1. ***Data Analytical Question Formulation***

A screenshot of a computer

Description automatically generated

1. ***Data Discovery***

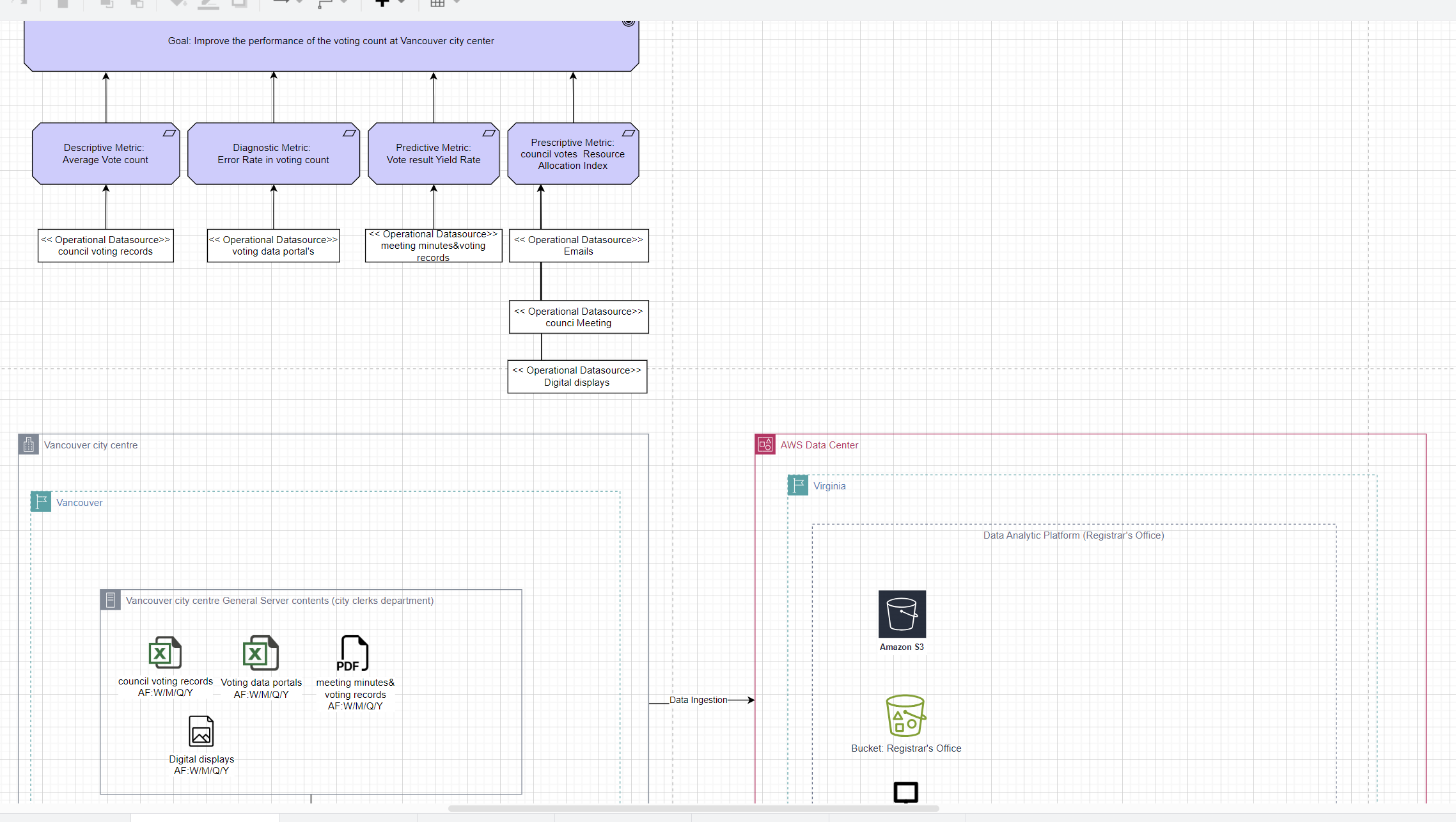
*A screenshot of a computer

Description automatically generated*

*Note:* The above image shows the data analysis of 2024 from (City of Vancouver, n.d) portal.

1. ***Data Storage Design***

*Storage Information*



*Note:* The above image shows the data storage option of Council Voting Records.

1. ***Data Ingestion***

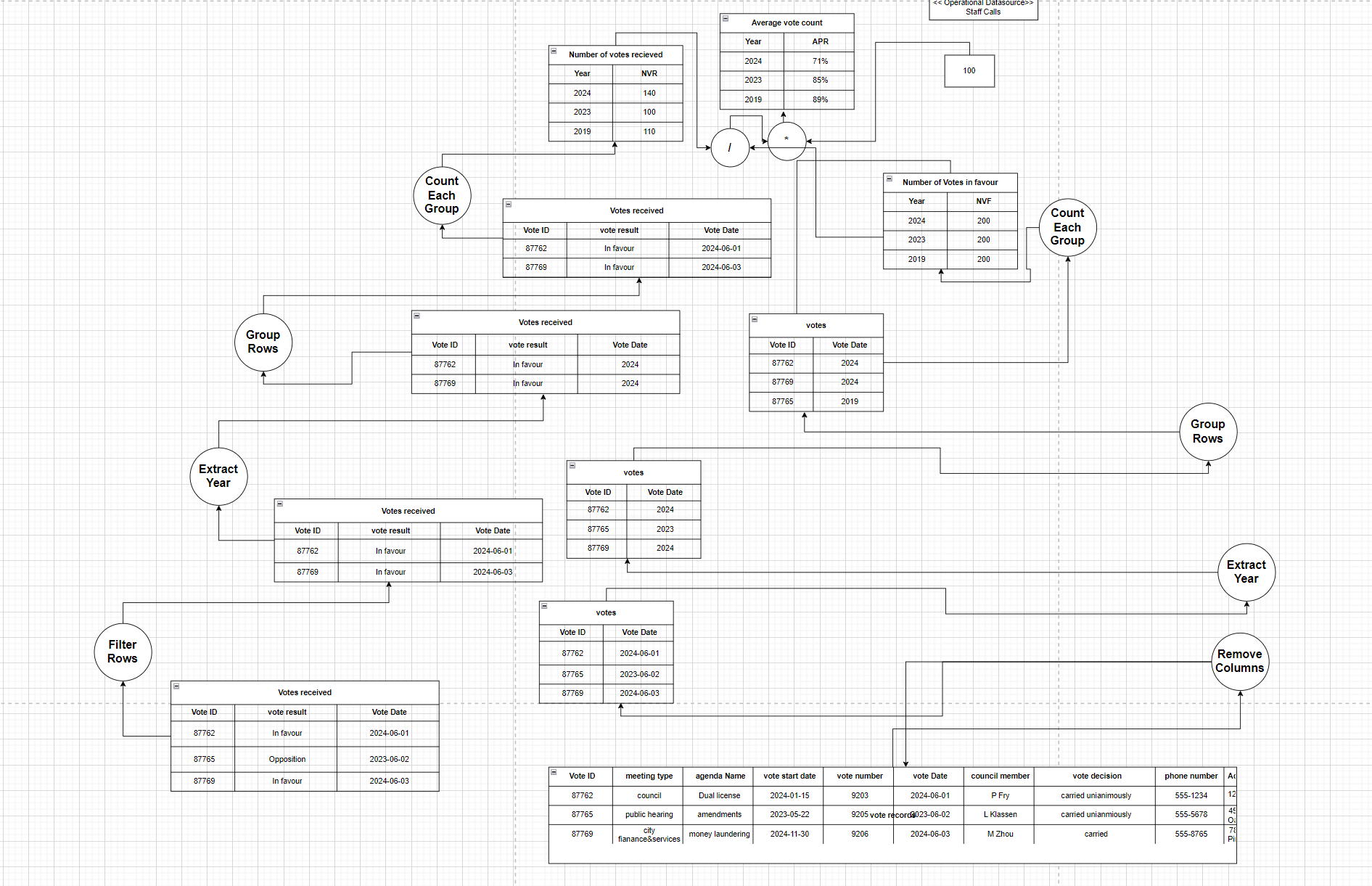
*Storage S3 Information-1*

*A screenshot of a computer

Description automatically generated*

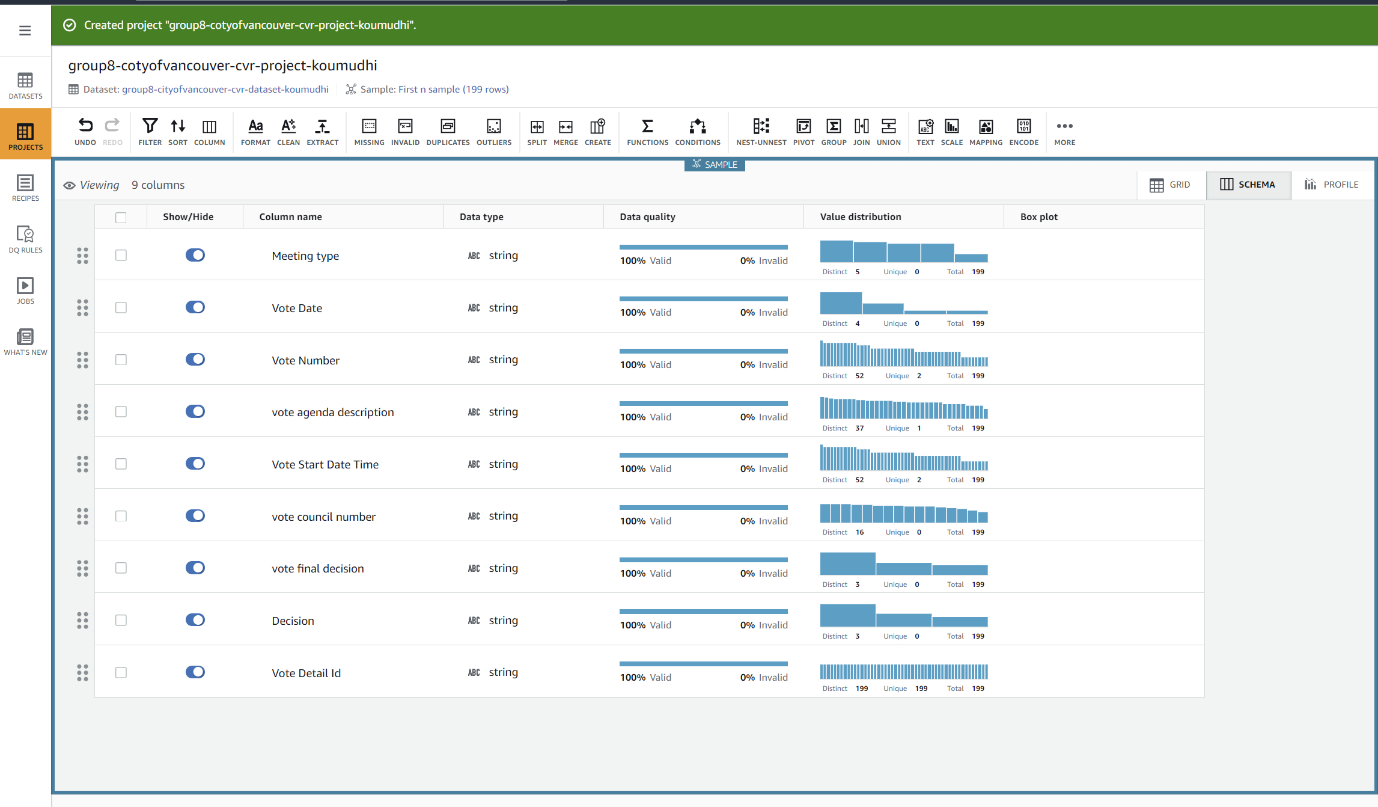
1. ***Data Pipeline Design***

*Pipeline Information*

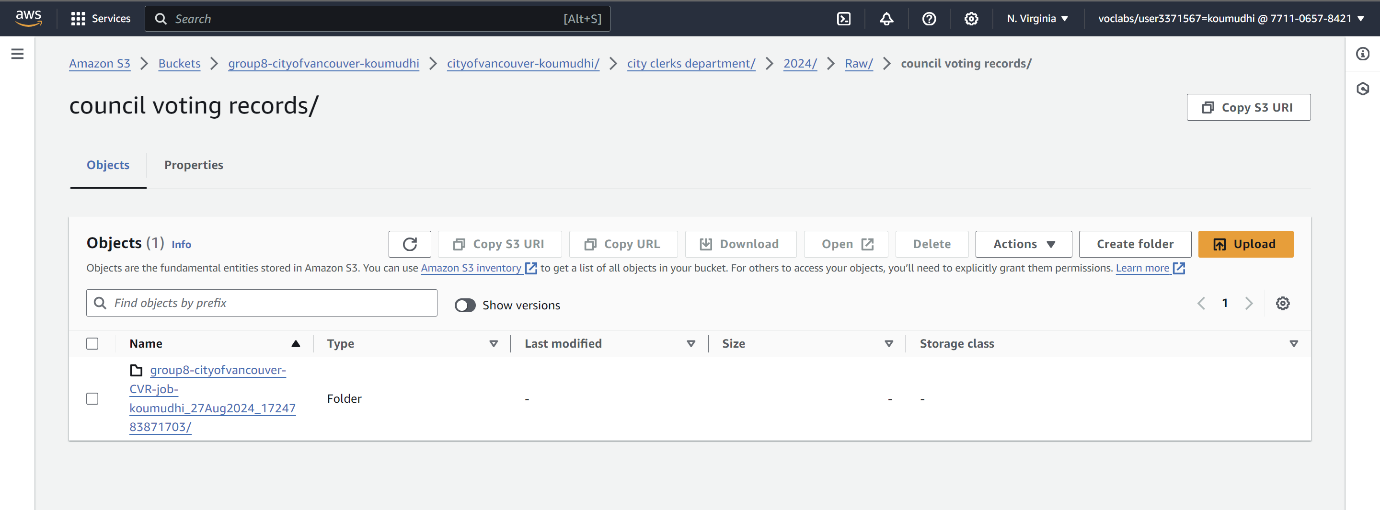


1. ***Data Cleaning & Structuring***

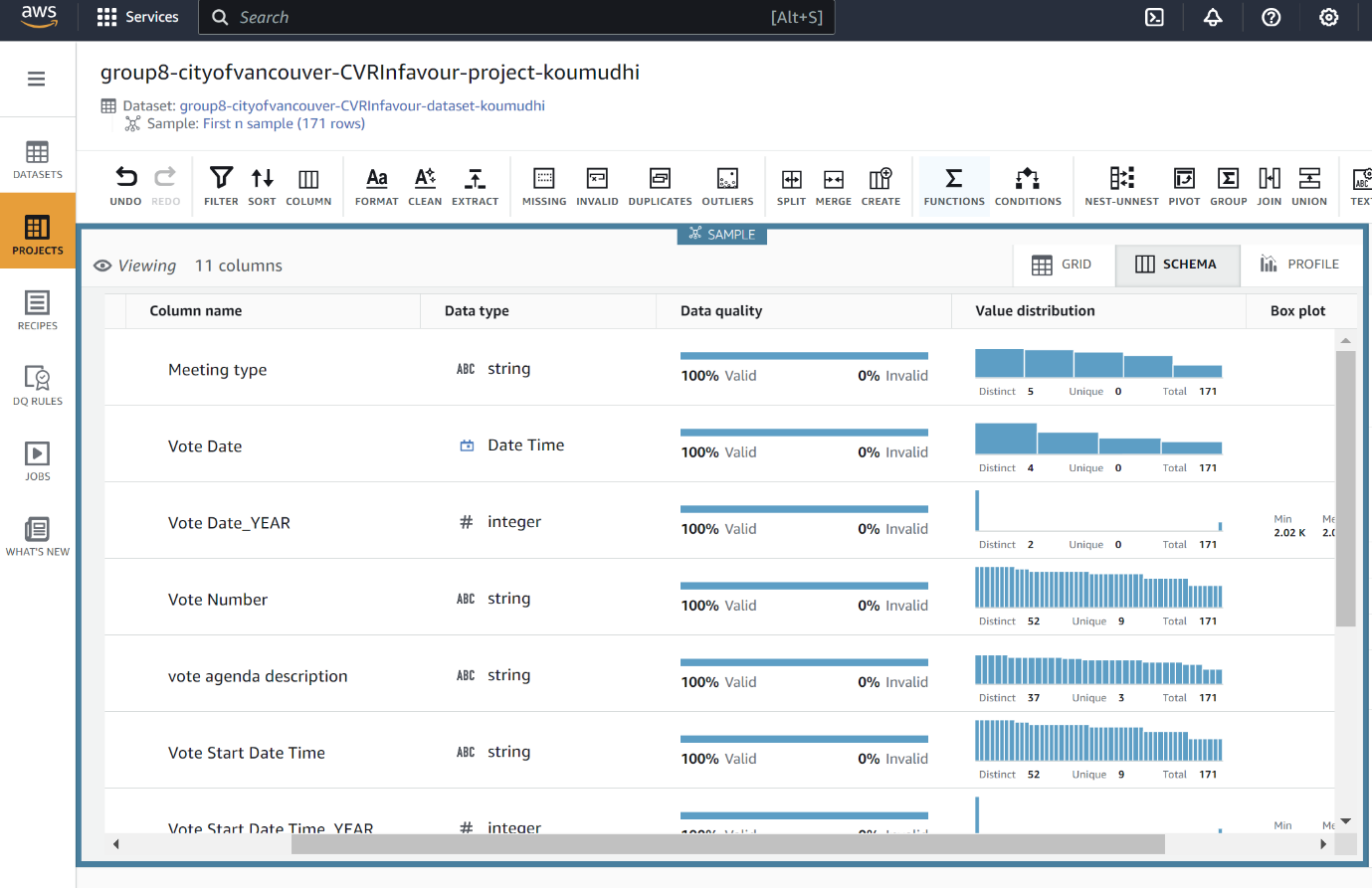
*Cleaning & Structuring Information*

**

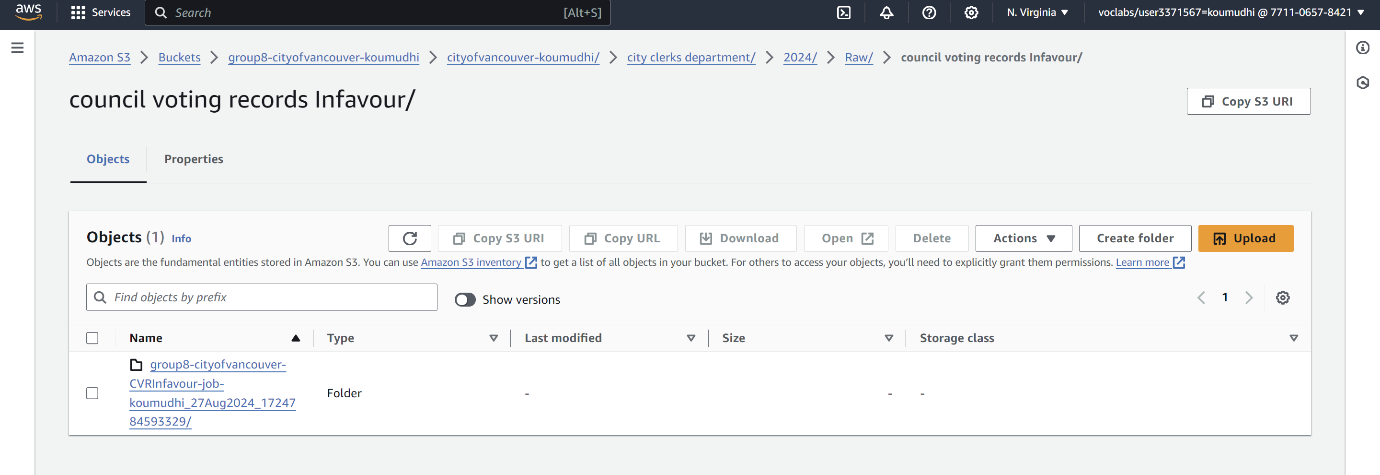
*Cleaning & Structuring Information*

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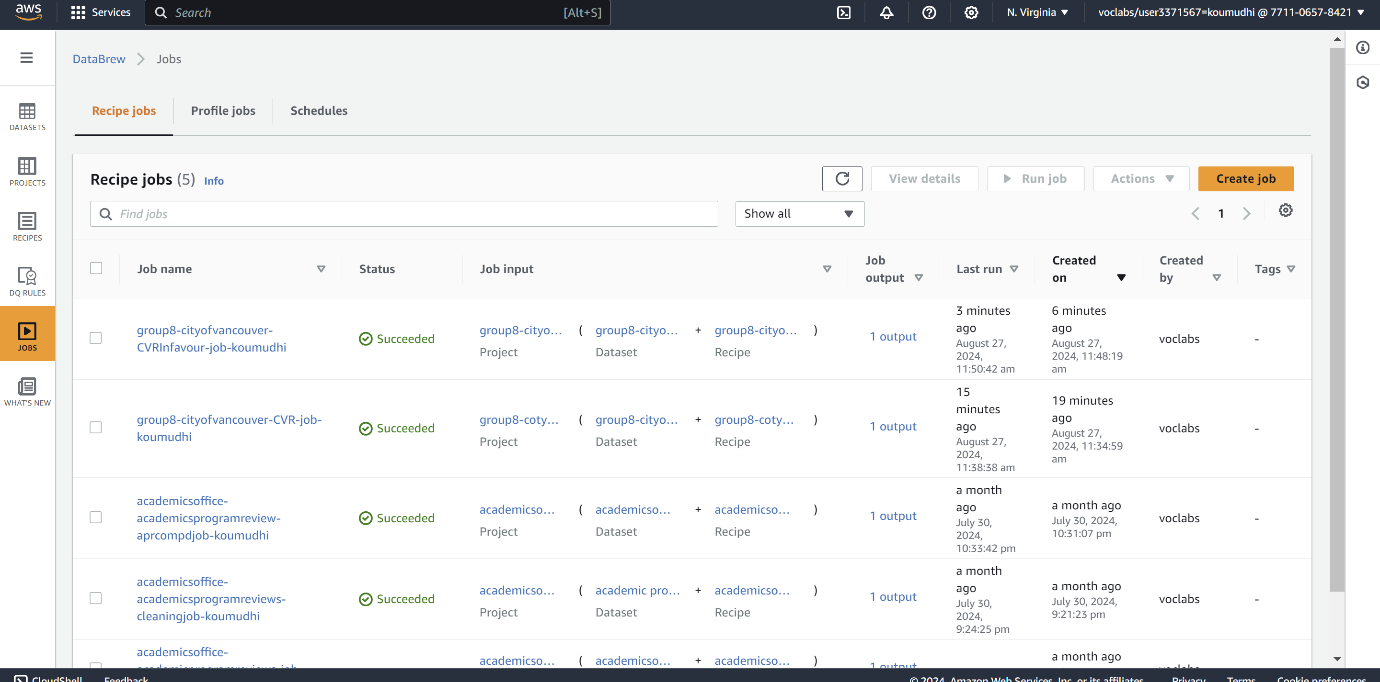
*Cleaning & Structuring Information*

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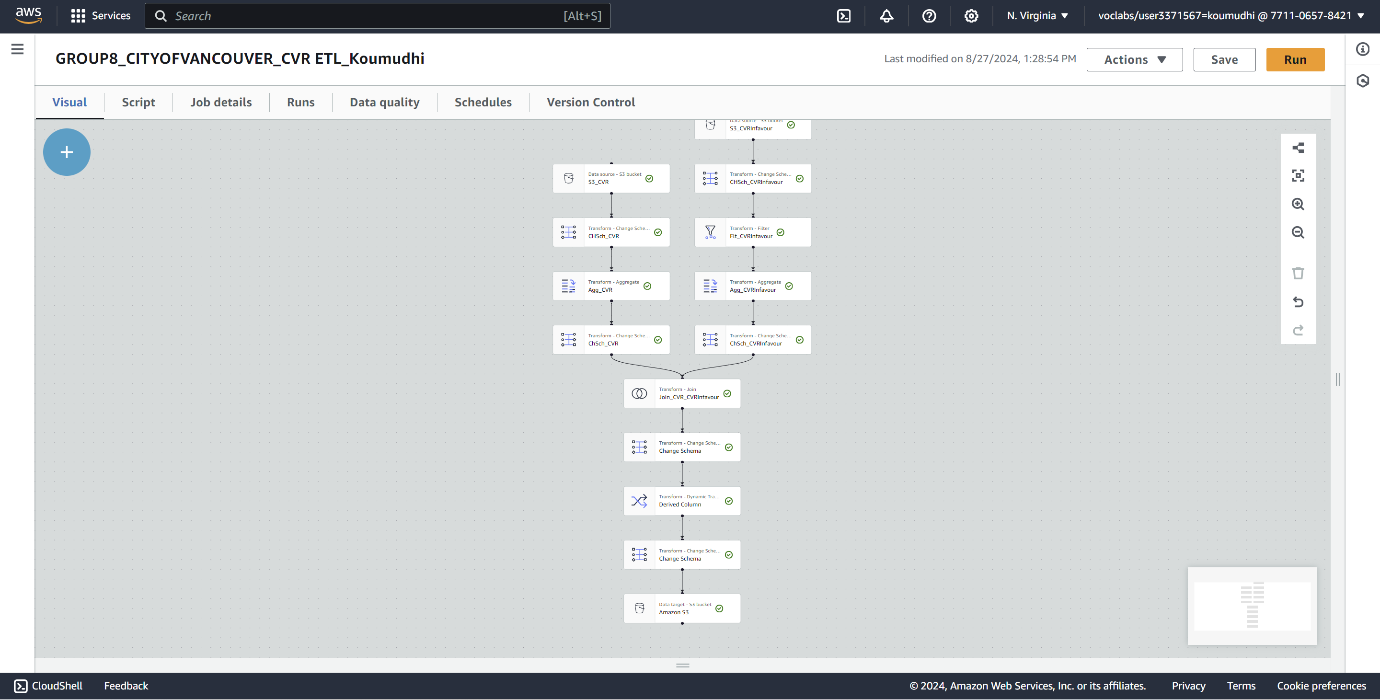
*Cleaning & Structuring Information*

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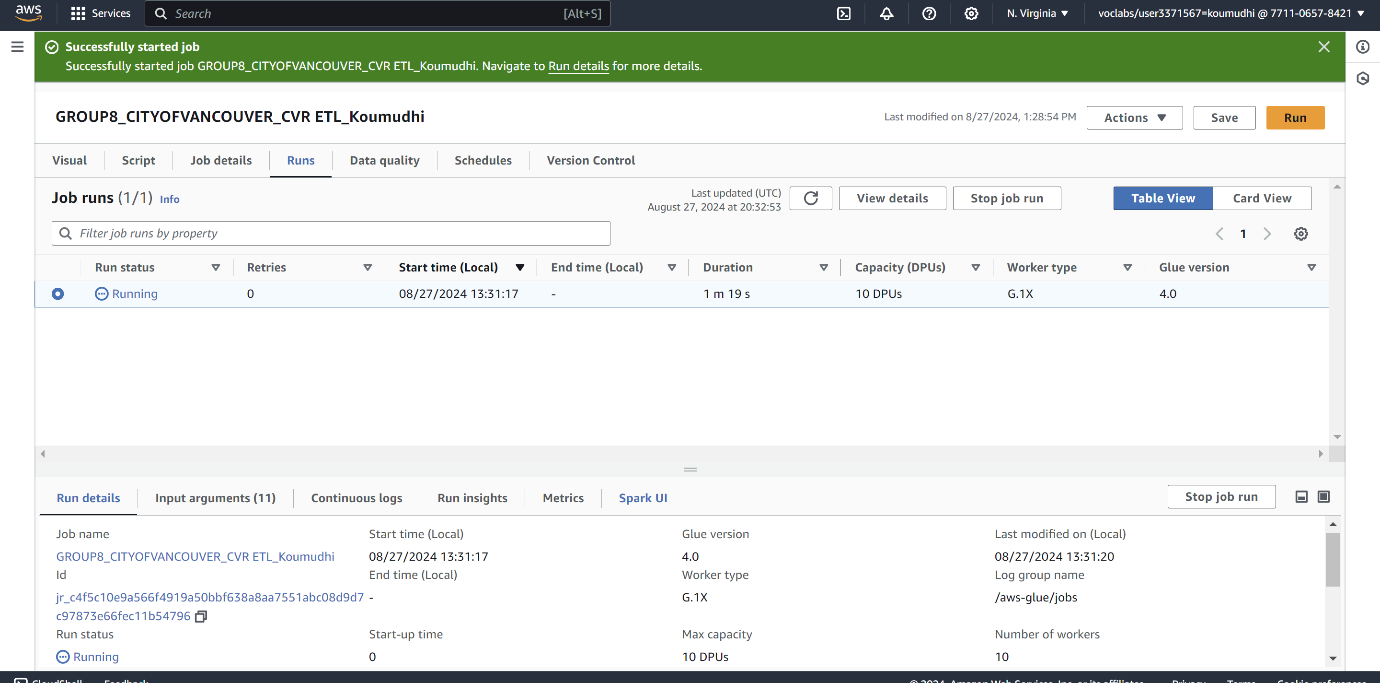
*Cleaning & Structuring Job Information*



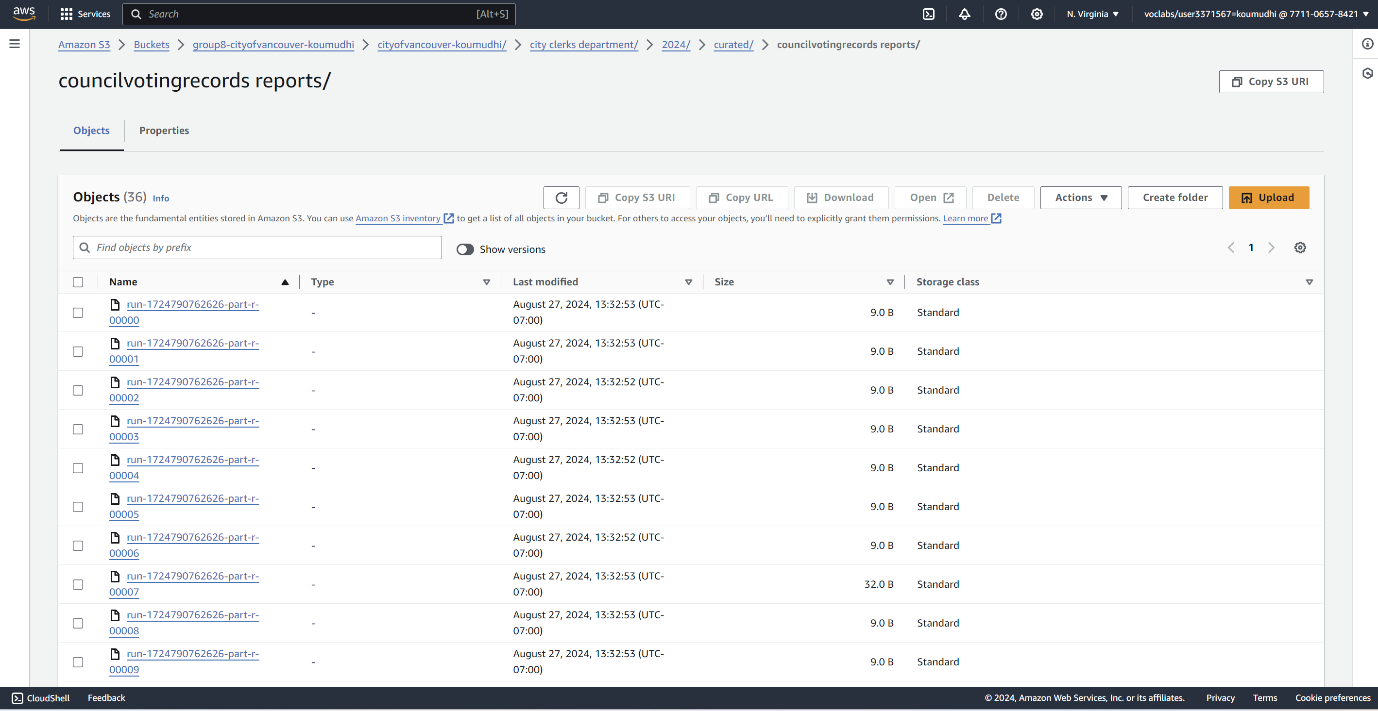
*Pipeline Information-1*

**

*Pipeline Job Information-1*

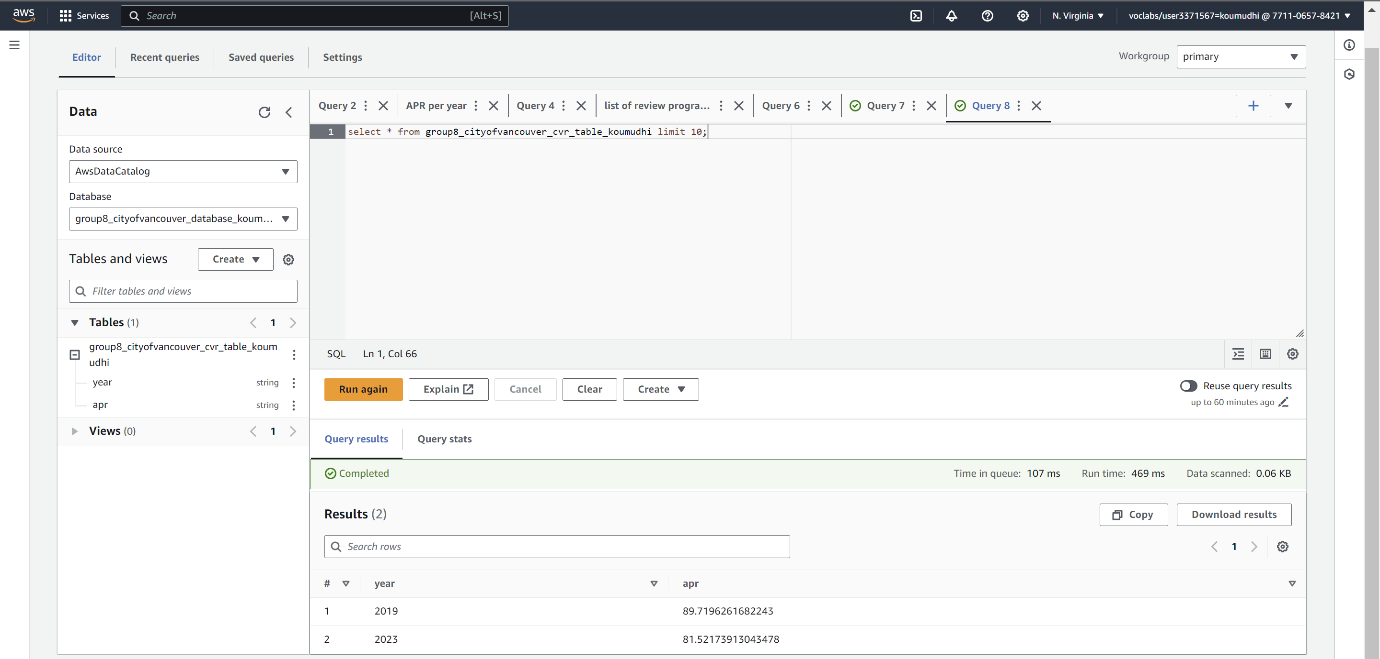
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*2 Pipeline Job Information-1*



1. ***Data Analysis***

*Analysis Information-1*



*Dataset 2 Visualization Information-1*

