PROJECT 2 DBT

Nama Kelompok:
Fantasitic 4
Anggota Kelompok::

1. Ginta Khairunisa
2. Donna Setiawan
3. Muhammad Ramli
4. Ozza Dinata
5. Satria Said

Source data:
https://github.com/graphql-compose/grap hql-compose-examples/tree/master/exam ples/northwind/data/csv

pilih salah satu :

1. Raw data dari source data di atas masukkan ke postgre/**snowflake (bonus)** (menggunakan python) di dalam dbt.
2. Buatkan datawarehouse nya di dalam dbt **menggunakan snowflake/big query (well done).**
3. membuat data mart
4. membuat dashboard report

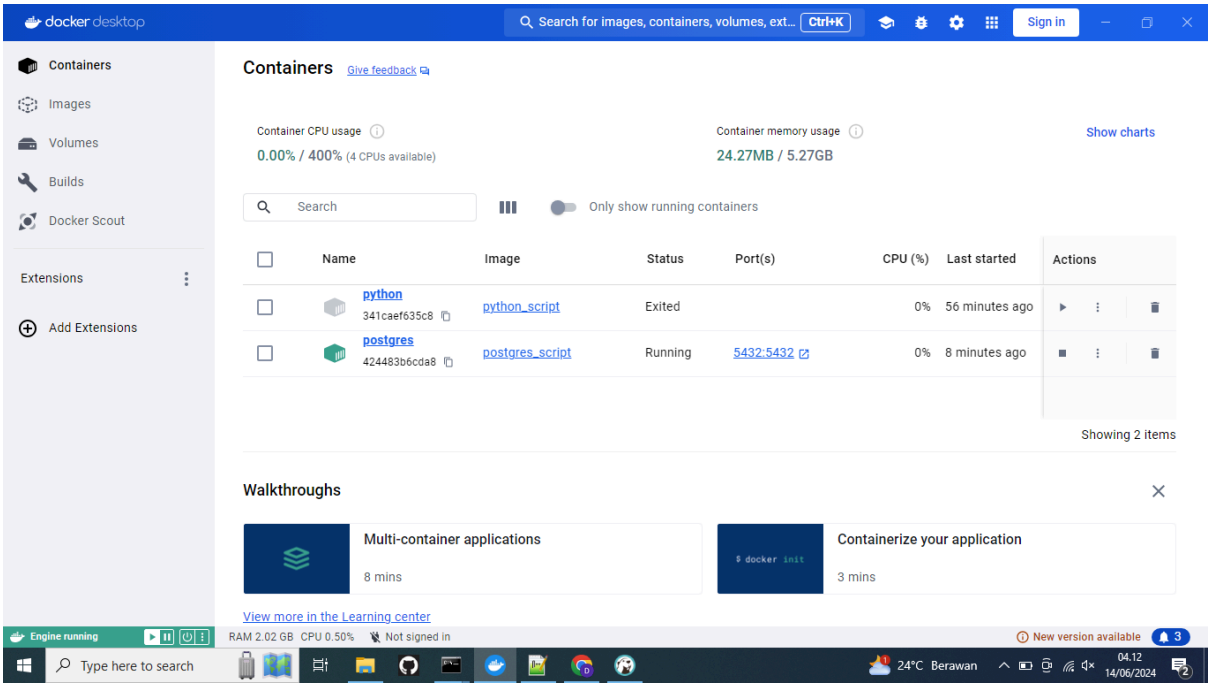
ketentuan data mart dan dashboard:

Sebagai marketing leader, saya ingin dashboard report berikut:
(gross revenue = (harga (harga * diskon))* jumlah barang)

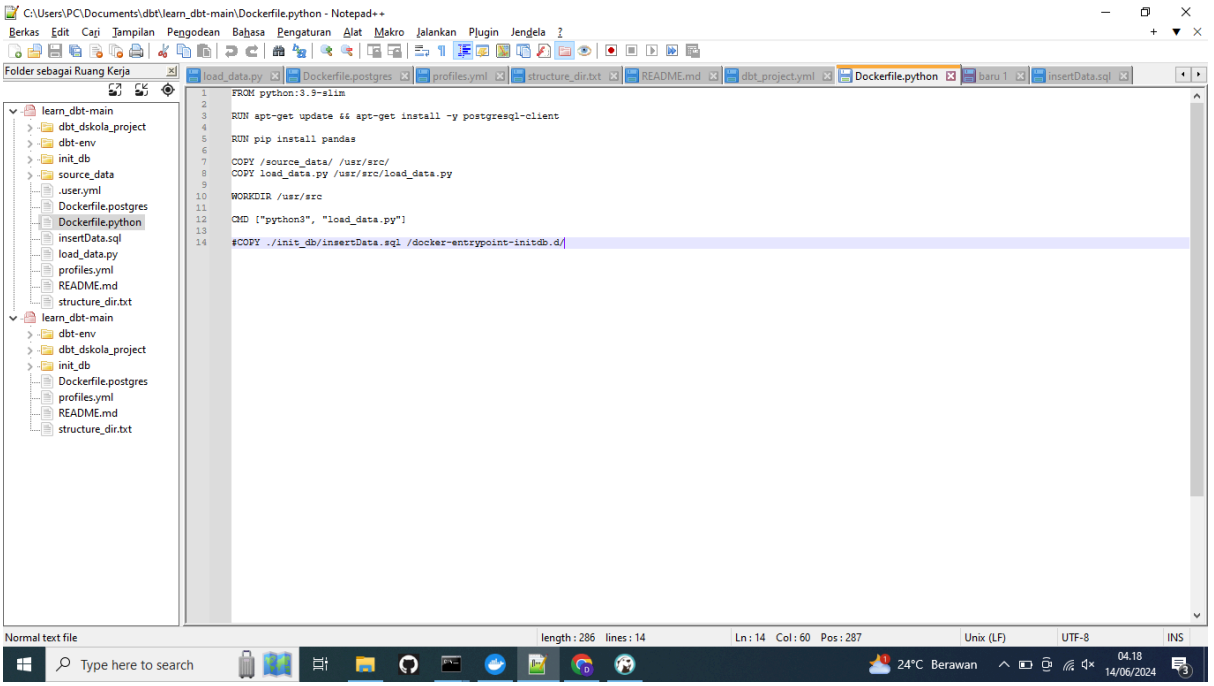
1. Table supplier (company_name) gross revenue tiap bulan (datamart_monthly_supplier_gross_revenue)
2. tabel kategori produk paling banyak terjual tiap bulan (datamart_monthly_category_sold)
3. tabel best employee (employee_name) berdasarkan total gross revenue yang dihasilkan dalam satu bulan (datamart_monthly_best_employee)

Link Github Project 2:
https://github.com/thebettercode/Project_2_F4_Digital_Skola/tree/main

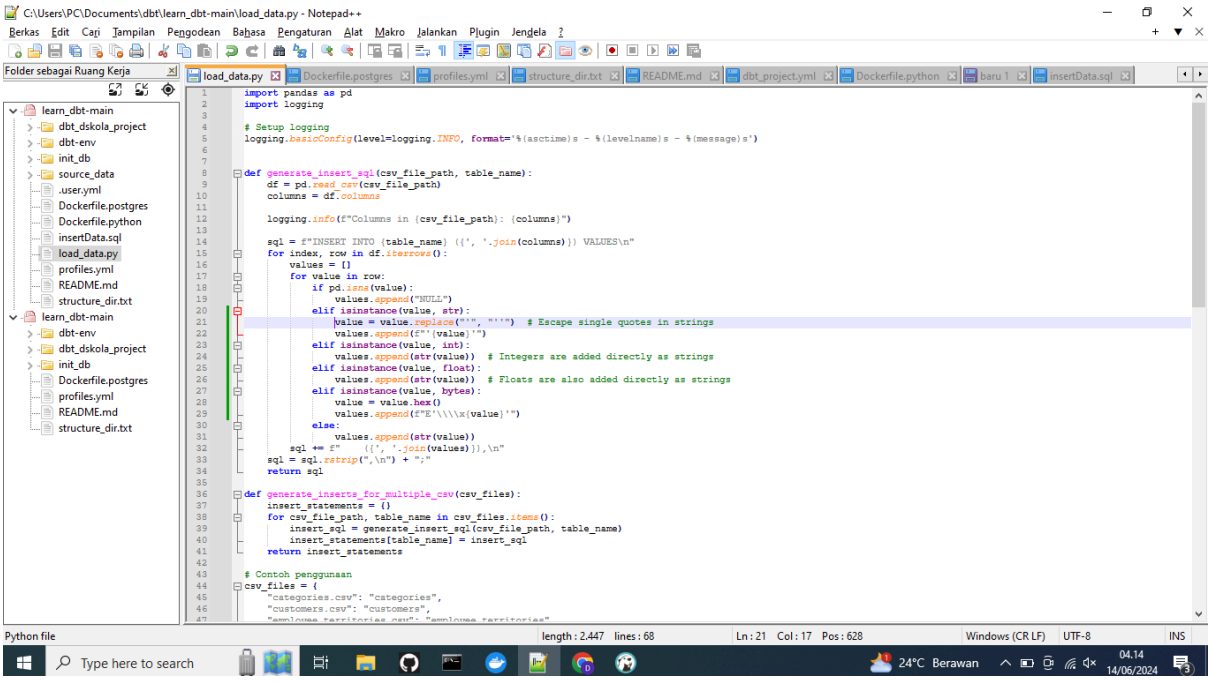
1. Lampiran Gambar Load data dari source data (CSV)



Tampilan Docker Container Run



Tampilan Script Dockerfile Pyhon

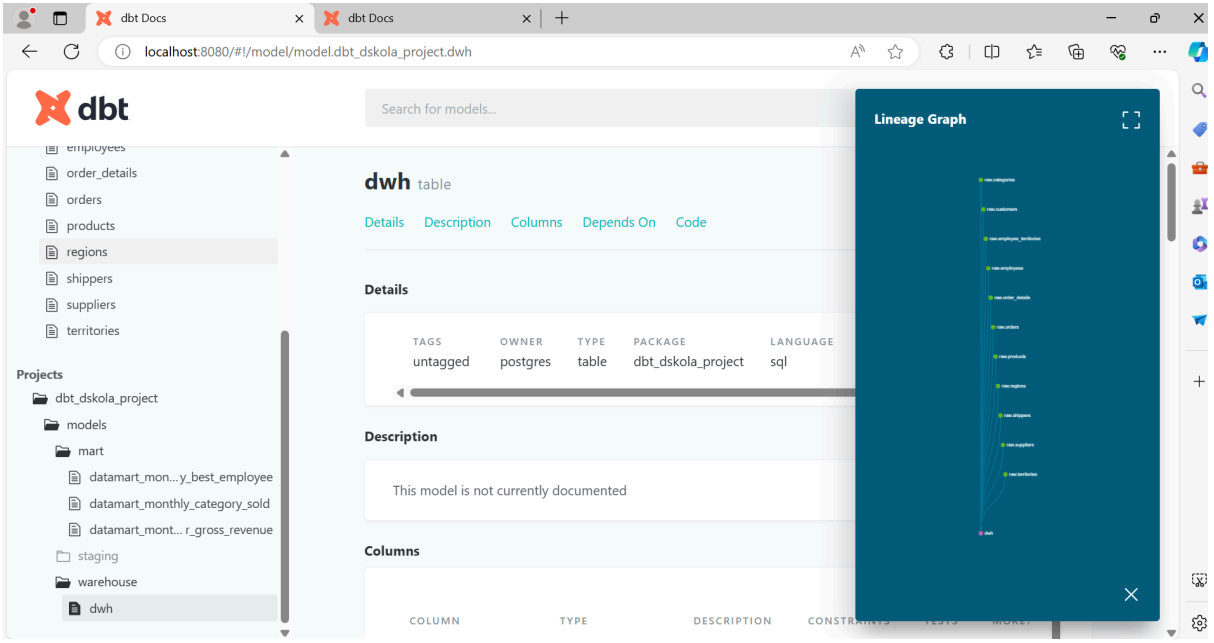


Tampilan Script Python Load data dari file CSV

```
db_dskola=# \l
db_dskola=# \dt
                List of relations
 Schema |         Name          | Type  |  Owner
--------+-----------------------+-------+----------
 public | categories            | table | postgres
 public | customers             | table | postgres
 public | employee_territories  | table | postgres
 public | employees             | table | postgres
 public | order_details         | table | postgres
 public | orders                | table | postgres
 public | products              | table | postgres
 public | regions               | table | postgres
 public | shippers              | table | postgres
 public | suppliers             | table | postgres
 public | territories           | table | postgres
(11 rows)
```

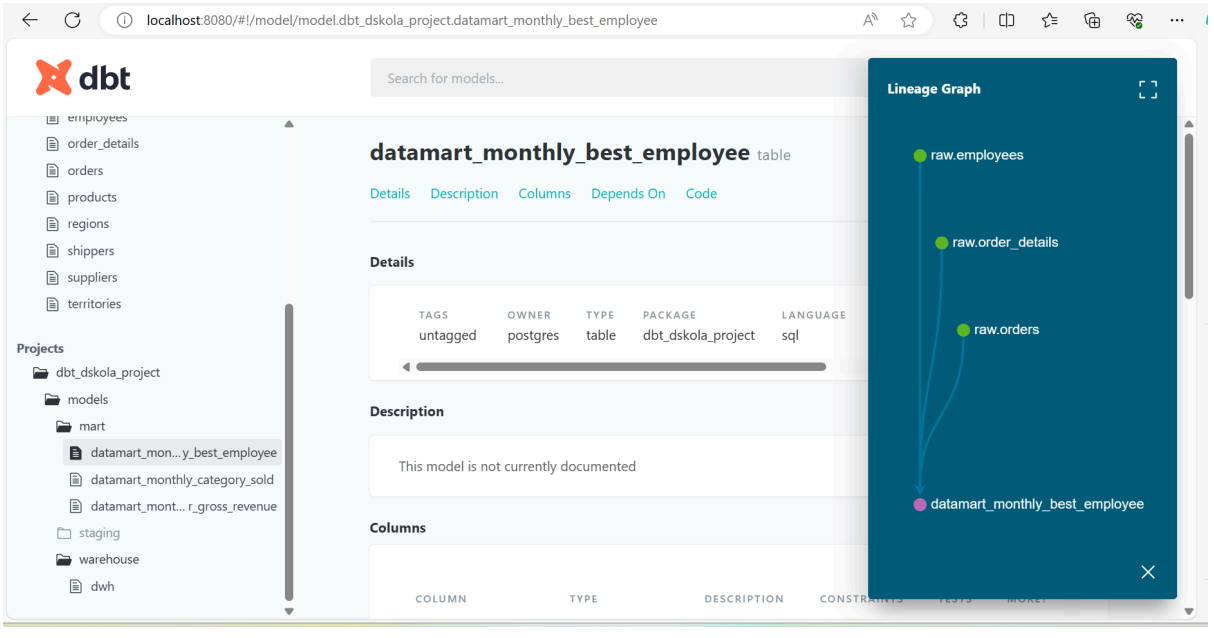
Tampilan Output Table Database db_dskola

2. Lampiran Gambar Data Warehouse



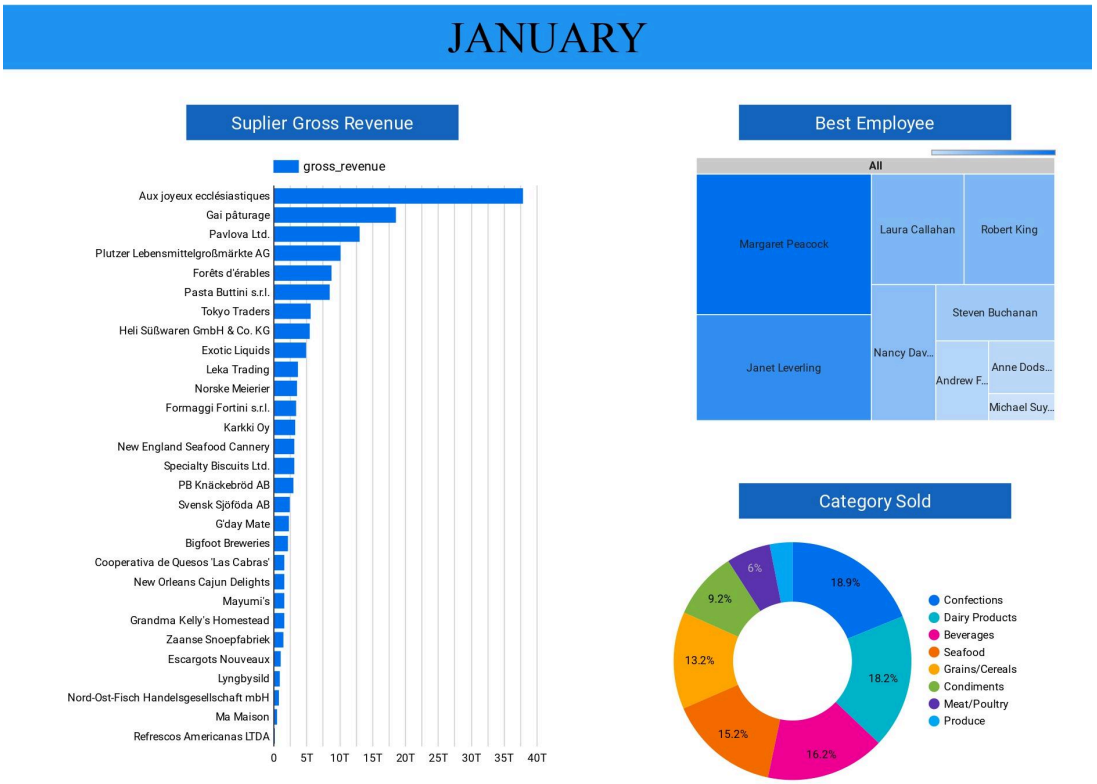
Tampilan dbt Data Warehouse

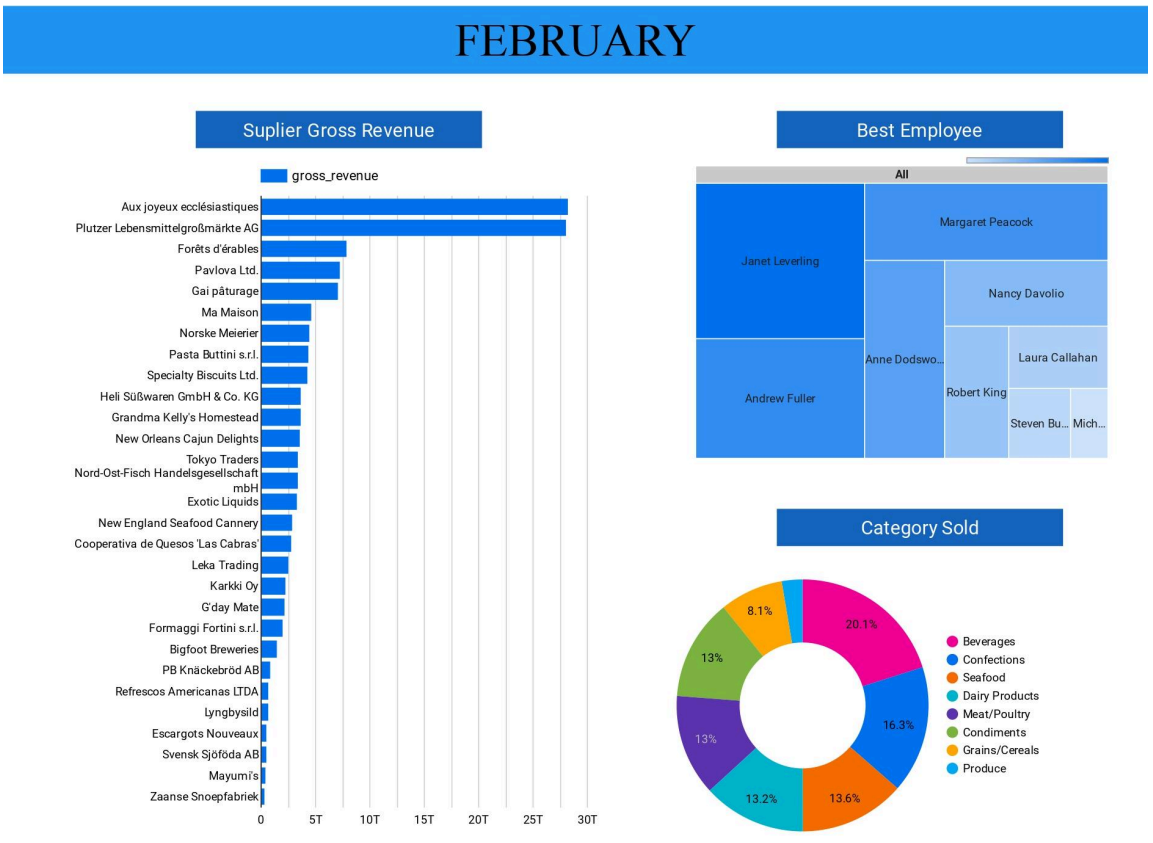
3. Lampiran Gambar Data Mart di DBT



Tampilan dbt Data Mart Monthly Best Employee

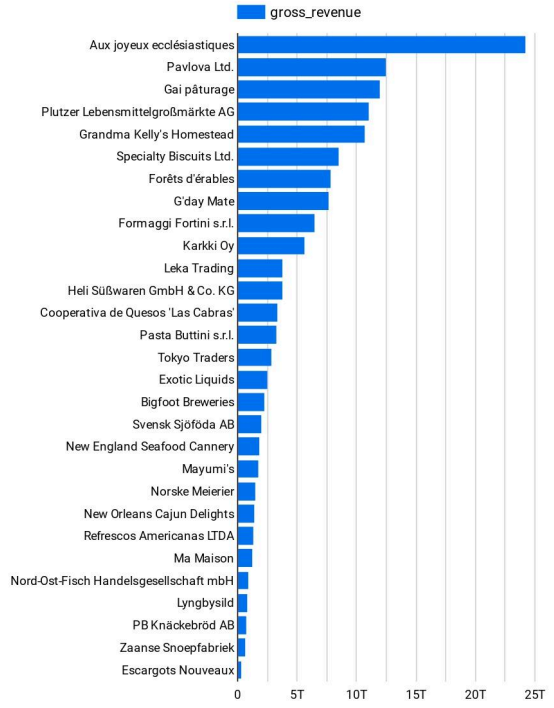
4. Lampiran Dashboard (Visusalisasi Data)
   https://lookerstudio.google.com/reporting/5c669748-d3bd-4cbb-89d5-be8c41dbecc8



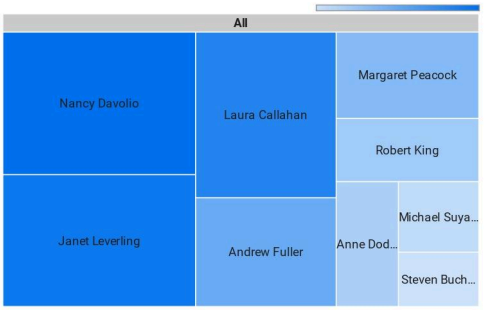


MARCH

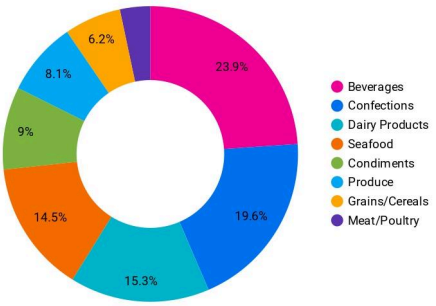
Suplier Gross Revenue



Best Employee

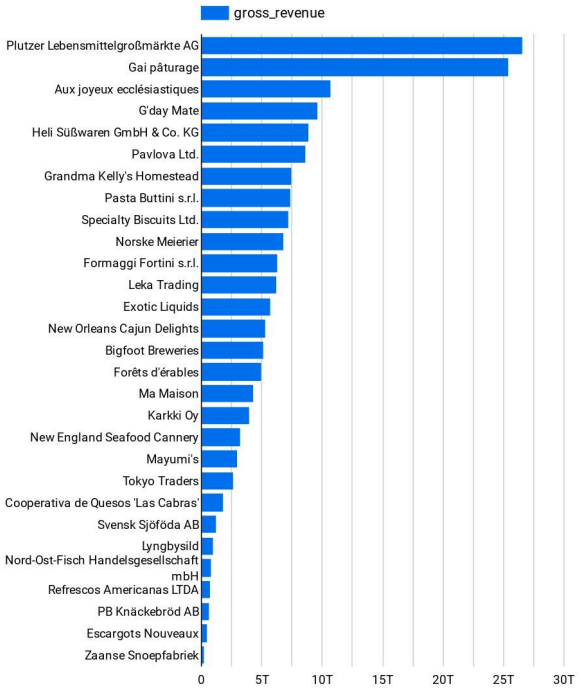


Category Sold

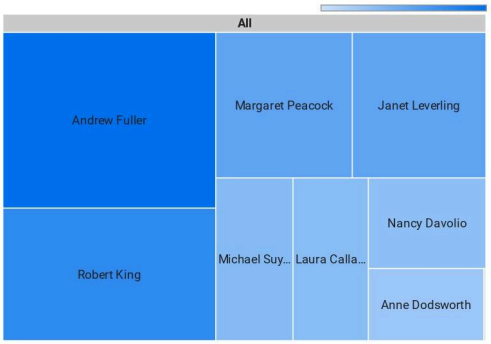


APRIL

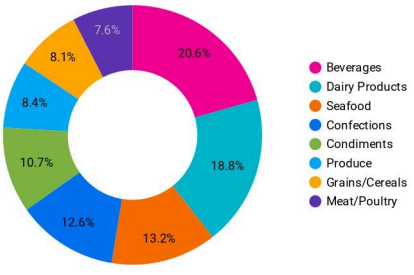
Suplier Gross Revenue



Best Employee

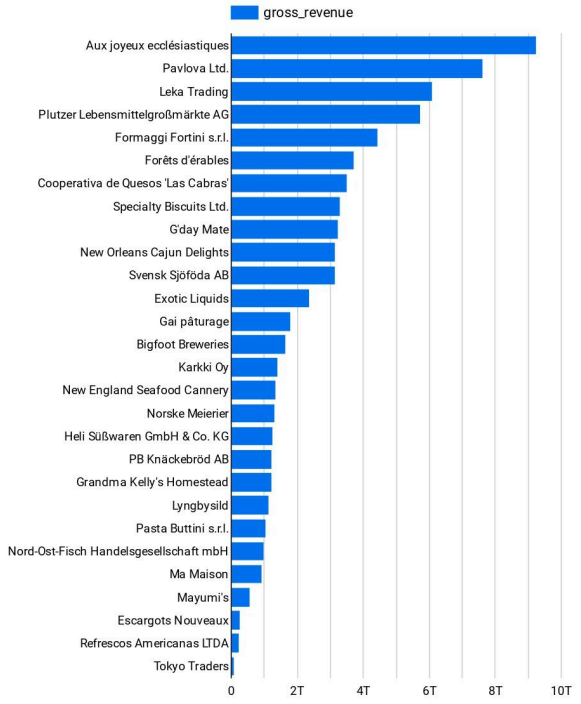


Category Sold



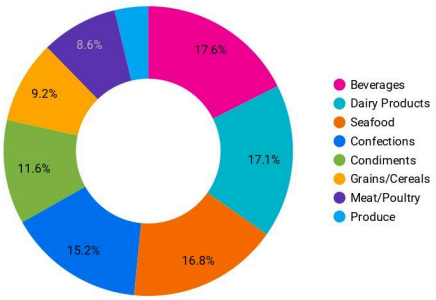
MAY

Suplier Gross Revenue



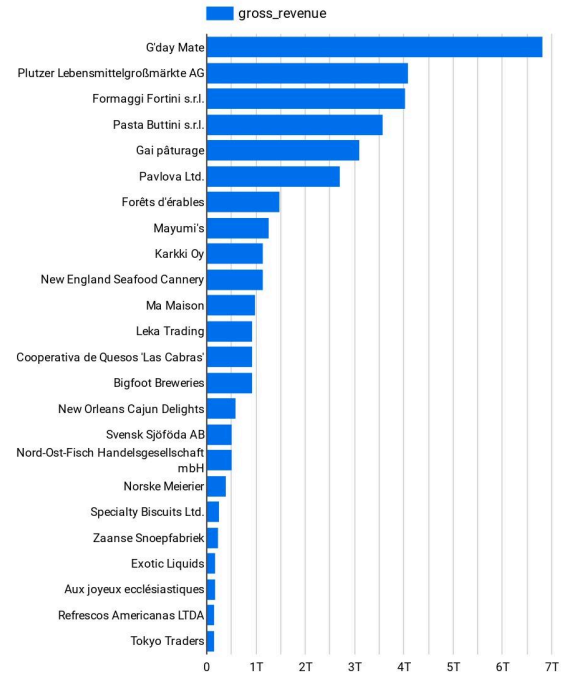
Best Employee

Category Sold

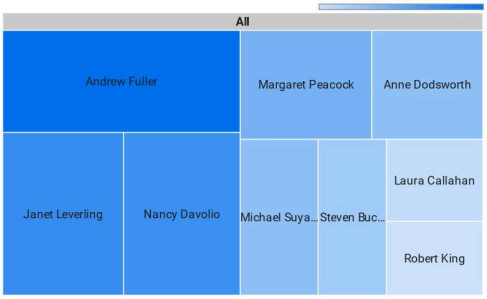


JUNE

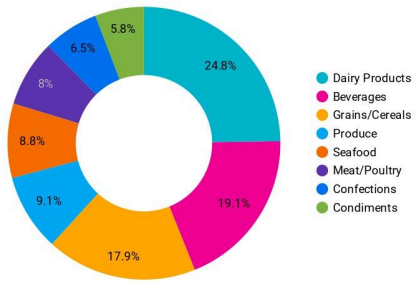
Suplier Gross Revenue



Best Employee

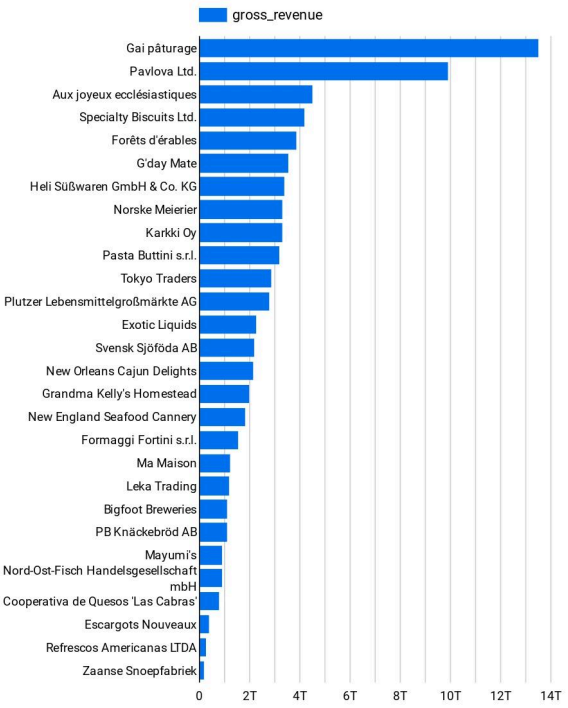


Category Sold

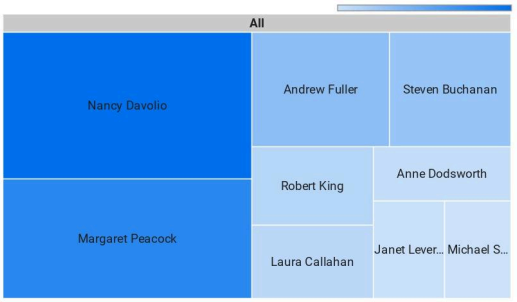


JULY

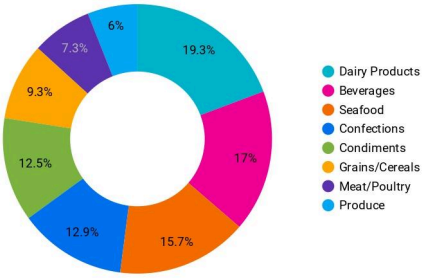
Suplier Gross Revenue



Best Employee

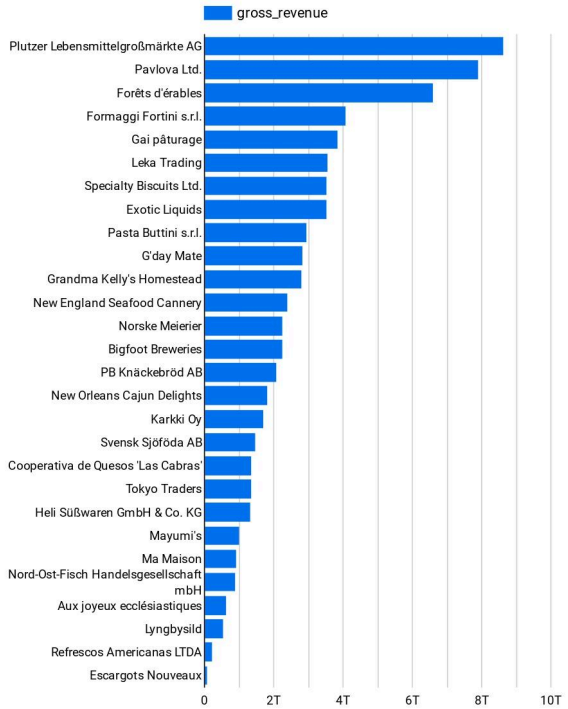


Category Sold

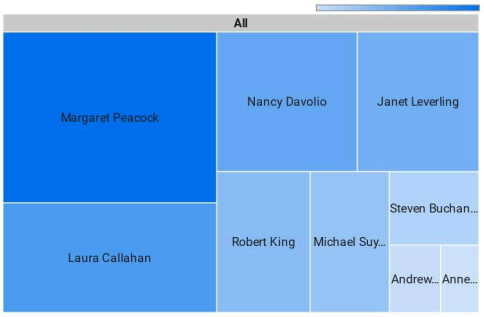


AUGUST

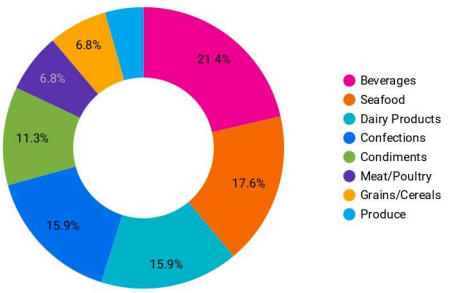
Suplier Gross Revenue



Best Employee

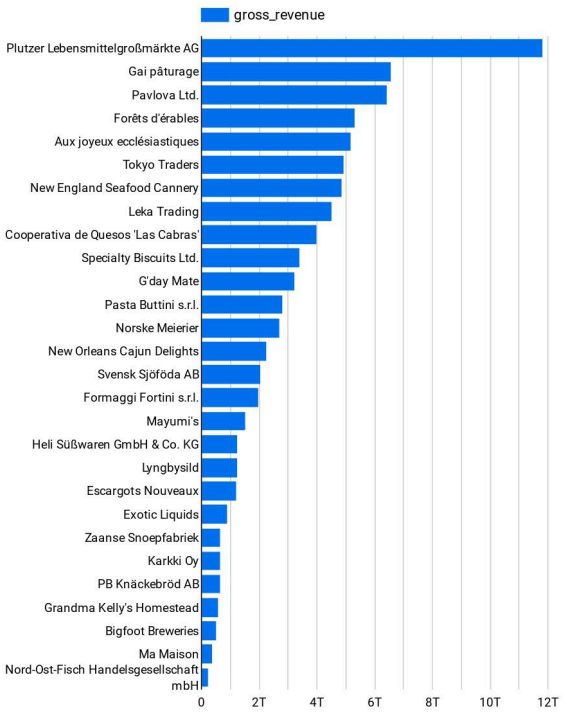


Category Sold

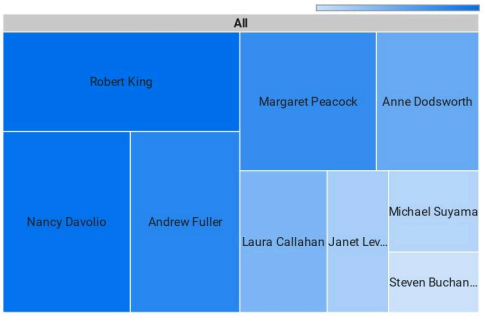


SEPTEMBER

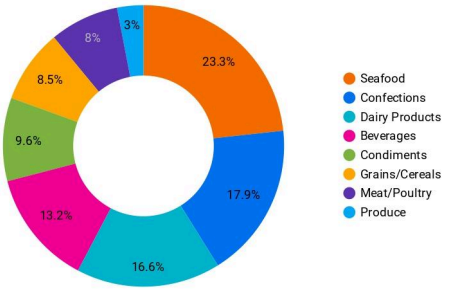
Suplier Gross Revenue



Best Employee

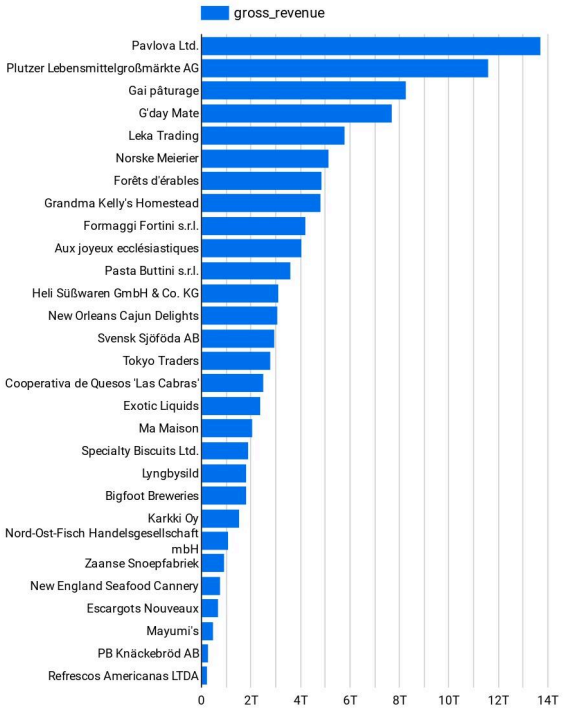


Category Sold

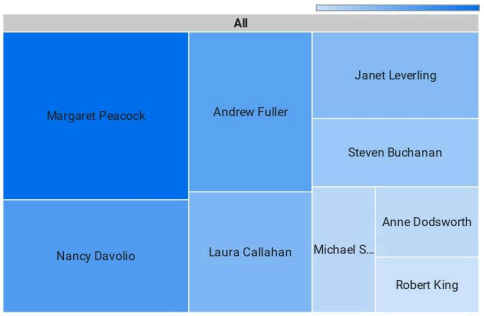


OCTOBER

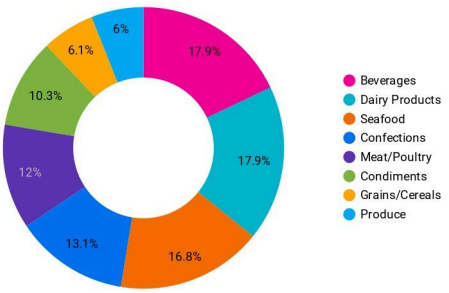
Suplier Gross Revenue



Best Employee

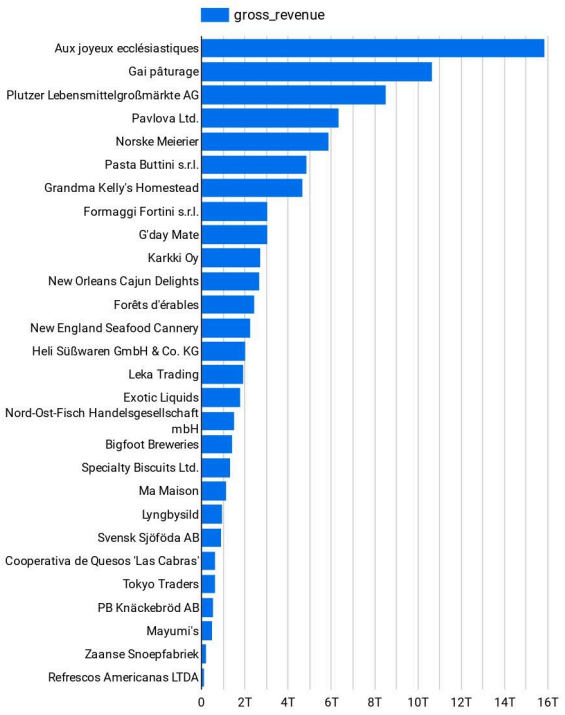


Category Sold



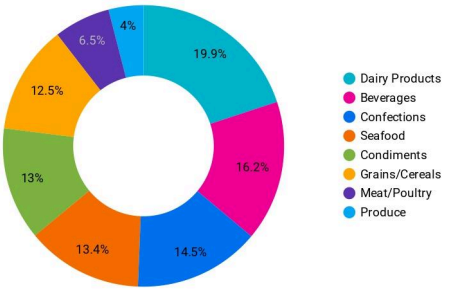
NOVEMBER

Suplier Gross Revenue



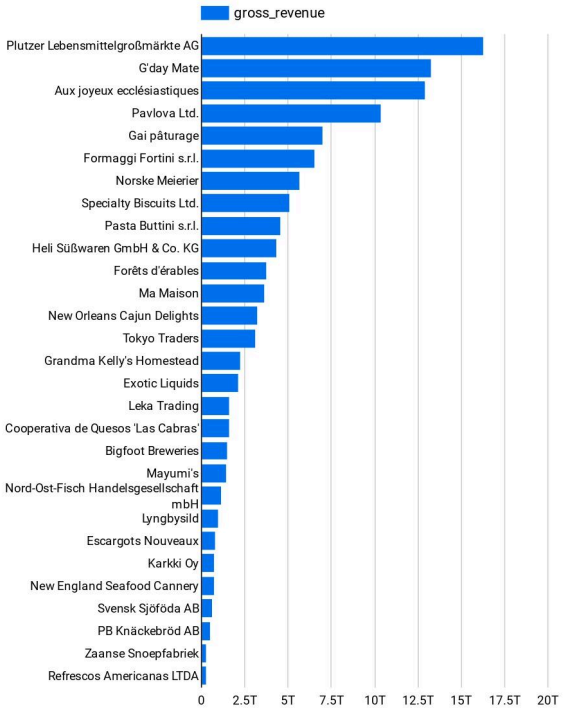
Best Employee

Category Sold

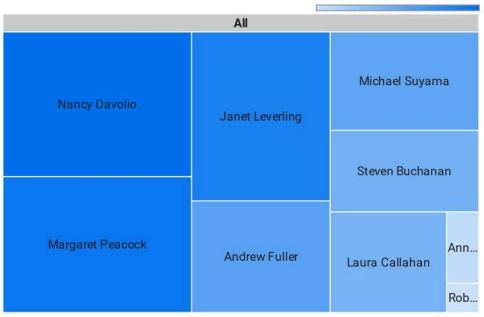


DECEMBER

Suplier Gross Revenue



Best Employee



Category Sold