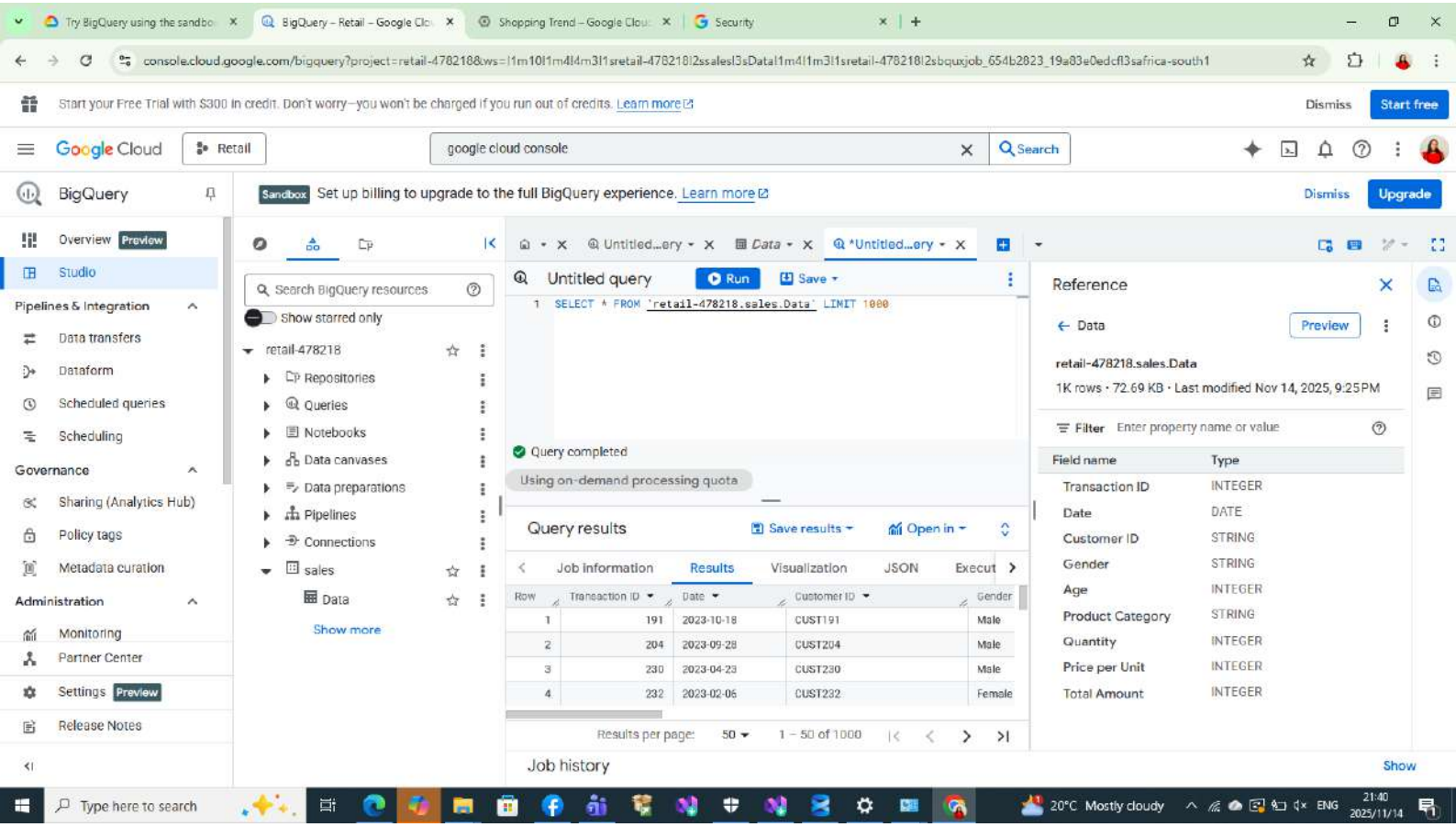
Try BigQuery using the sandbox
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Security
console.cloud.google.com/bigquery?project=retail-478218&ws=!1m10!1m4!4m3!1sretail-478218!2ssalesl3sDatal1m4!1m3!1sretail-478218!2sbquxjob_654b2823_19a83e0edcf13safrica-south1
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Dataform
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Scheduling
Governance
Sharing (Analytics Hub)
Policy tags
Metadata curation
Administration
Monitoring
Partner Center
Settings
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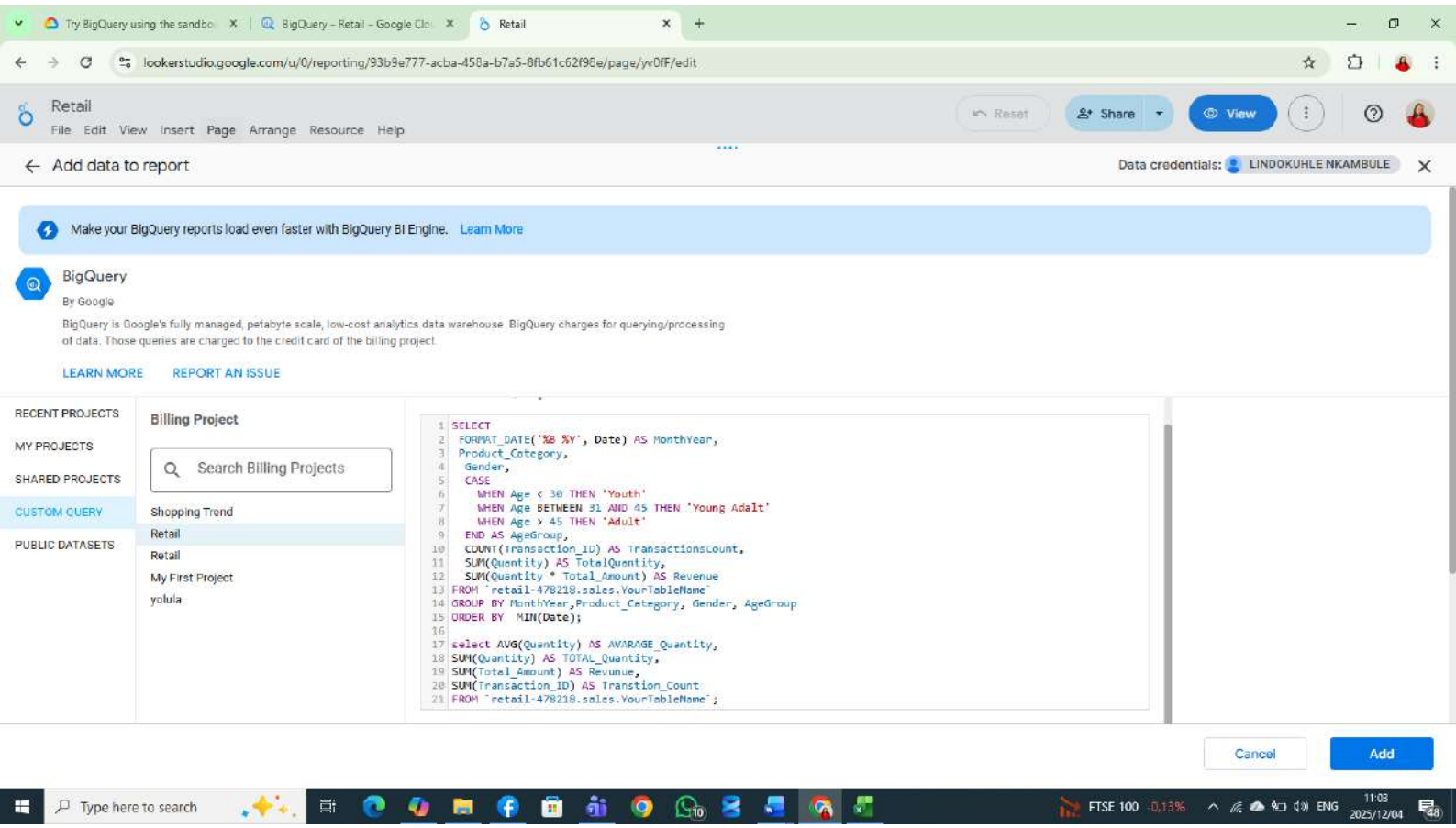
Release Notes
Search BigQuery resources
Show starred only
retail-478218
Repositories
Queries
Notebooks
Data canvases
Data preparations
Pipelines
Connections
sales
Data
Show more
Untitled query
Run
Save
1 SELECT * FROM `retail-478218.sales.Data` LIMIT 1000
Query completed
Using on-demand processing quota
Query results
Save results
Open in
Job information
Results
Visualization
JSON
Execut
Row
Transaction ID
Date
Customer ID
Gender
1 191 2023-10-18 CUST191 Male
2 204 2023-09-28 CUST204 Male
3 230 2023-04-23 CUST230 Male
4 232 2023-02-06 CUST232 Female
Results per page: 50
1 – 50 of 1000
Job history
Show
Reference
Data
Preview
retail-478218.sales.Data
1K rows • 72.69 KB • Last modified Nov 14, 2025, 9:25PM
Filter
Enter property name or value
Field name
Type
Transaction ID INTEGER
Date DATE
Customer ID STRING
Gender STRING
Age INTEGER
Product Category STRING
Quantity INTEGER
Price per Unit INTEGER
Total Amount INTEGER
Type here to search
20°C Mostly cloudy
ENG
21:40
2025/11/14


Try BigQuery using the sandbo
BigQuery – Retail – Google Clo
Retail
lookerstudio.google.com/u/0/reporting/93b9e777-acba-450a-b7a5-8fb61c62f98e/page/jv0fF/edit
Retail
File Edit View Insert Page Arrange Resource Help
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Add data to report
Data credentials: LINDOKUHLE NKAMBULE
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By Google
BigQuery is Google's fully managed, petabyte scale, low-cost analytics data warehouse BigQuery charges for querying/processing of data. Those queries are charged to the credit card of the billing project.
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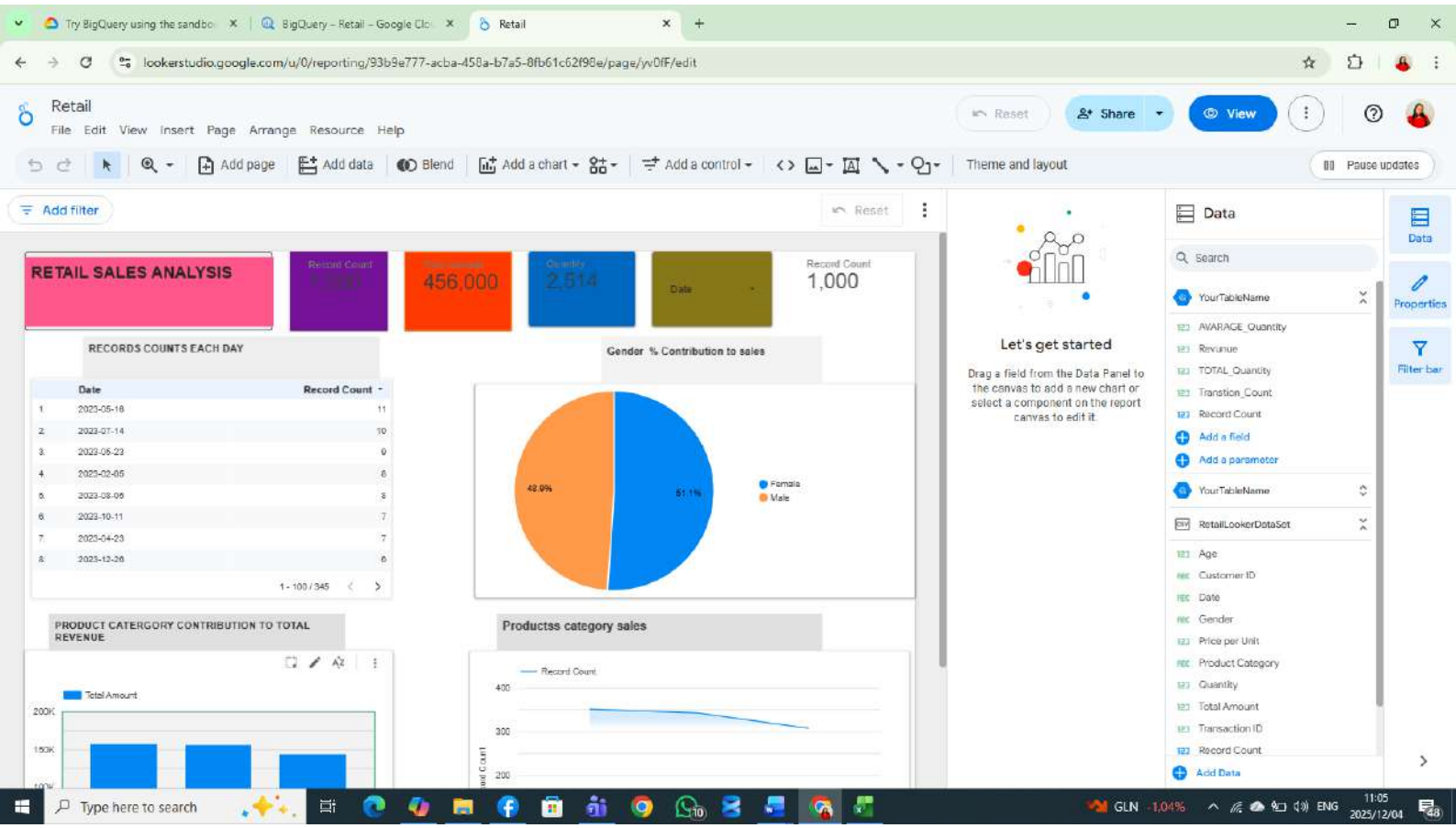
My First Project
yolula
1 SELECT
2 FORMAT_DATE('%B %Y', Date) AS MonthYear,
3 Product_Category,
4 Gender,
5 CASE
6 WHEN Age < 30 THEN 'Youth'
7 WHEN Age BETWEEN 31 AND 45 THEN 'Young Adult'
8 WHEN Age > 45 THEN 'Adult'
9 END AS AgeGroup,
10 COUNT(Transaction_ID) AS TransactionsCount,
11 SUM(Quantity) AS TotalQuantity,
12 SUM(Quantity * Total_Amount) AS Revenue
13 FROM `retail-478218.sales.YourTableName`
14 GROUP BY MonthYear,Product_Category, Gender, AgeGroup
15 ORDER BY MIN(Date);
16
17 select AVG(Quantity) AS AVARAGE_Quantity,
18 SUM(Quantity) AS TOTAL_Quantity,
19 SUM(Total_Amount) AS Revenue,
20 SUM(Transaction_ID) AS Transtion_Count
21 FROM `retail-478218.sales.YourTableName`;
Cancel
Add
Type here to search
FTSE 100 -0,13%
ENG
11:03
2025/12/04


Retail
File Edit View Insert Page Arrange Resource Help
Reset
Share
View
Add page
Add data
Blend
Add a chart
Add a control
Theme and layout
Pause updates
Add filter
Reset
RETAIL SALES ANALYSIS
456,000
2,514
Record Count
1,000
RECORDS COUNTS EACH DAY
Date
Record Count
1 2023-05-16 11
2 2023-07-14 10
3 2023-05-23 9
4 2023-02-05 8
5 2023-08-06 8
6 2023-10-11 7
7 2023-04-23 7
8 2023-12-26 6
1 - 100 / 345
Gender % Contribution to sales
48.9%
51.1%
Female
Male
PRODUCT CATERGORY CONTRIBUTION TO TOTAL REVENUE
Total Amount
200K
150K
Productss category sales
Record Count
400
300
200
Let's get started
Drag a field from the Data Panel to the canvas to add a new chart or select a component on the report canvas to edit it.
Data
Search
YourTableName
AVARAGE_Quantity
Revunue
TOTAL_Quantity
Transtion_Count
Record Count
Add a field
Add a parameter
YourTableName
RetailLookerDataSet
Age
Customer ID
Date
Gender
Price per Unit
Product Category
Quantity
Total Amount
Transaction ID
Record Count
Add Data
Data
Properties
Filter bar
Type here to search
GLN -1,04%
ENG
11:05
2025/12/04