

# Technical Specification

This document outlines the technical requirements for the new data pipeline.

## 1. Overview

The pipeline ingests raw event data from multiple sources, transforms it, and loads it into the data warehouse on an hourly schedule.

## 2. Architecture

Components involved:

- Apache Kafka (ingestion)
- Apache Spark (transformation)
- Snowflake (storage)

## 3. SLAs

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	Metric		Target
	Latency		< 5 min
	Throughput		> 10K/s
	Error rate		< 0.1%

## 4. Next Steps

Review and sign off on this spec by end of sprint.