**Develop 10 SQL Queries**

**1.Find male and female customers count**

**SELECT**

**Gender,**

**COUNT(\*) AS TotalCustomers**

**FROM**

**customer2**

**GROUP BY**

**Gender;**

**SELECT**

**SUM(CASE WHEN Gender = 'Male' THEN 1 ELSE 0 END) AS MaleCount,**

**SUM(CASE WHEN Gender = 'Female' THEN 1 ELSE 0 END) AS FemaleCount**

**FROM**

**customer2;**

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| --- | --- |
|  |  |

**2..high productsales**

**CREATE TABLE highsales\_products AS**

**SELECT**

**p.ProductKey,**

**p.product\_name,**

**p.Brand,**

**p.Category,**

**COUNT(s.ProductKey) AS sales\_count**

**FROM**

**dataspark.products2 AS p**

**LEFT JOIN**

**dataspark.sales2 AS s ON p.ProductKey = s.ProductKey**

**GROUP BY**

**p.ProductKey, p.product\_name, p.Brand, p.Category**

**HAVING**

**sales\_count >= 10;**

**3.CREATE TABLE female\_customers AS**

**SELECT**

**CustomerKey,**

**Gender,**

**Cus\_name,**

**City,**

**State\_Code,**

**State,**

**Zip\_Code,**

**Country,**

**Continent,**

**Birthday**

**FROM**

**dataspark.customer2**

**WHERE**

**Gender = 'Female'; -- Filter for female customers**

**4.find less product sales**

**CREATE TABLE lesssales\_products AS**

**SELECT**

**p.ProductKey,**

**p.product\_name,**

**p.Brand,**

**p.Category,**

**COUNT(s.ProductKey) AS sales\_count**

**FROM**

**dataspark.products2 AS p**

**LEFT JOIN**

**dataspark.sales2 AS s ON p.ProductKey = s.ProductKey**

**GROUP BY**

**p.ProductKey, p.product\_name, p.Brand, p.Category**

**HAVING**

**sales\_count < 3;**

**5.CREATE TABLE female\_customers AS**

**SELECT**

**CustomerKey,**

**Gender,**

**Cus\_name,**

**City,**

**State\_Code,**

**State,**

**Zip\_Code,**

**Country,**

**Continent,**

**Birthday**

**FROM**

**dataspark.customer2**

**WHERE**

**Gender = 'Female'; -- Filter for female customers**

**6.. highsales\_category\_analysis**

**CREATE TABLE highsales\_category\_analysis AS**

**SELECT**

**p.Category,**

**p.Subcategory,**

**COUNT(s.ProductKey) AS total\_sales,**

**COUNT(DISTINCT p.ProductKey) AS unique\_products**

**FROM**

**dataspark.products2 AS p**

**LEFT JOIN**

**dataspark.sales2 AS s ON p.ProductKey = s.ProductKey**

**GROUP BY**

**p.Category, p.Subcategory**

**HAVING**

**total\_sales >= 10;**

**7.get large stores in size**

**CREATE TABLE large\_stores AS**

**SELECT**

**StoreKey,**

**Country,**

**State,**

**Square\_Meters,**

**Open\_Date**

**FROM**

**dataspark.store2**

**WHERE**

**Square\_Meters > 300;**

**8..**

CREATE TABLE store\_currency\_analysis AS

SELECT

StoreKey,

Currency\_Code,

COUNT(DISTINCT Order\_Number) AS order\_count,

SUM(Quantity) AS total\_quantity

FROM

dataspark.sales2

GROUP BY

StoreKey, Currency\_Code

ORDER BY

StoreKey, Currency\_Code;

9.. CREATE TABLE fast\_moving\_colors AS

SELECT

p.Color,

SUM(s.Quantity) AS total\_sales

FROM

dataspark.products2 AS p

JOIN

dataspark.sales2 AS s ON p.ProductKey = s.ProductKey

GROUP BY

p.Color

ORDER BY

total\_sales DESC;

10. CREATE TABLE categorized\_products AS

SELECT

p.Category,

p.ProductKey,

p.Product\_Name,

p.Brand,

p.Color,

p.Unit\_Cost\_USD,

p.Unit\_Price\_USD,

p.SubcategoryKey,

p.Subcategory

FROM

dataspark.products2 AS p

ORDER BY

p.Category, p.Product\_Name;