

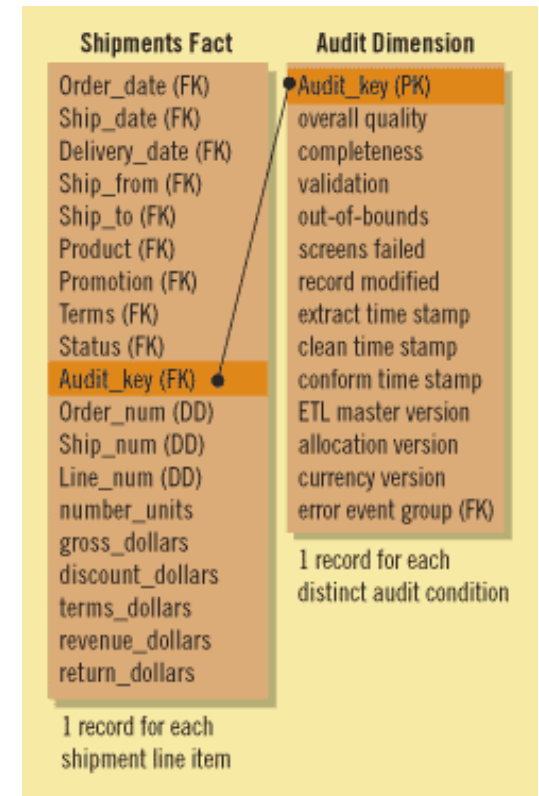


# Auditing Dimension, Lineage, and Dependency

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# Audit Dimension

- ETL process metadata.
- A special dimension, assembled in the back room by the ETL system.
- Useful for tracking down how data in your schema “got there” or “was “changed.”
- Each fact and dimension table uses the audit dimension for recording results of the ETL process.
- There are two keys in the audit dimension for **original insert** and **most recent update**.



# Data Lineage and Dependency

- **Lineage:** the ability to look at a data element and see how it was populated.
  - Audit tables help here.
- **Dependency:** the opposite direction. Look at a source table, and identify the cubes and star schemas that use it.
  - Custom metadata tables