Inside a bucket create a folder named ecommerce

A screenshot of a computer

Description automatically generated

Upload the Ecommerce Purchases file inside the folder

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Description automatically generated with medium confidence

Create a crawler for the Ecommerce Purchases dataset

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Description automatically generated with medium confidence

Add the folder name in S3 of the dataset

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Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with medium confidence

Add a database to store the created table

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A screenshot of a computer

Description automatically generated with medium confidence

Click Finish to create the crawler

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Description automatically generated with medium confidence

Run the CrawlerA screenshot of a computer

Description automatically generated with medium confidence

The Table is createdA screenshot of a computer

Description automatically generated with medium confidence

An IAM Role named redshift-admin is created with 3 policiesA screenshot of a computer

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In Redshift a dedicated cluster is created named redshift-cluster-1

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Description automatically generated

Run this query to get the schema named ecommerce in redshift

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Description automatically generated with medium confidence

To display the data

select \* from ecommerce.ecommerce limit 5

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**Studio**

Create a Job to clean the data

A screenshot of a computer

Description automatically generated with medium confidence

Choose the dataset from S3 as the source

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Apply Mapping for dataset

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Description automatically generated with medium confidence

The destination is set at the S3 bucket

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Description automatically generated with medium confidence

Choose the option to store the data in out database

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Description automatically generated with medium confidence

Create a IAM Role for Glue Studio with 3 policies

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Description automatically generated with medium confidence

Save the job and see the preview with the IAM Role created

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Description automatically generated with medium confidence

Once Saved Run the job until it displays status as succeeded

A screenshot of a computer screen

Description automatically generated

In S3 BucketA screenshot of a computer

Description automatically generated with medium confidence

The table is also created in Data Catlog

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Description automatically generated with medium confidence

In Redshift the data can be displayed

select \* from ecommerce.ecomfinal limit 5

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Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with medium confidence

Queries

1. select avg("Purchase Price") from ecommerce.ecomfinal

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Description automatically generated with medium confidence

1. Max

select max("Purchase Price") from ecommerce.ecomfinal

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Description automatically generated with medium confidence

Min

select min("Purchase Price") from ecommerce.ecomfinal

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Description automatically generated with medium confidence

1. select count("Language") from ecommerce.ecomfinal where "Language"='en'

A screenshot of a computer

Description automatically generated with medium confidence

1. select count("Job") from ecommerce.ecomfinal where "Job"='Lawyer'

A screenshot of a computer

Description automatically generated

1. select "AM or PM", count(\*) from ecommerce.ecomfinal group by "AM or PM"

A screenshot of a computer

Description automatically generated

1. select "Job", count("Job") from ecommerce.ecomfinal group by "Job" order by count("Job") desc limit 5

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Description automatically generated with medium confidence

1. select "Purchase Price" from ecommerce.ecomfinal where "Lot"='90 WT'

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Description automatically generated with medium confidence

1. select "Email" from ecommerce.ecomfinal where "Credit Card"='4926535242672853'

A screenshot of a computer

Description automatically generated with medium confidence

1. select count("CC Provider") from ecommerce.ecomfinal where "CC Provider"='American Express' and "Purchase Price" > 95

A screenshot of a computer

Description automatically generated