**Project on Income inequality before and after taxes**

**Summary**: To Analyze income inequality before and after taxes and how much do countries redistribute income?

**Source for excel**: https://ourworldindata.org/income-inequality-before-and-after-taxes

**Contents**:

1. Importing data from csv file to My SQL
2. Creating a new table for Total\_Income for market and household income
3. Importing all tables from MY SQL to Power BI
4. Creating a dashboard in Power BI

Imported from below csv data to MySQL



Database:

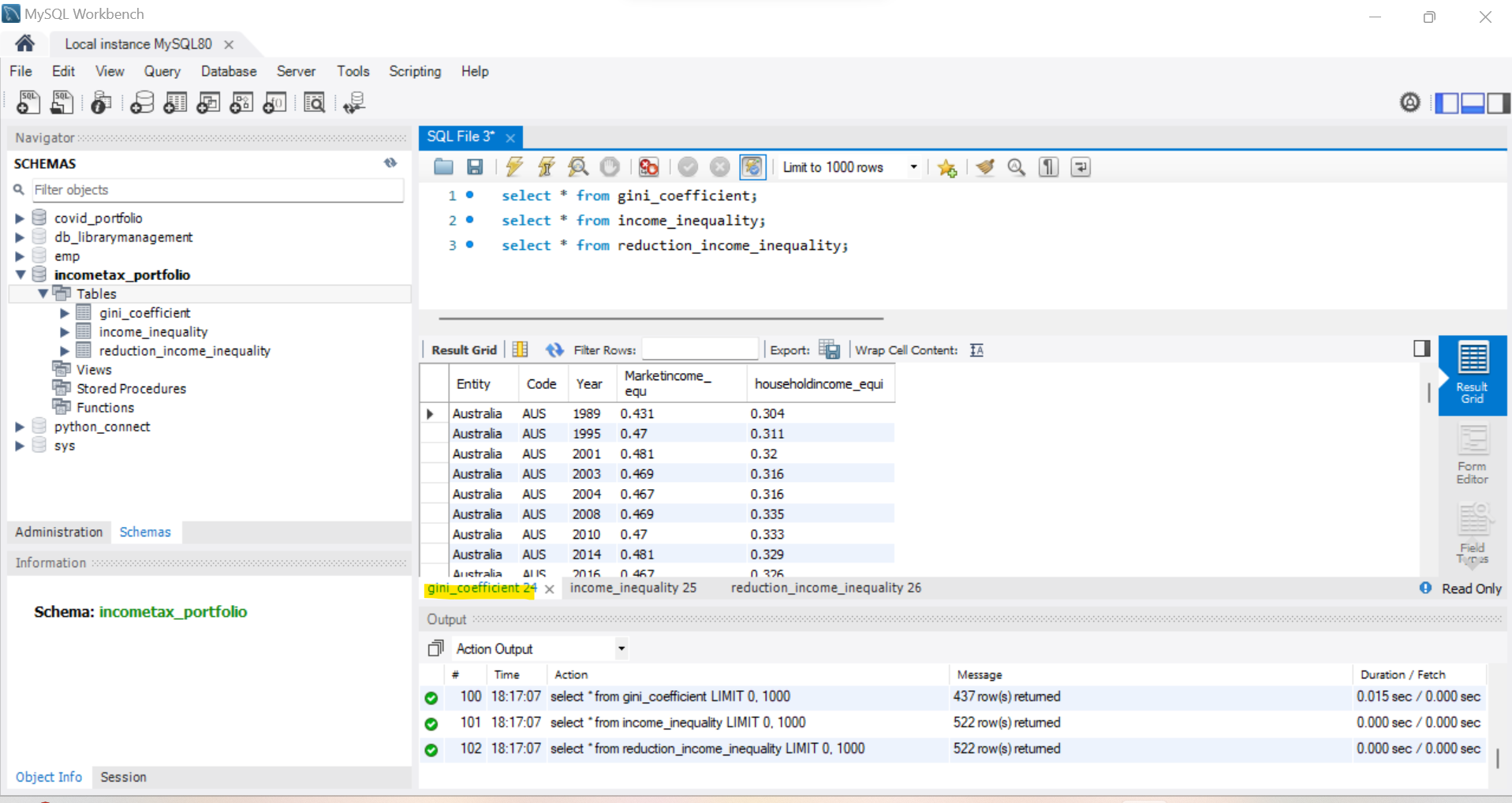
Incometax\_portfolio

Tables:

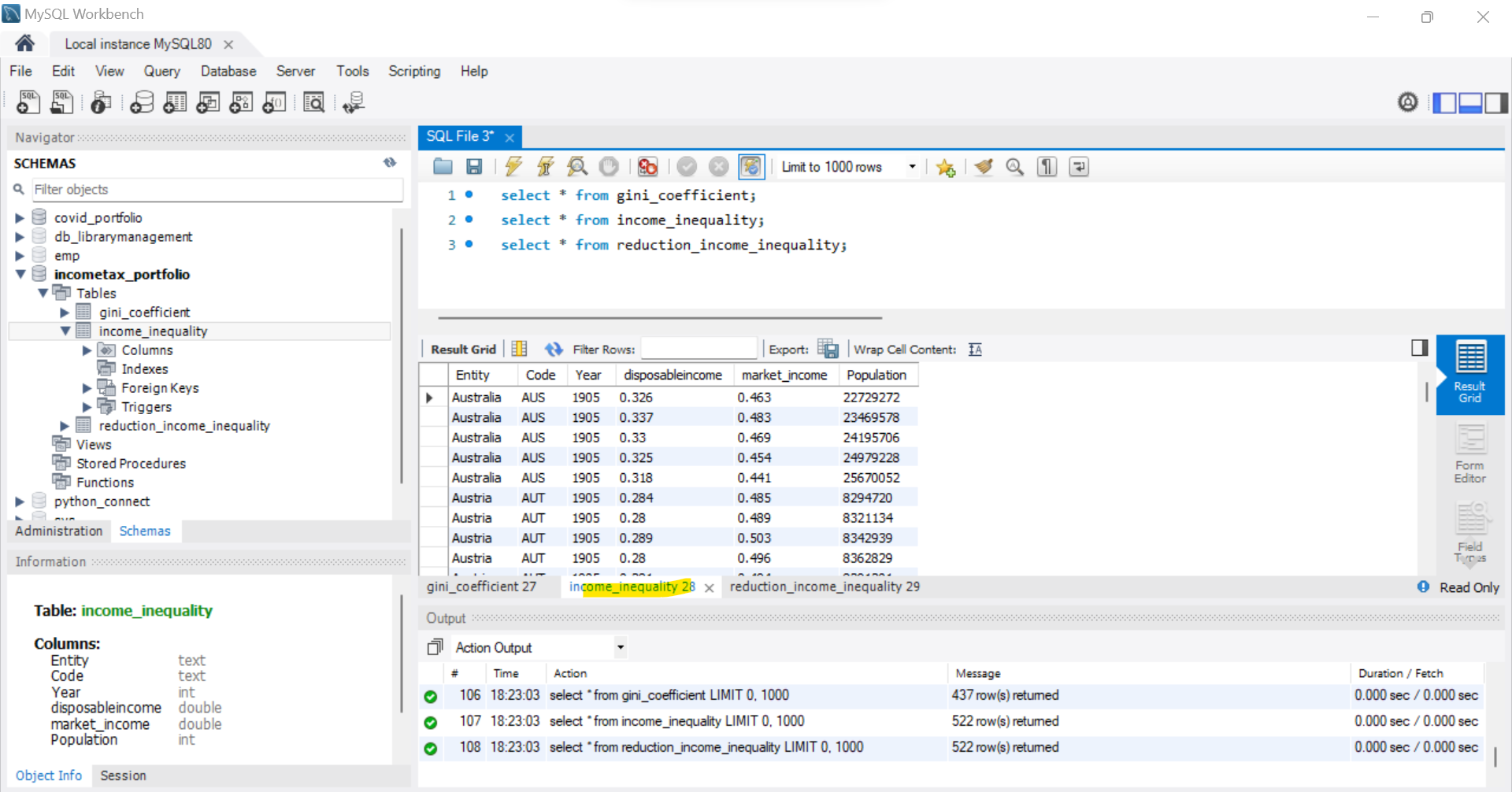
1. Gini\_coefficient
2. Income\_inequality
3. Reduction\_income\_inequality
4. Total\_Income

Gini\_Coefficient - is a statistical measure of economic inequality in a population.

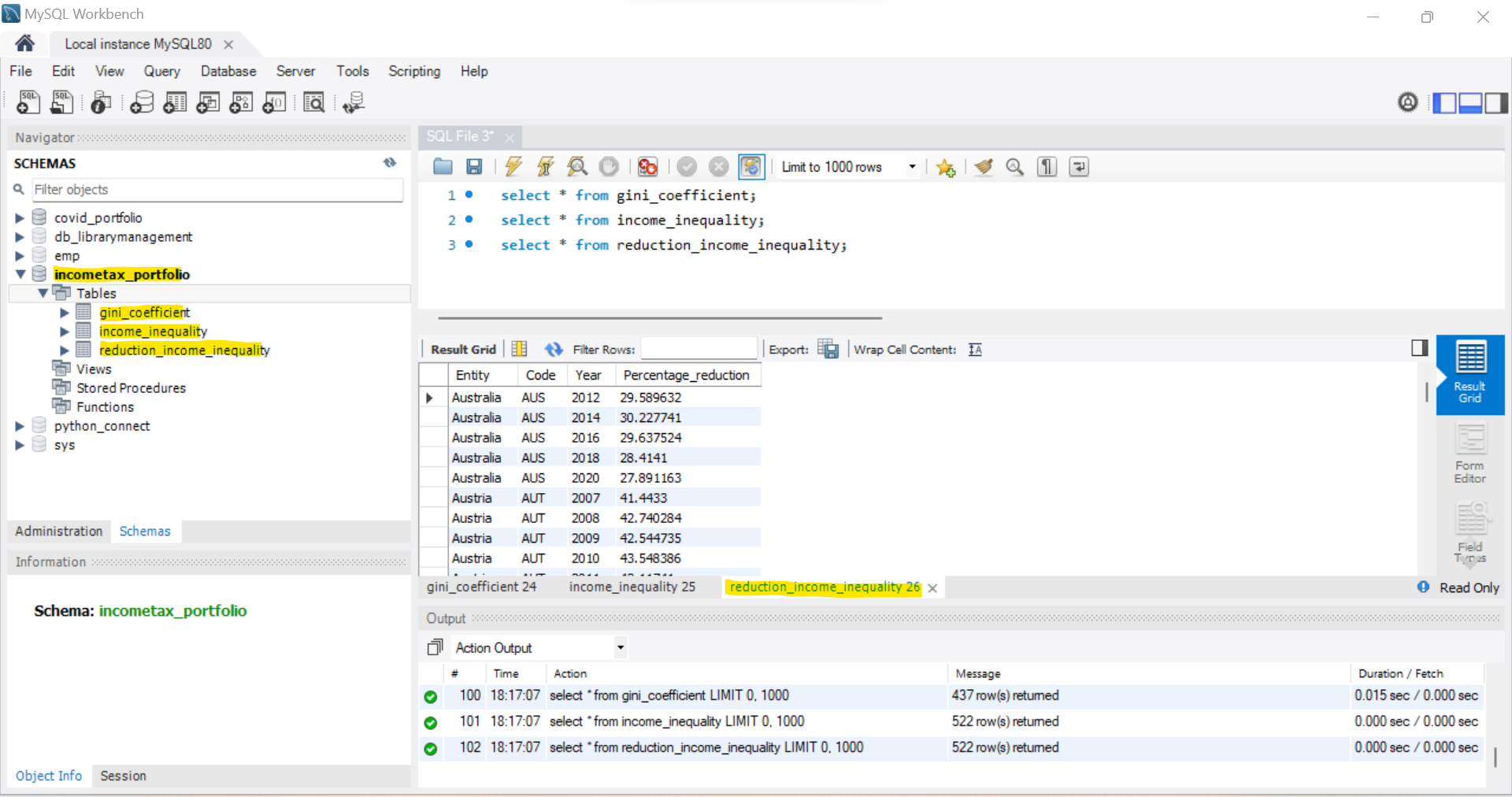
Gini\_coefficient table contains data of equalized market income and house hold income.



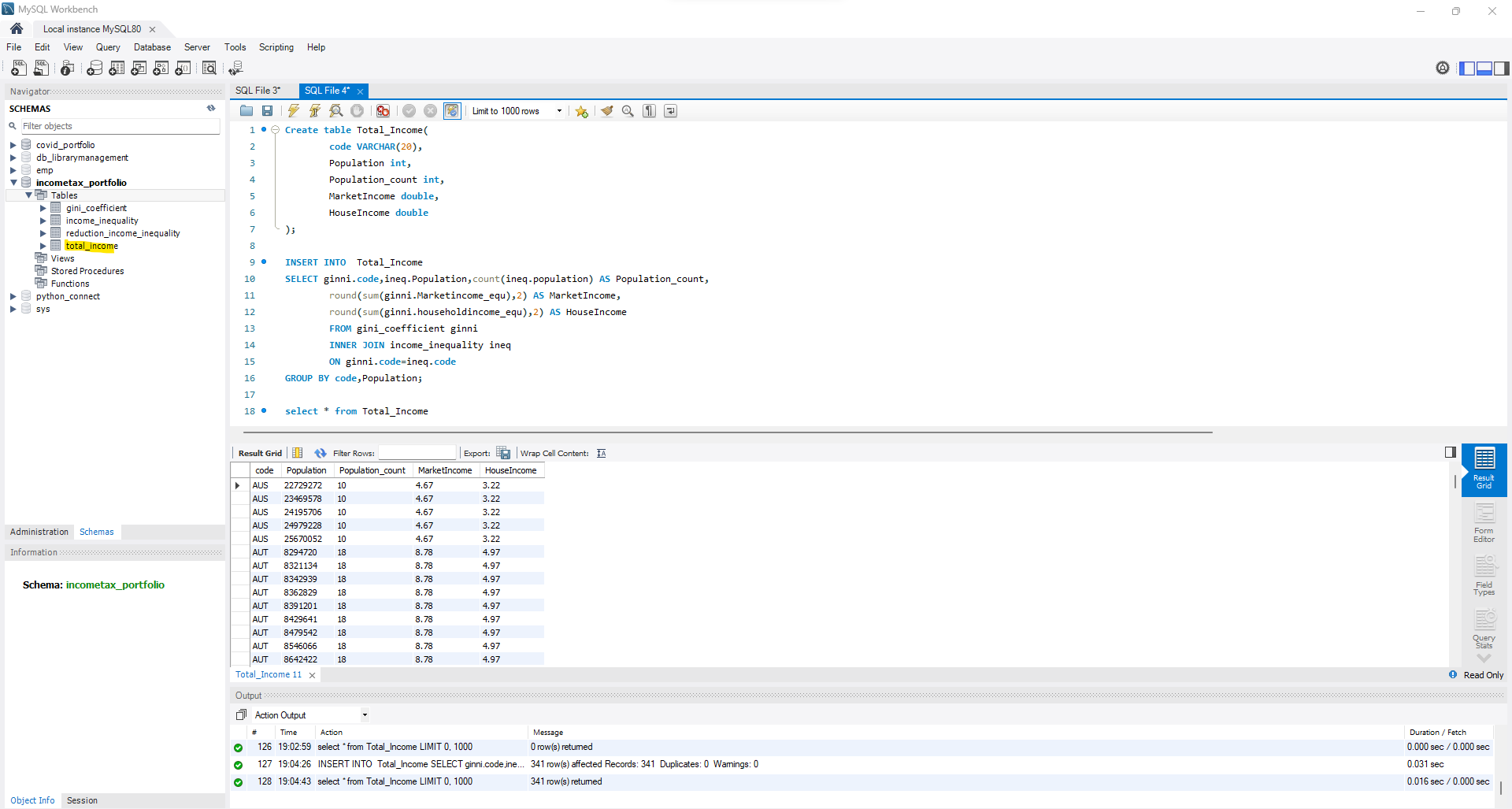
Income\_inequality table contains data income remaining after deduction of tax(disposableincome),population in different country with respect to year.



Reduction\_income\_inequality table contains percentage reduction in Gini coefficient before and after tax



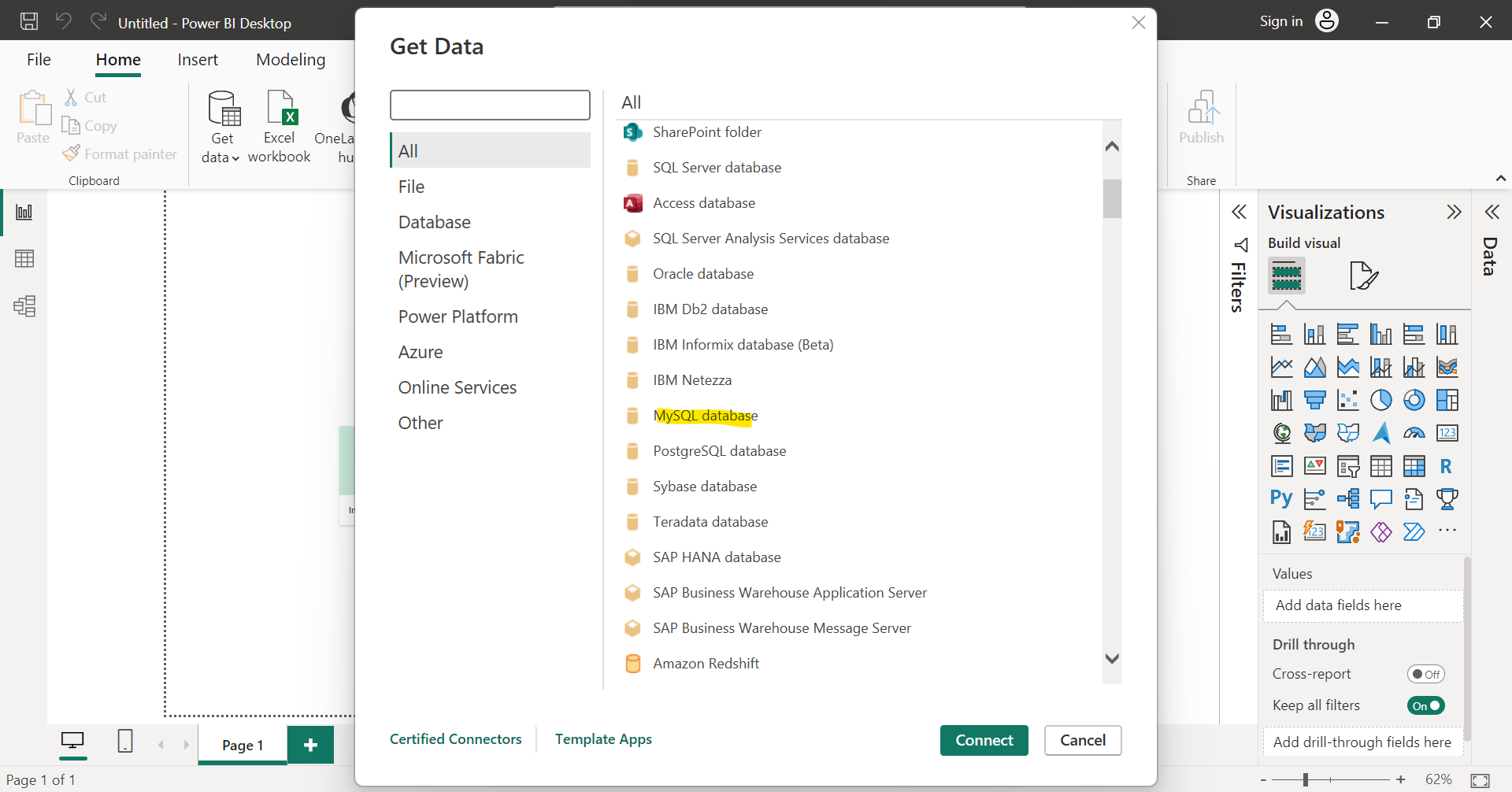
Created a new table Total\_Income with Population from tables gini\_coefficient, income\_inequality in order to have total amount in household and market income



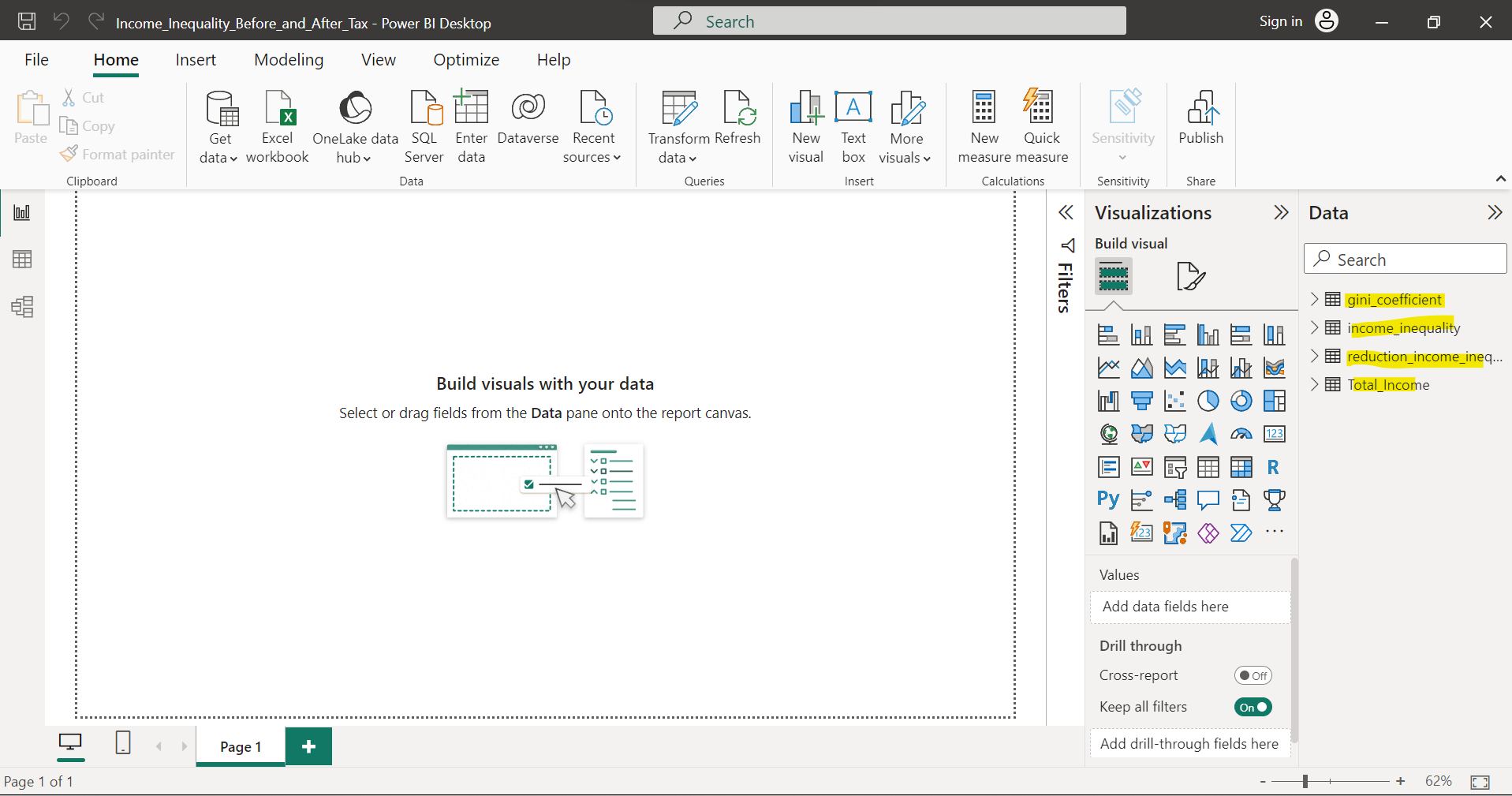
**POWER BI**

Now we have 4 tables to create dashboard in POWER BI

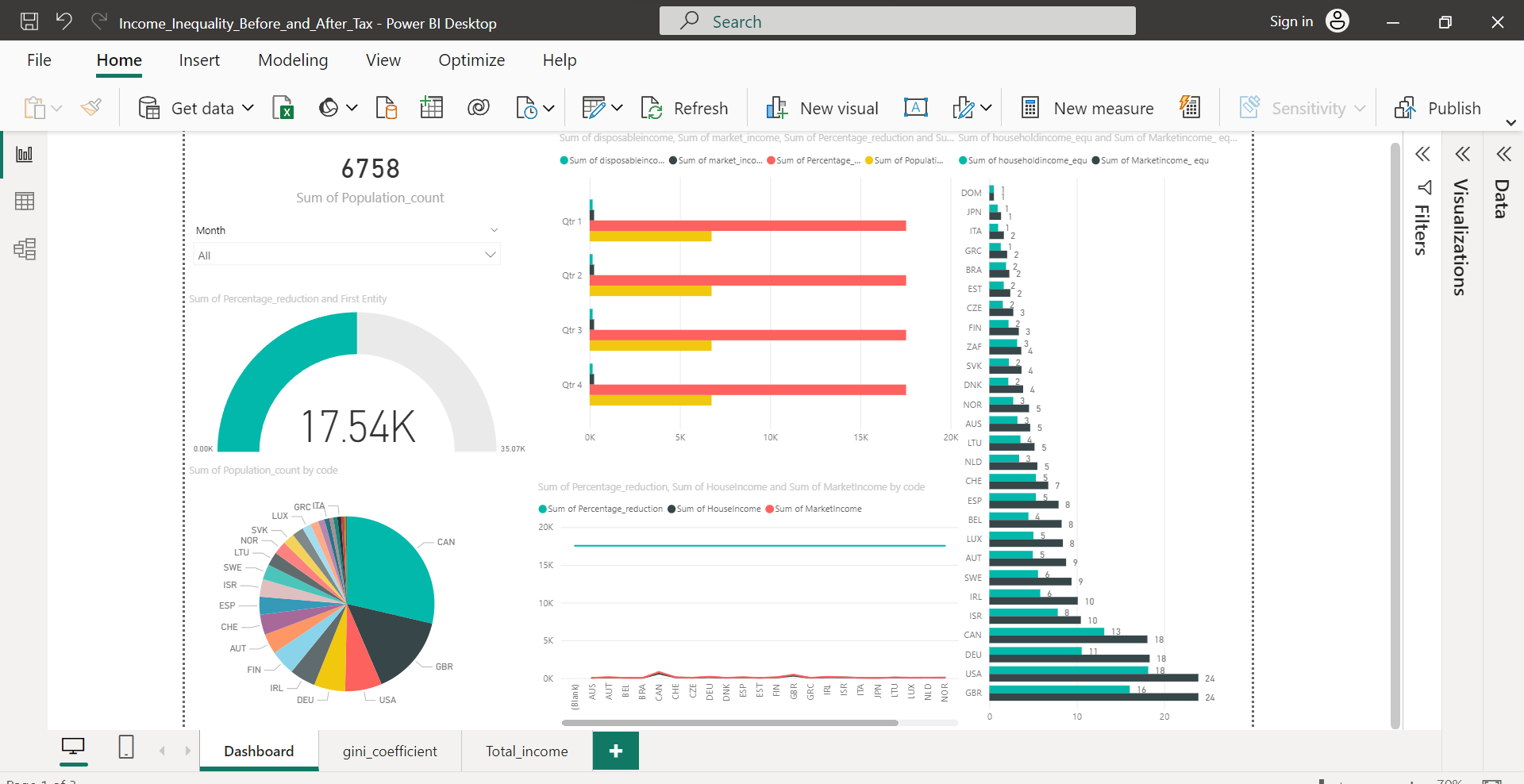
Importing tables from My SQL to Power BI. Transform and load data in power BI by making necessary changes in power query editor



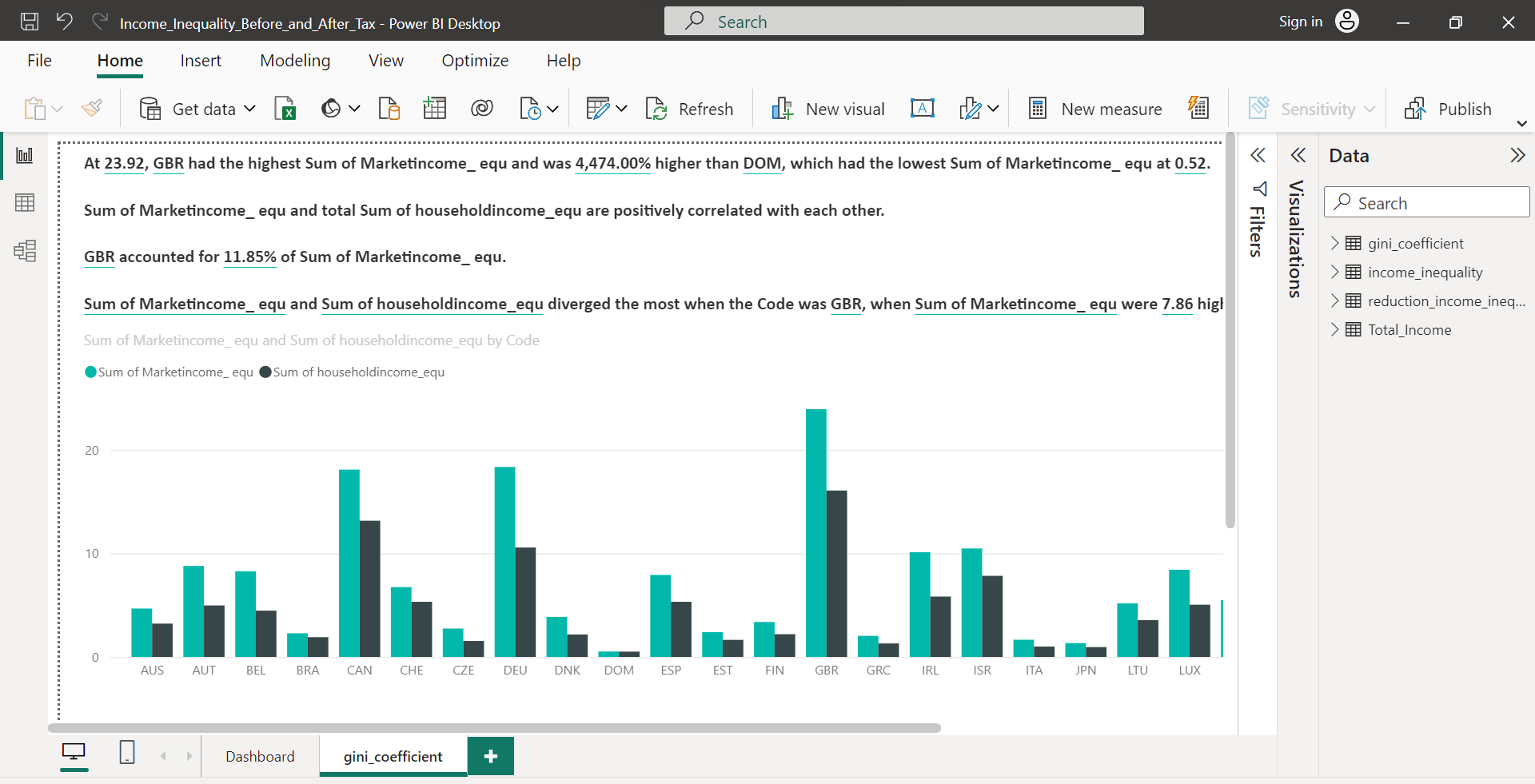
Tables imported in Power BI



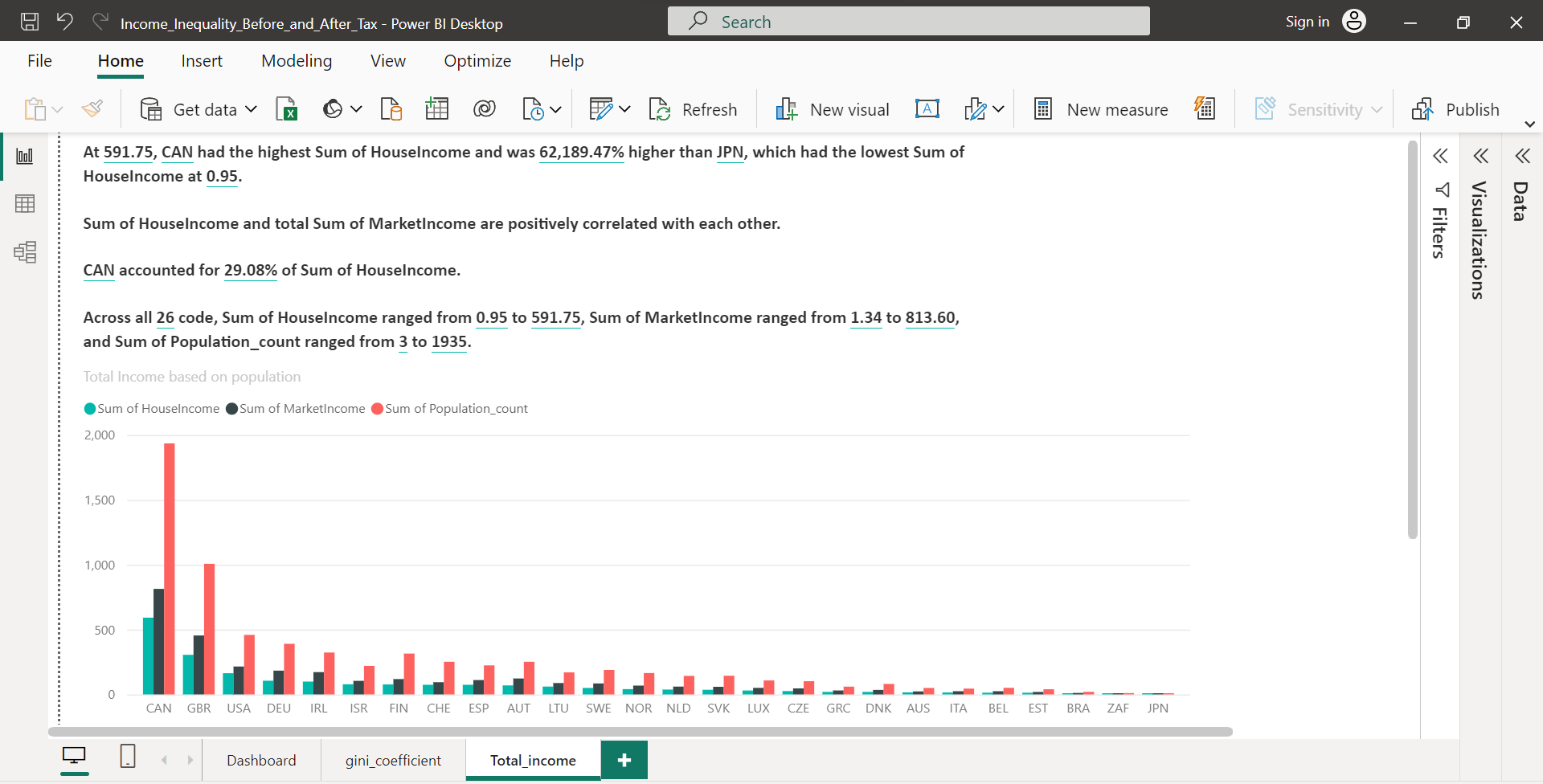
Interactive dashboard



Gini coefficient analysis



Total income analysis



Power BI attachment

