

Flow Chart

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[ Data Sources ]
  └─ Source DB (PostgreSQL)
  └─ Target DB (PostgreSQL)

[ Schema Intelligence Layer ]
  └─ Schema Discovery
  └─ Column Metadata Extraction
  └─ Sample Data Profiling

[ AI Mapping Layer ]
  └─ Semantic Similarity (TF-IDF)
  └─ Lexical Similarity
  └─ Confidence Scoring
  └─ Mapping Decision

[ Explainability Layer ]
  └─ Why mapped?
  └─ Why ignored?
  └─ Transformation logic

[ Migration Layer ]
  └─ Data Transformation
  └─ Batch Migration

[ Validation Layer ]
  └─ Row Count Check
  └─ Null / Duplicate Check
  └─ Logical Validation

[ Visualization Layer ]
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- └ Sankey Diagram
- └ Mapping Dashboard