

Analytics Architecture Review Worksheet

Domain Methods

WHAT THIS WORKSHEET IS FOR

Use this before a warehouse redesign, dbt refactor, or architecture review. The goal is to inventory the stack honestly, find where trust breaks between systems, and narrow the first phase instead of redesigning everything at once.

STEP 1: MAP THE CURRENT SYSTEM

- List the core sources, ingestion paths, warehouse, transformation layer, BI layer, and operational outputs.
- For each layer, name the team or person who actually owns uptime, logic, and exceptions.

STEP 2: MARK THE TRUST BREAKS

- Where do numbers diverge today: raw source quality, staging, dbt logic, BI calculations, or downstream syncs?
- Which break is visible to leadership first?
- Which break creates the most analyst rework or reconciliation meetings?

STEP 3: SCORE THE ARCHITECTURE FROM 1 TO 5

- Source reliability: are the inputs stable and clean enough for downstream use?
- Modeling discipline: are staging, intermediate, and mart layers separated cleanly?
- Metric governance: are owners, definitions, and caveats explicit for core business terms?
- Workflow relevance: do the marts support repeated decisions instead of hypothetical future use cases?
- Operating burden: can the current team maintain this stack without heroics?

STEP 4: NARROW THE FIRST PHASE

- First system or layer to stabilize:
- Marts or outputs that can wait:

- Decisions that need trustworthy data first:
- Stakeholders who must validate the first phase:

REVIEW SUMMARY

- Most urgent trust break:
- First architecture move this quarter:
- What we are explicitly not rebuilding yet:
- Signal that the first phase worked: