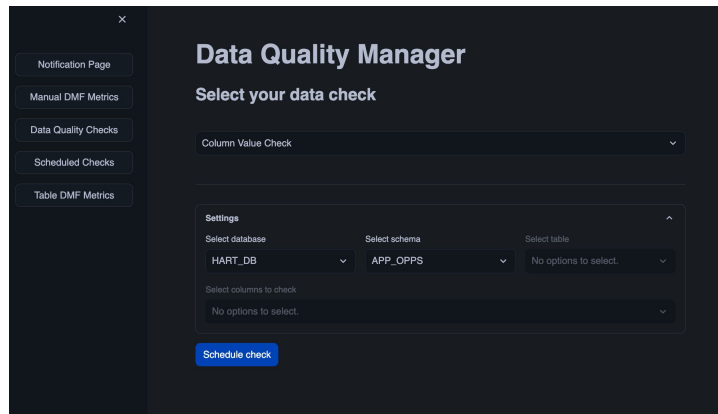# Solution Brief - Data Quality Manager
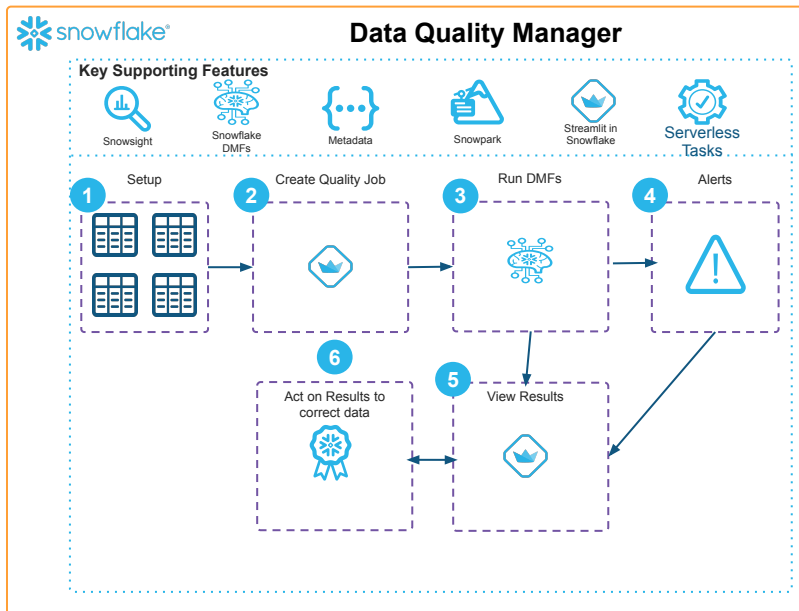

Solution Overview

The Data Quality Manager allows you to view, create, and manage and Data Quality jobs you find necessary to ensure a stable and fresh data environment!

Solution Benefits

- Schedule Snowflake DMFs (or custom quality checks provided by the SIT AI/ML team)
- View the results of these scheduled jobs
- Manage a tweak the jobs
- Receive alerts on any jobs that have crossed a threshold you set

Reference Architecture

Data Quality Manager

Key Supporting Features

- Snowsight
- Snowflake DMFs
- Metadata
- Snowpark
- Streamlit in Snowflake
- Serverless Tasks

1 Setup
2 Create Quality Job
3 Run DMFs
4 Alerts
6 Act on Results to correct data
5 View Results

Use-Case Flow

1. Install and Setup Streamlit App
2. Use UI to select table trigger External Access Func
3. The task will run in the background or can be triggered manually
4. Job Triggers an alert if it exceeds expectations
5. View the results, alerts, and data of any run jobs
6. APP enriches original data and saves a copy