

# **Testing Power BI features to create interactive reports**

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The following datasets are analyzed:

*Bank Customers Dataset*

*Restaurant Customers Dataset*

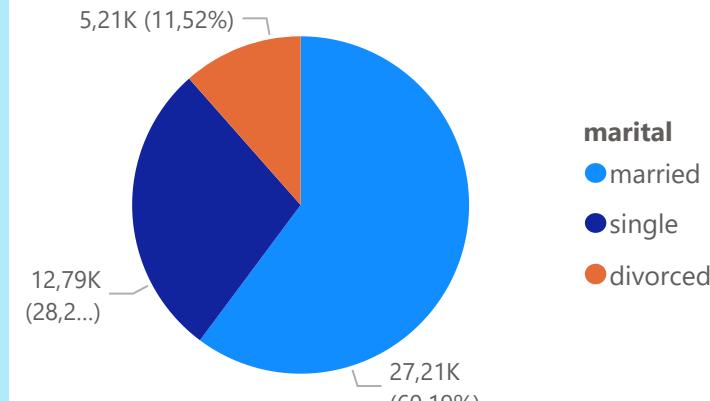
*Online Retail Dataset*

There are two pages dedicated to each dataset

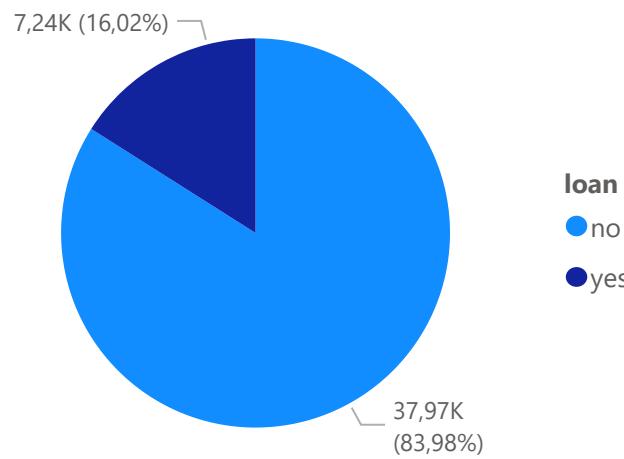
# Bank Customers

## Exploratory Data Analysis

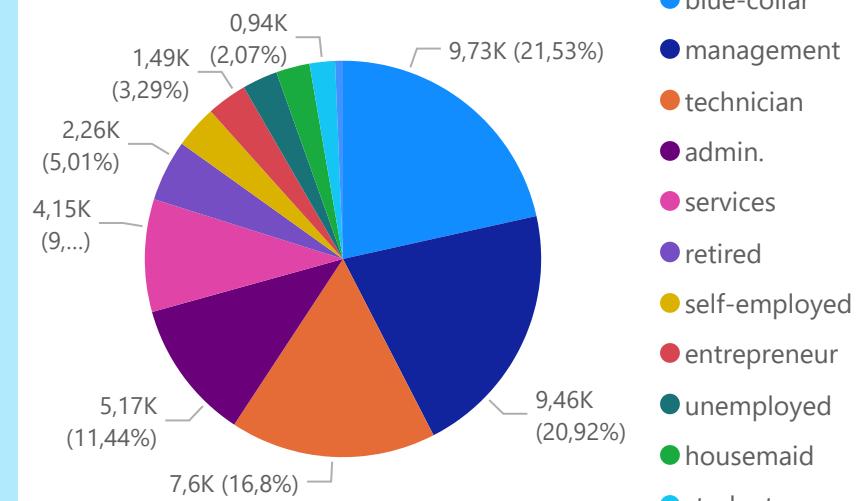
Count of marital by marital



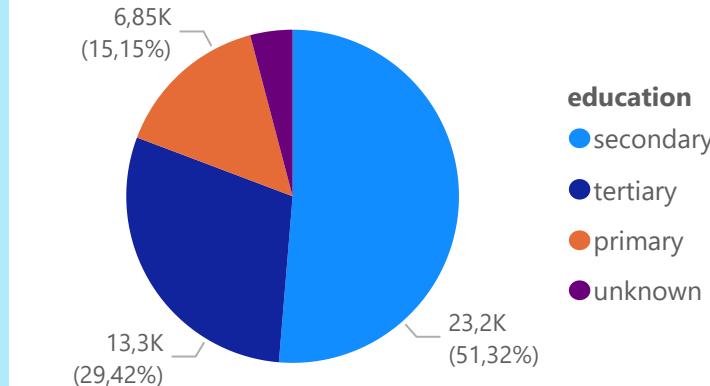
Count of loan by loan



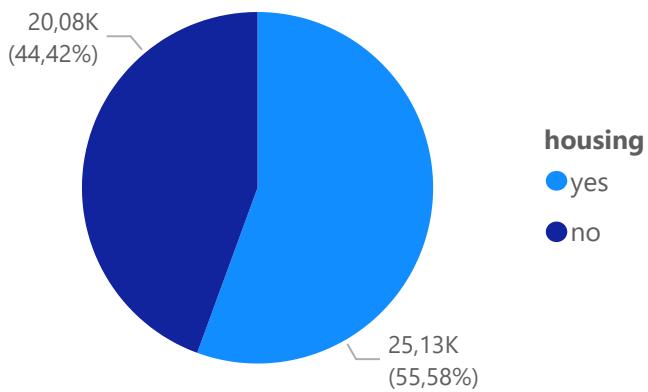
Count of job by job



Count of education by education



Count of housing by housing



age

18 95

balance

-8019 102127

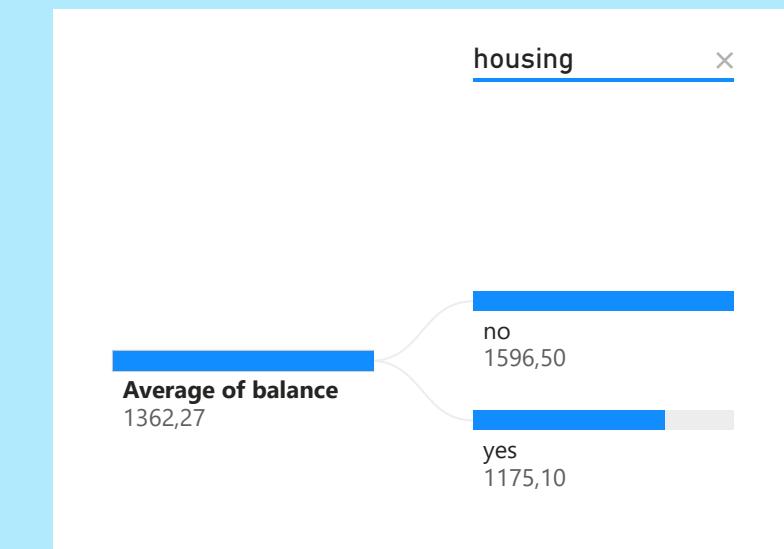
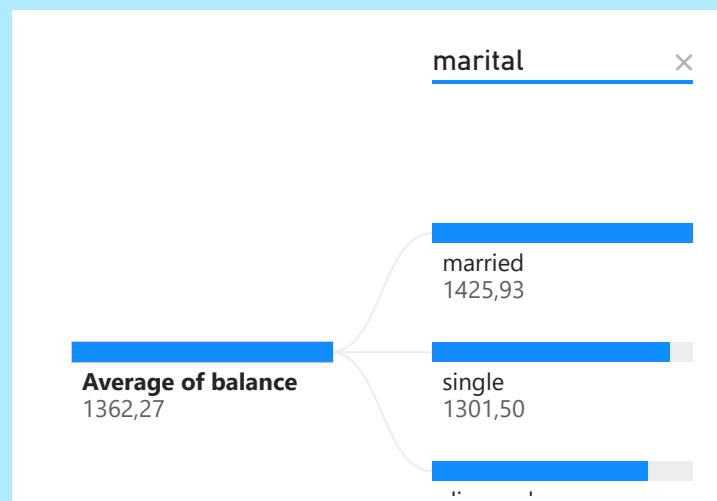
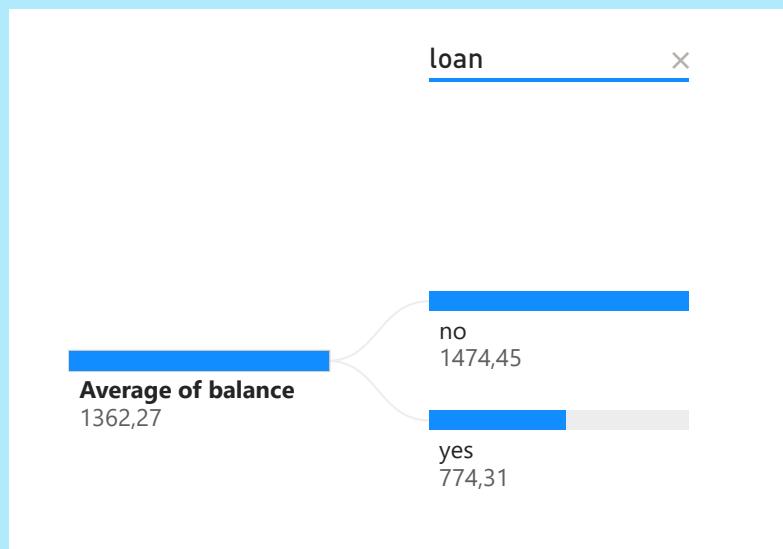
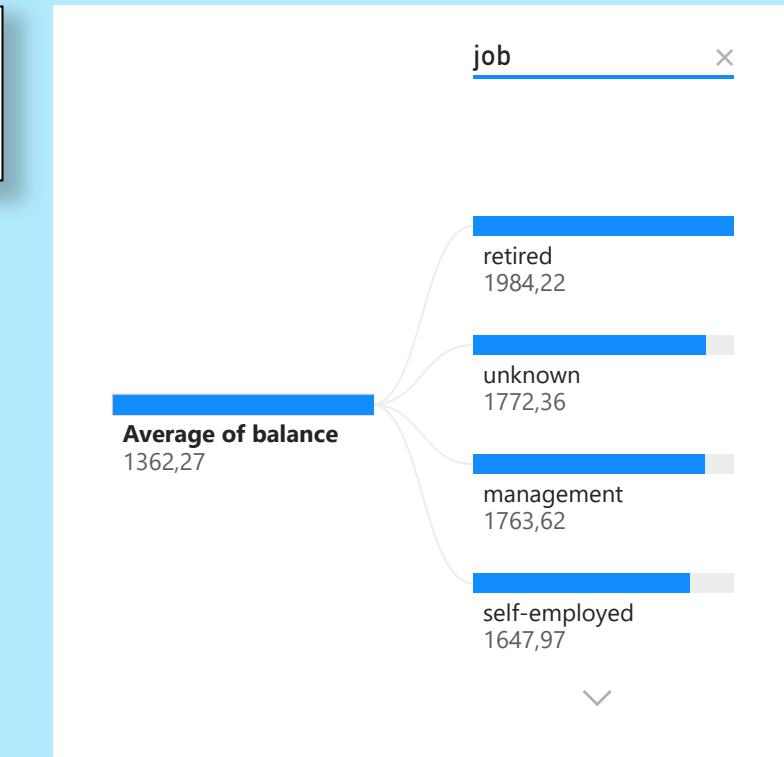
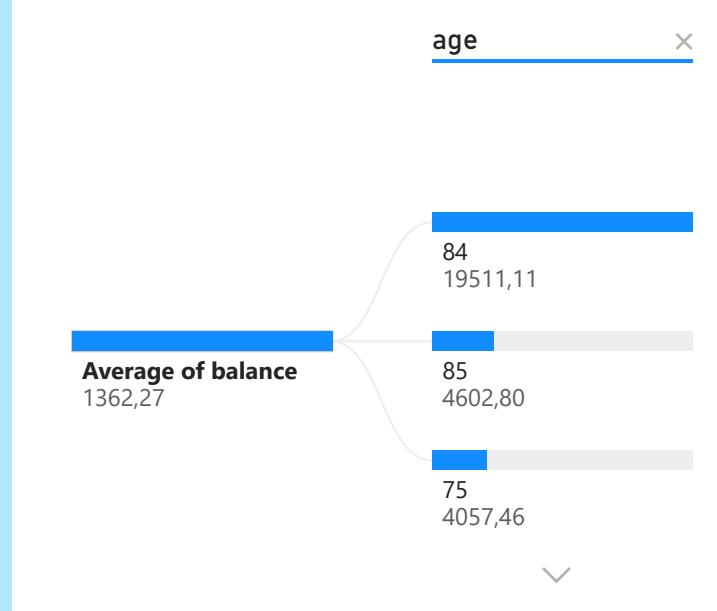
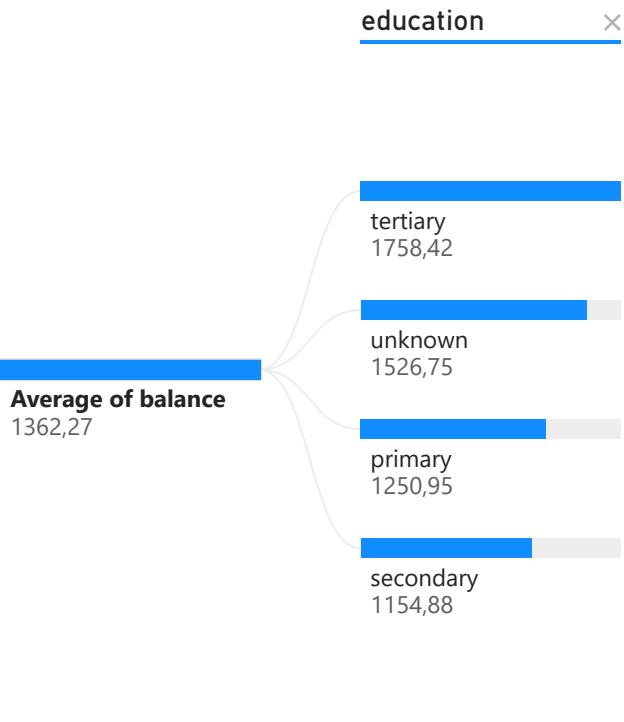
45211

Count of balance

61589682

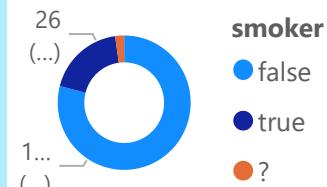
Sum of balance

## *Bank Customers:* *Decomposition of average balance*

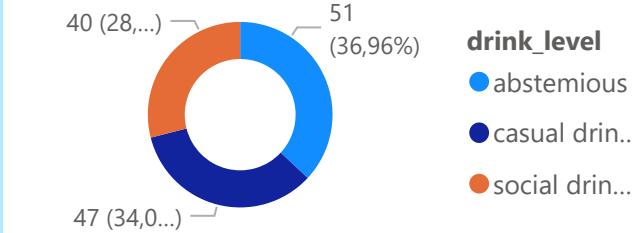


# Restaurant Customers: Exploratory Data Analysis

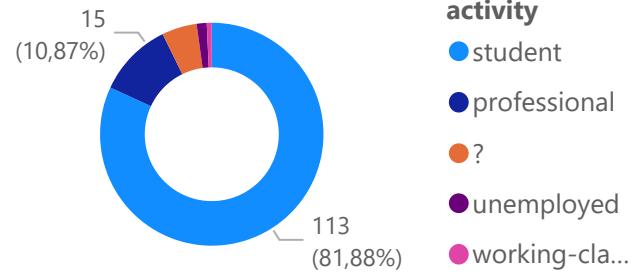
Count of smoker by smoker



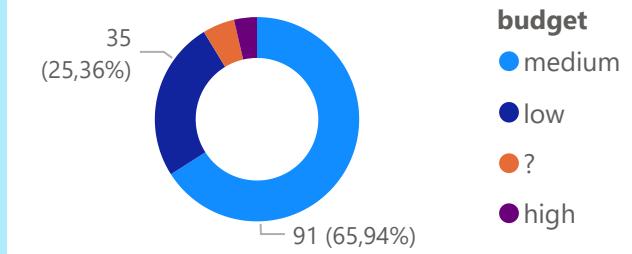
Count of drink\_level by drink\_level



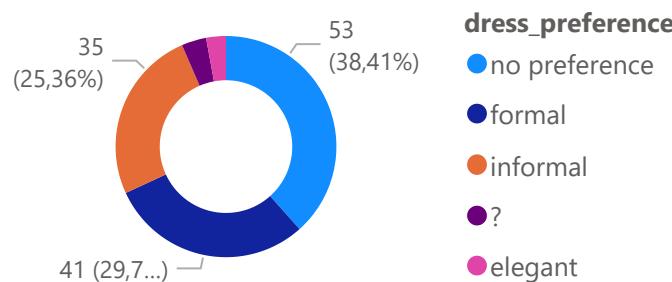
Count of activity by activity



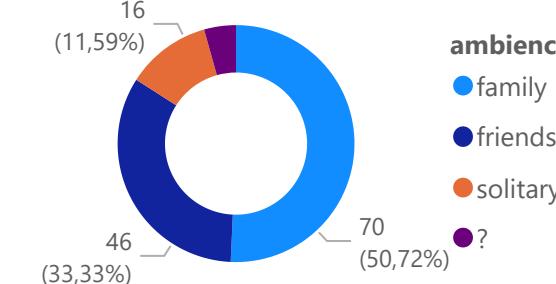
Count of budget by budget



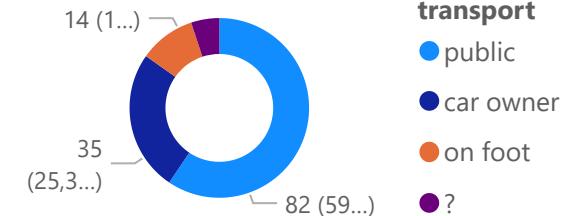
Count of dress\_preference by dress\_preference



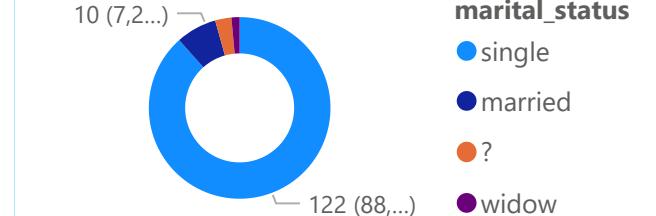
Count of ambience by ambience



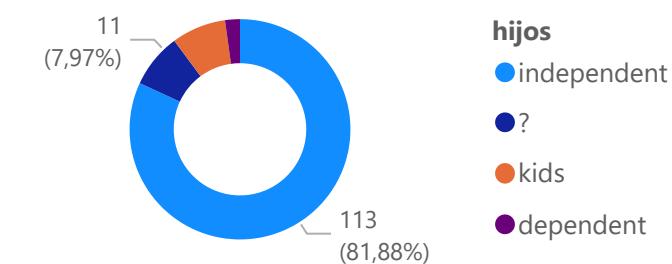
Count of transport by transport



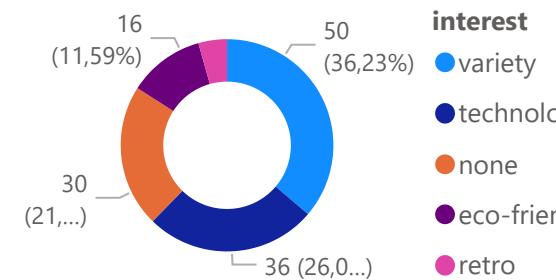
Count of marital\_status by marital\_status



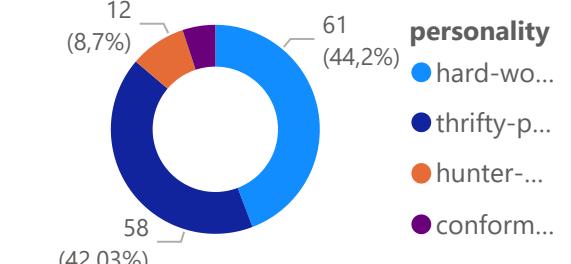
Count of hijos by hijos



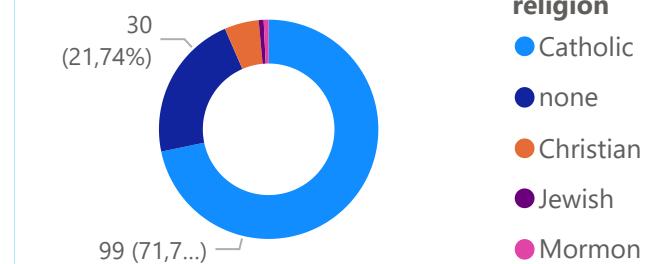
Count of interest by interest



Count of personality by personality



Count of religion by religion



# **Restaurant Customers Dataset**

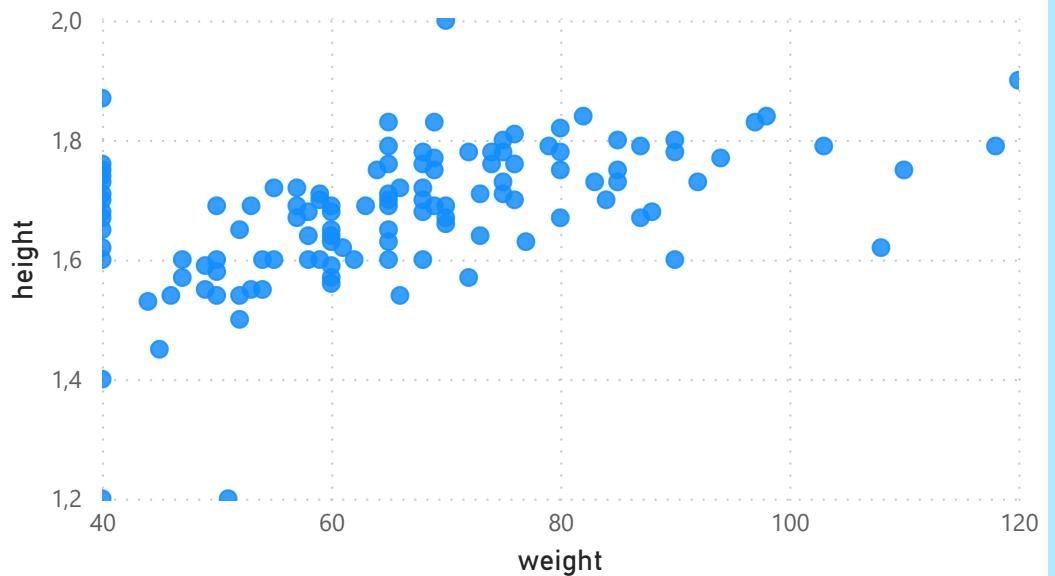
**138**

Count of userID

latitude and longitude



weight and height



activity

- ?
- professional
- student
- unemployed
- working-class

smoker

- ?
- false
- true

marital\_status

- ?
- married
- single
- widow

transport

- ?
- car owner
- on foot
- public

personality

- conformist
- hard-worker
- hunter-ostentatio...
- thrifty-protector

ambience

- ?
- family
- friends
- solitary

religion

- Catholic
- Christian
- Jewish
- Mormon
- none

budget

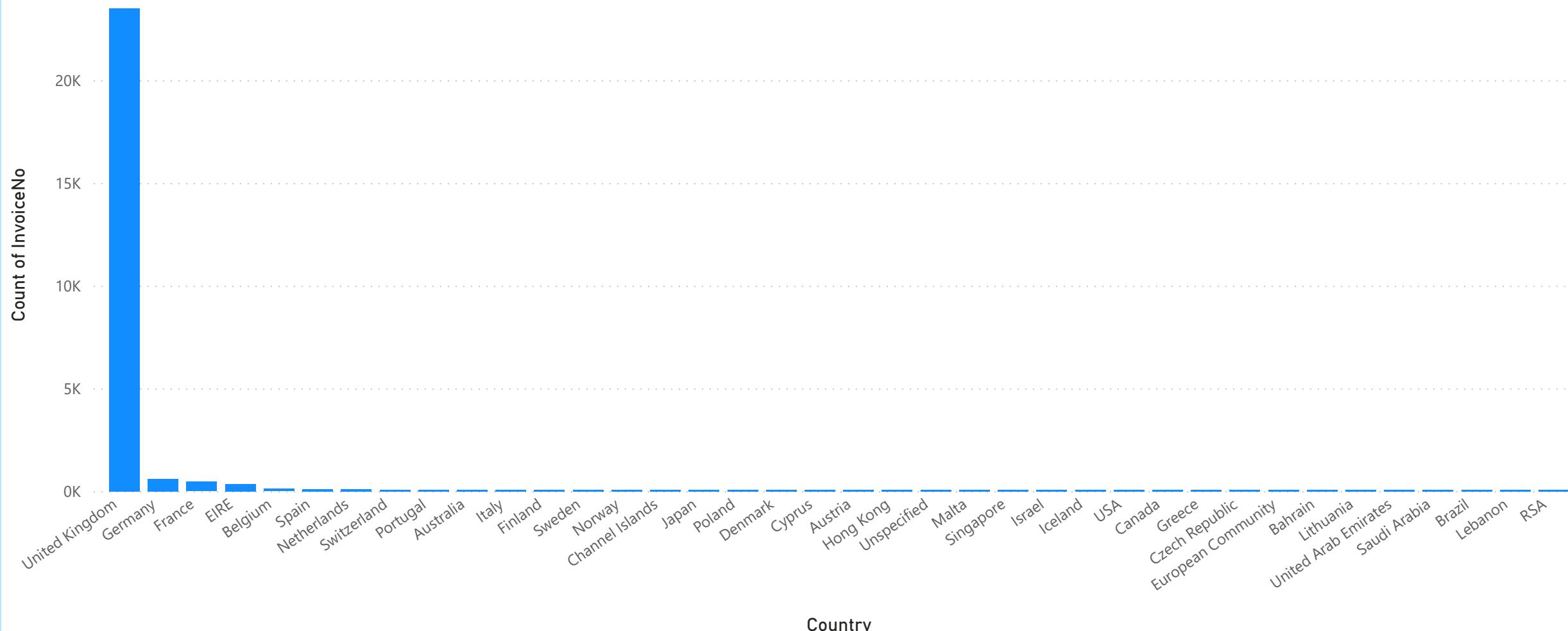
- ?
- high
- low
- medium

# Online Retail Dataset

InvoiceDate

01/12/2010 09/12/2011

Count of InvoiceNo and Sum of Quantity by Country



# Online Retail Dataset

InvoiceDate

01/12/2010

09/12/2011

Sum of Quantity and Count of InvoiceNo by Country

