Nexus Discovery AI - Technical Architecture Report

1. Executive Summary

Infrastructure Status:	PROCESSING
Total Assets Discovered:	74
Total Dependencies Mapped:	94
Packages Identified:	17
Report Generated On:	2026-01-02 20:48:11

2. Asset Inventory Analysis

The following distribution represents the diversity of technical assets identified within the provided source code and metadata.

Asset Type	Count
database	11
process	9
table	46
file	6
stored_procedure	2

3. Dependency & Flow Analysis

Analysis of the relationships between assets reveals the internal data flow and service dependencies.

Relationship Type	Count
dependency	12
data_flow	25

control_flow	7
READS_FROM	20
WRITES_TO	30

4. Discovered Packages (SSIS/DataStage)

- AVW_DW Database Creation (SQL)

- AVW_staging_truncateDim&Fact.sql (SQL)

- AVW_DW Database Creation (SQL)

- AVW_datawarehouse_drop&createTable.sql (SQL)

- dw_truncate Stored Procedure (SQL)

- AVW_staging_createDatabase.sql (SQL)

- ETL_firsttime (SSIS)

- AVW_DW Truncate and Re-establish Constraints (SQL)

- AVW_staging_createDatabase.sql (SQL)

- Package (SSIS)

- AVW_staging_truncateDim&Fact.sql (SQL)

- ETL_firsttime (SSIS)

- AVW_DW Truncate and Re-establish Constraints (SQL)

- AVW_staging_createDatabase.sql (SQL)

- AVW_DW Database Creation (SQL)

- AVW_staging_truncateDim&Fact.sql (SQL)

- ETL_firsttime (SSIS)

5. Analysis Performance & Cost

Execution Status: completed

Estimated AI Cost: $3.9496 USD

Total Tokens Processed: 1974804