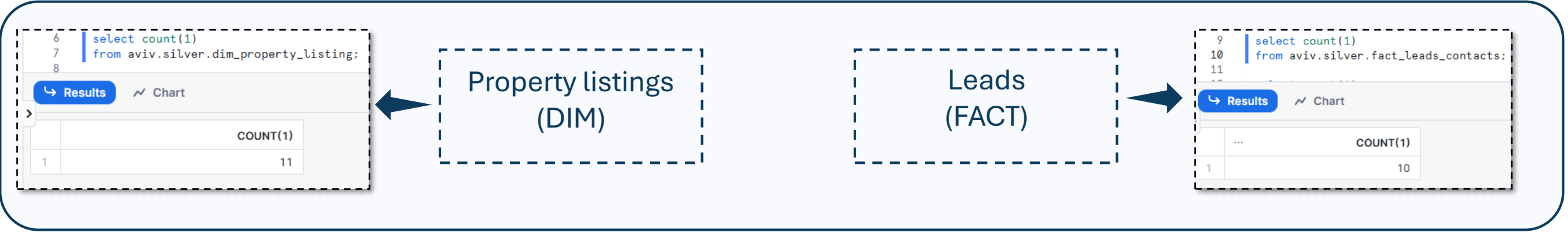
Aggregated view of leads per active listing by region and property type, used for high-level dashboards.

**Typical use**

Executive or product-level reporting  
Compare regions and property types

aviv.gold.kpi\_leads\_per\_active\_listing

# 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';
19 |
```

	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';
19 |
```

	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 05:09:03.088	FALSE	FALSE

## Data Quality

```
21 | select CONTACT_ID, LISTING_ID, INGESTED_AT
22 | from aviv.silver.fact_leads_contacts_quarantine;
```

	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