```
## Data cleaning. Remove comments, i.e., “/**/” from the individual queries to display
results.

# 1. As it is a good practice to not change or modify the original dataset, a new table is
created for queries in which the data is extracted from the original dataset.

/*
CREATE TABLE manikanth-sql.customer.customer_spending_behavior
(
  Index INT64,  --All of these are the attributes in the table.
  Date DATE,
  Year INT64,
  Month STRING,
  Age INT64,
  Gender STRING,
  Country STRING,
  State STRING,
  Product_category STRING,
  Sub_category STRING,
  Quantity INT64,
  Unit_cost FLOAT64,
  Unit_price FLOAT64,
  Cost FLOAT64,
  Revenue FLOAT64
)

INSERT INTO manikanth-sql.customer.customer_spending_behavior

(Index,Date,Year,Month,Age,Gender,Country,State,Product_category,Sub_category,Quantity,Unit_
cost,Unit_price,Cost,Revenue)
SELECT
  index,
  Date,
  EXTRACT (YEAR FROM Date) AS Year,
  Month,
  CAST(Customer_Age AS INT64) AS Age, --Converting Age to INT as the new column created
above is an INT data type.
  Customer_Gender,
  Country,
  State,
  Product_Category,
  Sub_Category,
  CAST(Quantity AS INT64) AS Quantity,  --Converting Quantity to INT as the new column
created above is an INT data type.
  Unit_Cost,
  Unit_Price,
  Cost,
  Revenue
FROM
  manikanth-sql.customer.spending_habits
*/

# 2. Checking for duplicate rows to keep only the distinct rows.

/*
SELECT
```

```
  DISTINCT *
FROM
  manikanth-sql.customer.customer_spending_behavior
*/

# 3. Checking for list of countries to identify abnormalities.

/*
SELECT
  DISTINCT Country
FROM
  manikanth-sql.customer.customer_spending_behavior
*/

# 4. Country column contain a null value. So, it is deleted.

/*
DELETE FROM
  manikanth-sql.customer.customer_spending_behavior
WHERE
  Country IS NULL
*/

--Rest of the dataset is clean and ready to be used for queries.
```