Data Architecture:

A diagram of data processing

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.Bronze layer-

Manually added the data

Mounting in Data Bricks using service principle

1. App registration

A screenshot of a chat

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1. Certificates & secrets

A screenshot of a computer

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1. Created key vault and secrets

A screenshot of a computer

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1. Created Scope

Mounting in Databricks

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**Silver Layer**

Creating dataframes for each file and then removing the nul values and handling the duplicate values

A screenshot of a computer

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Converting the cleaned data into parquet format

**A white screen with green text

AI-generated content may be incorrect.**

Creating join and converting it to Delta format

A screenshot of a computer program

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**SCD type 1**

**A white rectangular object with a black circle

AI-generated content may be incorrect.**

The target table is created in the Hive metastore. And In the ADLS under the Gold folder.

A screen shot of a computer

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A close-up of a computer code

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Created hashkey for the row values.

Detla table

A screenshot of a computer

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Joining the table

Mapping the table and checking the value inserted

A screenshot of a computer

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Workflow Job

A screenshot of a computer

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Day2

Created new data and uploaded in the bronze layer

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New data –

The id 1 is updated and the new data for id 102 is added.

A screenshot of a computer

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