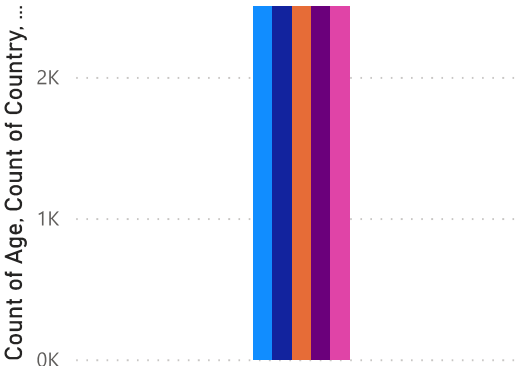# Basic Statistical Analysis
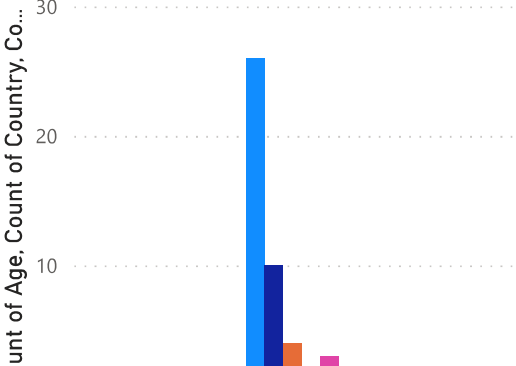
Count of Age, Count of Country, Count of Device, Count of Gender and Count of Subscription Type

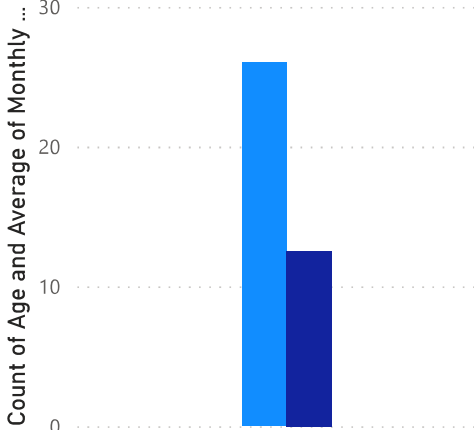● Count of Age ● Count of Co... ● Count of ... ▶

Count of Age, Count of Country, Count of Device, Count of Gender and Count of Subscription Type
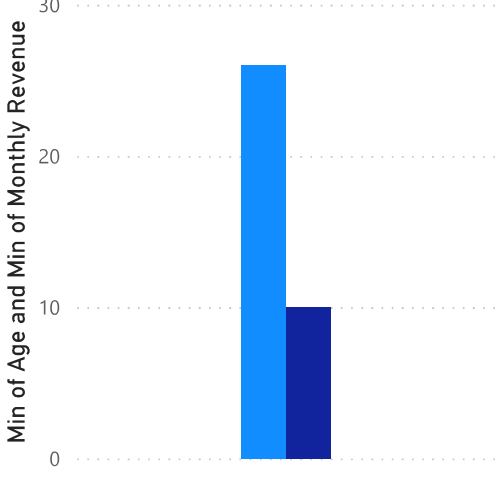
● Count of Age ● Count of ... ● Count of ... ▶

Count of Age and Average of Monthly Revenue

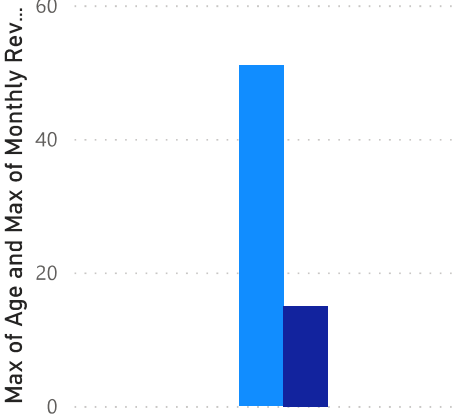● Count of Age ● Average of Monthly Revenue

Min of Age and Min of Monthly Revenue

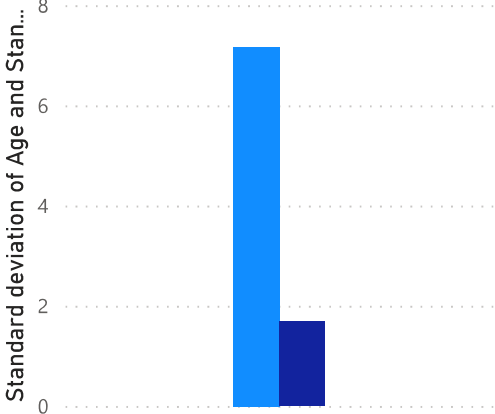● Min of Age ● Min of Monthly Revenue

Max of Age and Max of Monthly Revenue

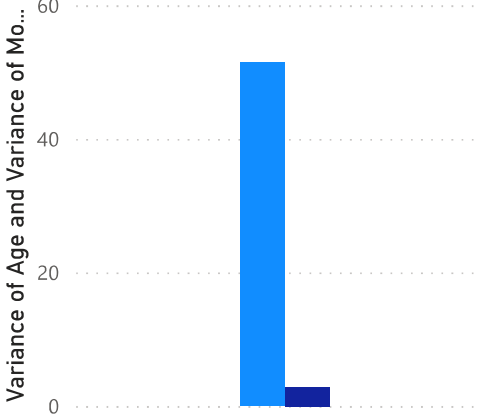● Max of Age ● Max of Monthly Revenue

Standard deviation of Age and Standard deviation of Monthly Revenue

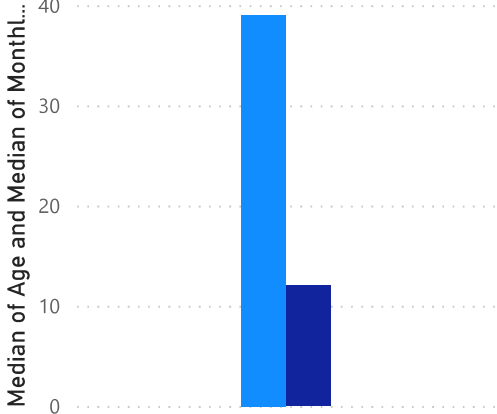● Standard deviation of ... ● Standard deviati...

Variance of Age and Variance of Monthly Revenue

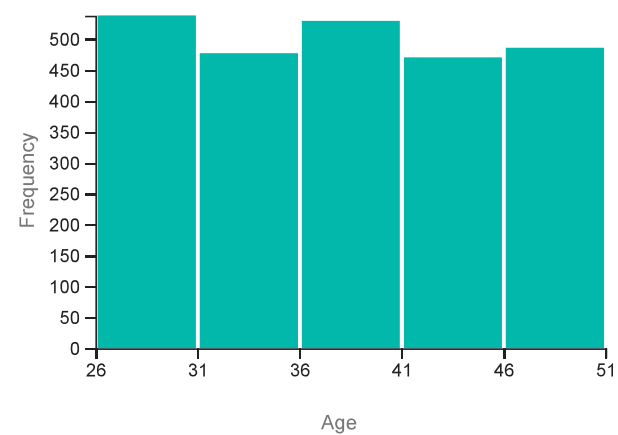● Variance of Age ● Variance of Monthly Reve...

Median of Age and Median of Monthly Revenue

● Median of Age ● Median of Monthly Revenue

Fields Analysis

Number of Customers by Age

Number of Customers by Country

Number of Customers by Device

636 (25.44%)
610 (24.4%)
621 (24.84%)
633 (25.32%)
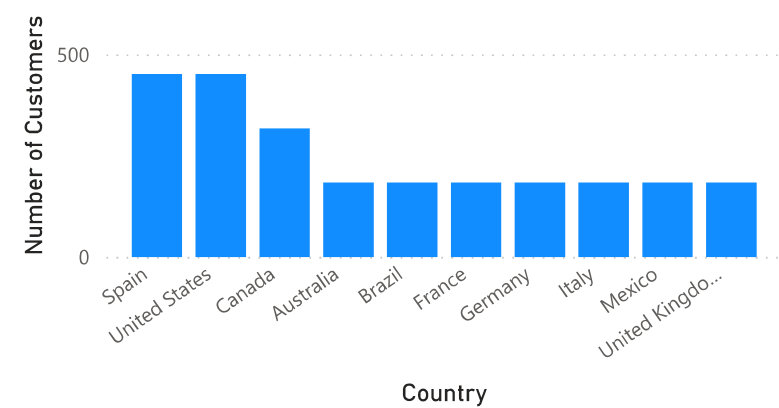
Device
- Laptop
- Tablet
- Smartphone
- Smart TV
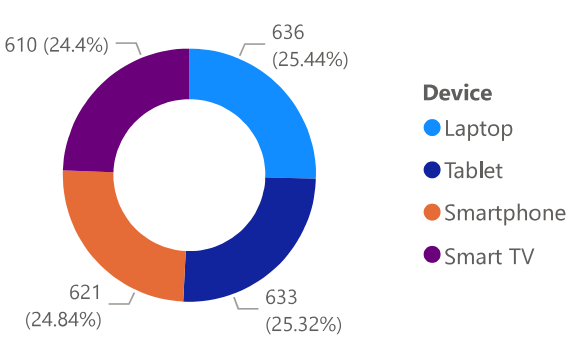
Number of Customers by Gender

1.24K (49.72%)
1.26K (50.28%)

Gender
- Female
- Male
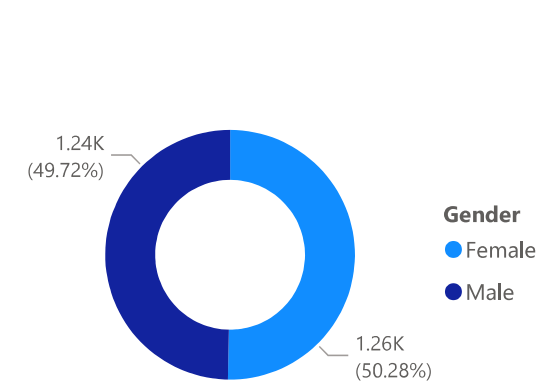
Number of Customers by Monthly Revenue
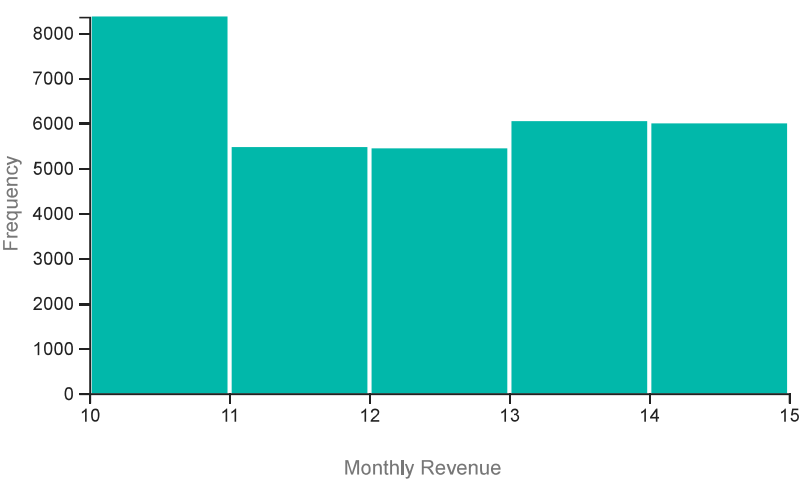
Count of Subscription Type by Subscription Type

999 (39.96%)
733 (29.32%)
768 (30.72%)

Subscription T...
- Basic
- Standard
- Premium
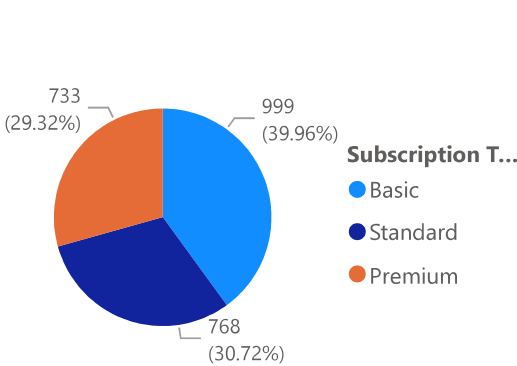
Country Analysis

Count of Country by Country

	Country
451 (18.04%)	● Spain
451 (18.0...)	● United States
317 (12.68%)	● Canada
183 (7.32%)	● Australia
183 (7....)	● Brazil
183 (7.32%)	● France
183 (7.3...)	● Germany
183 (7.32%)	● Italy
183 (7.3...)	● Mexico
	● United Kingd...
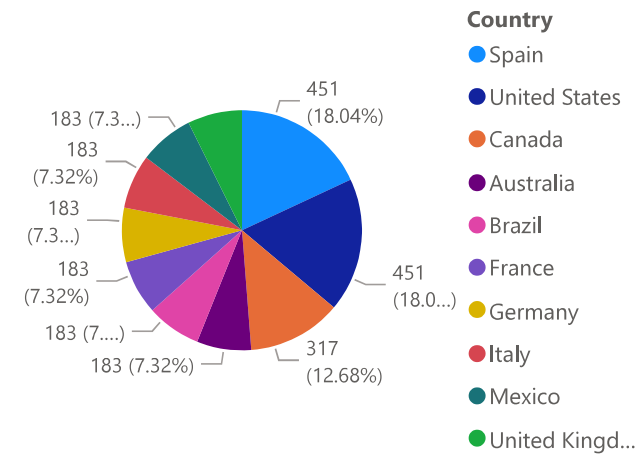
Number of Customers by Country and Country

Country ● Spain ● United States ● Canada ● Australia ● Brazil ● France ● Germany ● Italy ● Mexico ● United Kingdom

Microsoft Bing

© 2024 Microsoft Corporation
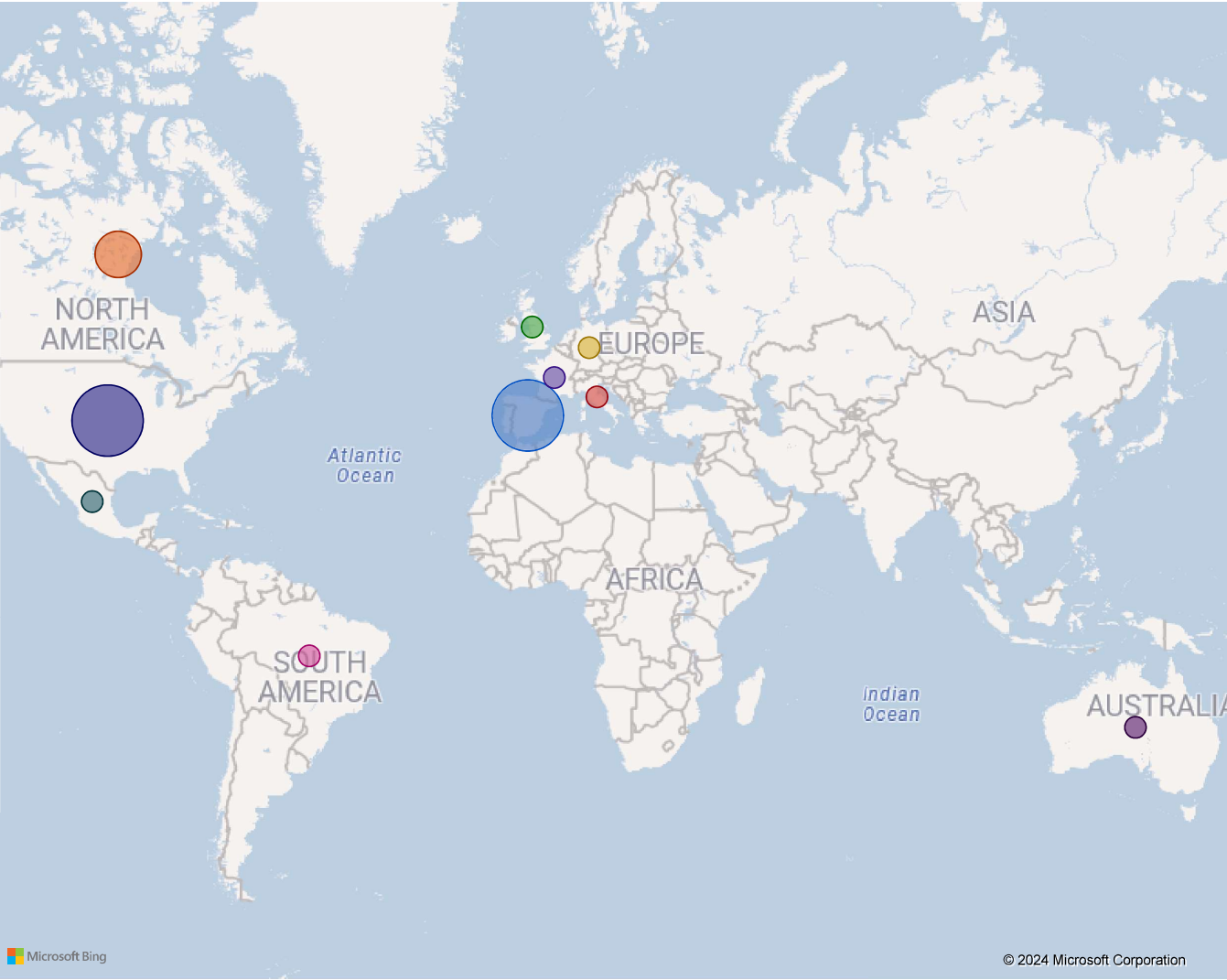
Devices by Country

customer by Device and Country

Device ●Laptop ●Smart TV ●Smartphone ●Tablet
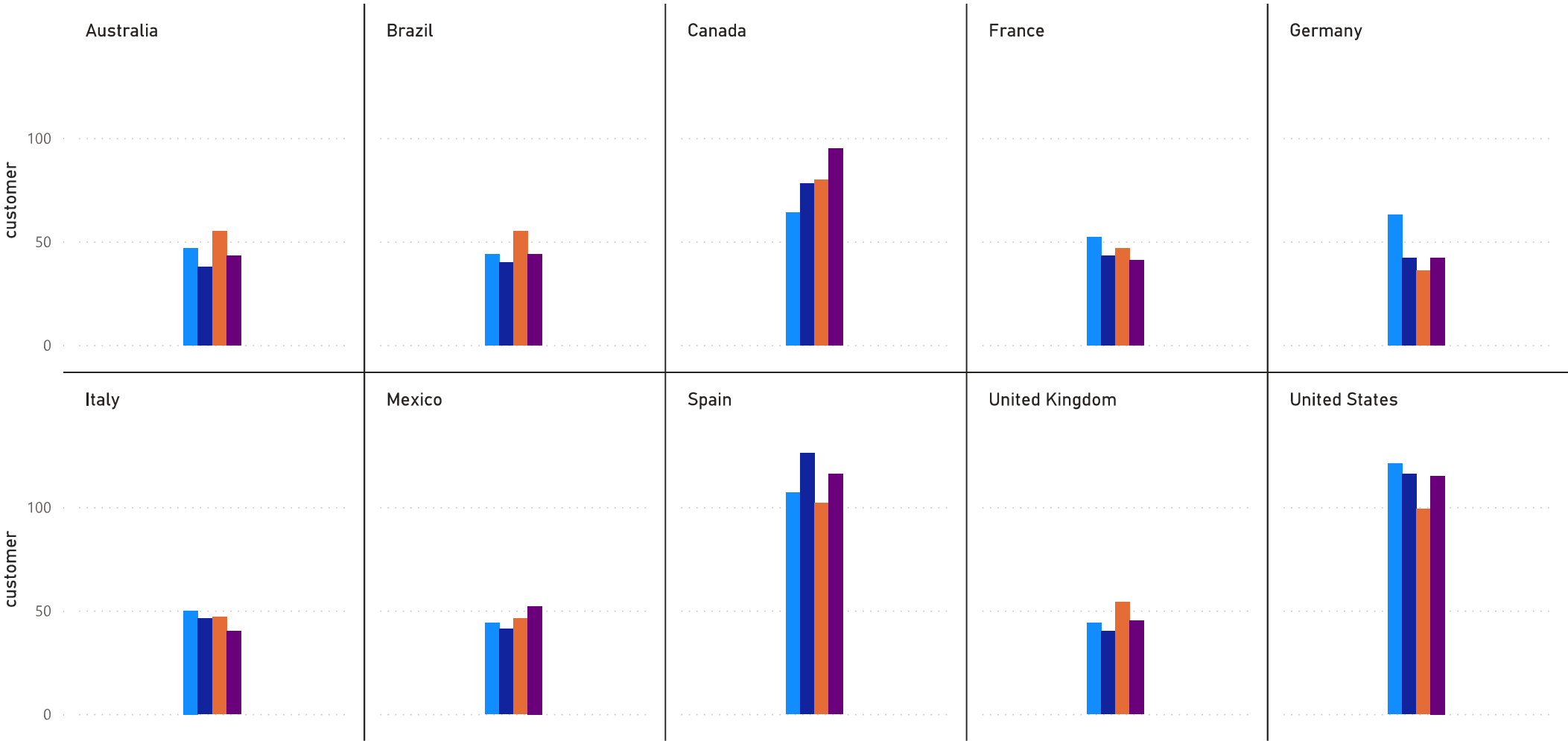
Gender by Country

customer by Gender and Country

Gender ● Female ● Male
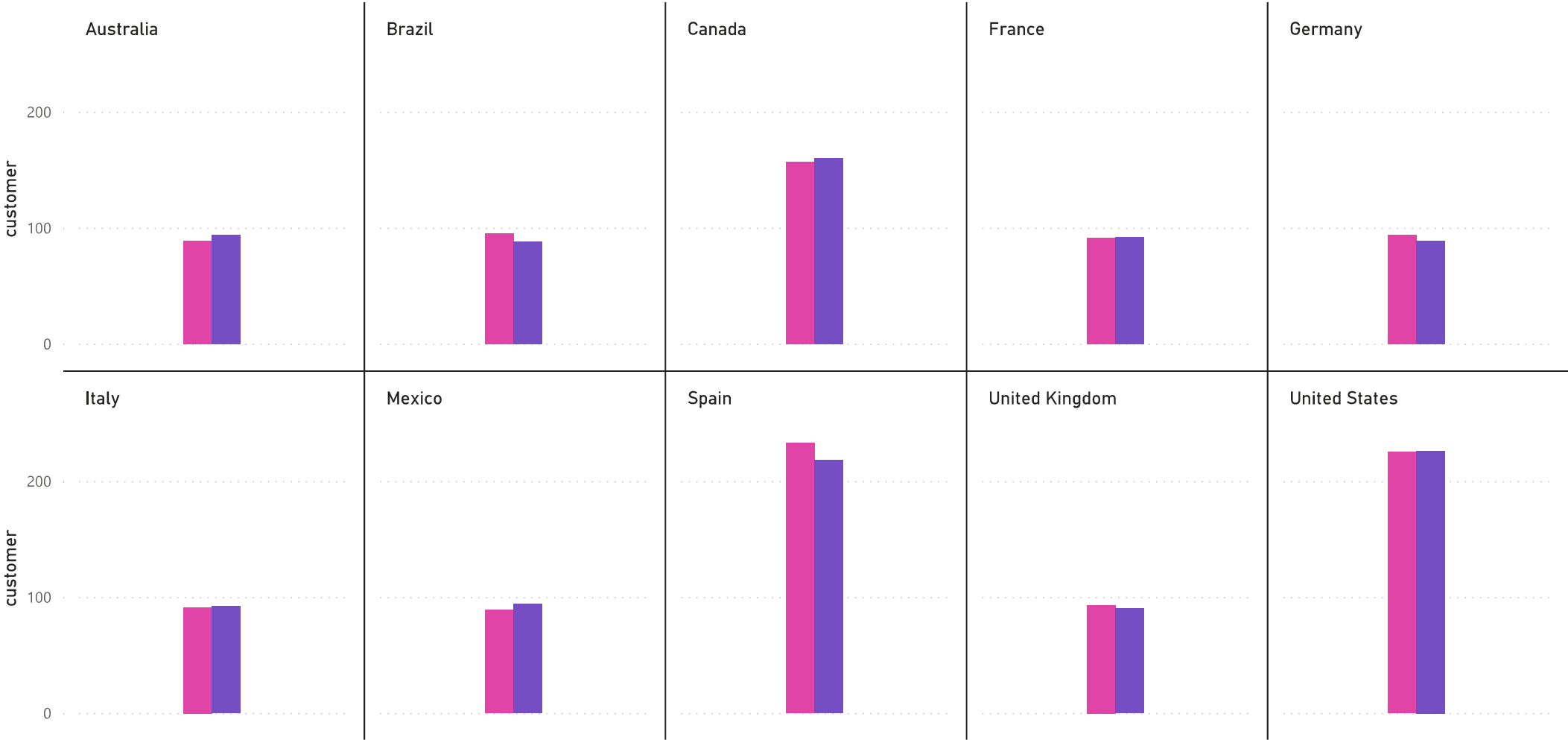
Subscription Type by Country

customer by Subscription Type and Country

Subscription Type ● Basic ● Premium ● Standard

Gender Analysis

customer by Subscription Type and Gender

Subscription Type ● Basic ● Premium ● Standard

Female

Male

customer

600

400

200

0

customer by Device and Gender

Device ● Laptop ● Smart TV ● Smartphone ● Tablet

Female

Male

customer

300

200

100

0

NETFLIX

NETFLIX USERBASE SUBSCRIPTION ANAYLYSIS

Gender
All

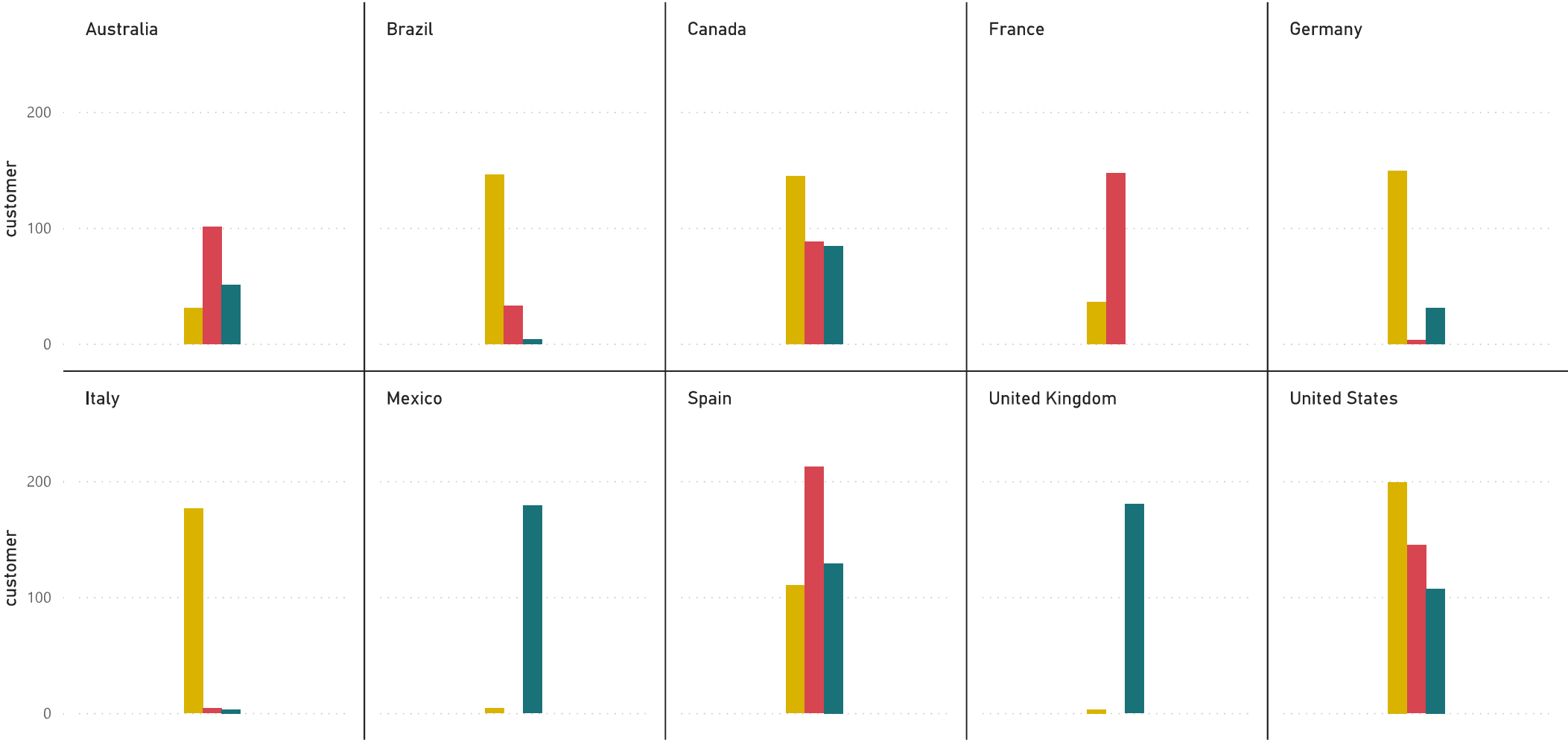**Device**
All

Subscription Type
All

Country
Search

- ☐ **Australia**
- ☐ **Brazil**
- ☐ **Canada**
- ☐ **France**
- ☐ **Germany**
- ☐ **Italy**
- ☐ **Mexico**
- ☐ **Spain**
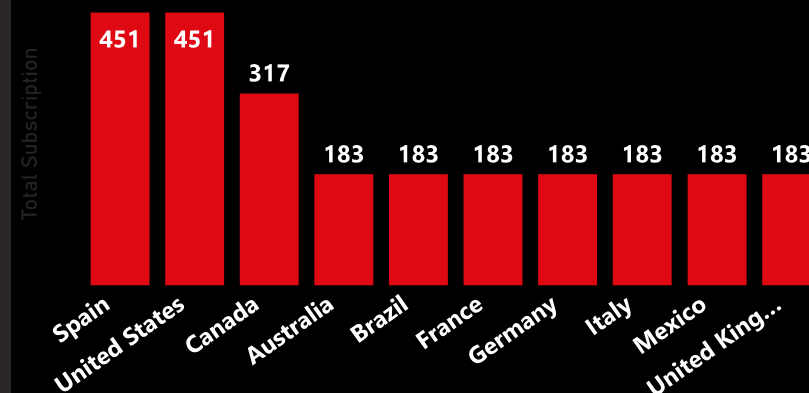- ☐ **United Kingdom**
- ☐ **United States**

Total Revenue
31K

Total Subscription
2500

Total Subscription by Country

451 — Spain
451 — United States
317 — Canada
183 — Australia
183 — Brazil
183 — France
183 — Germany
183 — Italy
183 — Mexico
183 — United King...

Total Subscription by Gender

● Female ● Male

1.24K — 1.26K

Total Subscription by Age

306, 1, 323, 286, 333, 282, 299, 93
20 · 30 · 40 · 50
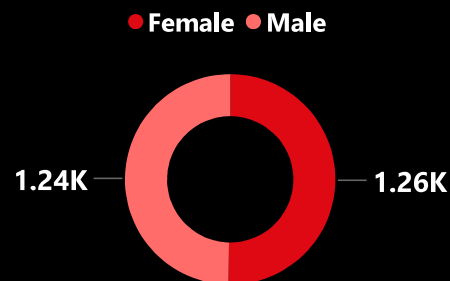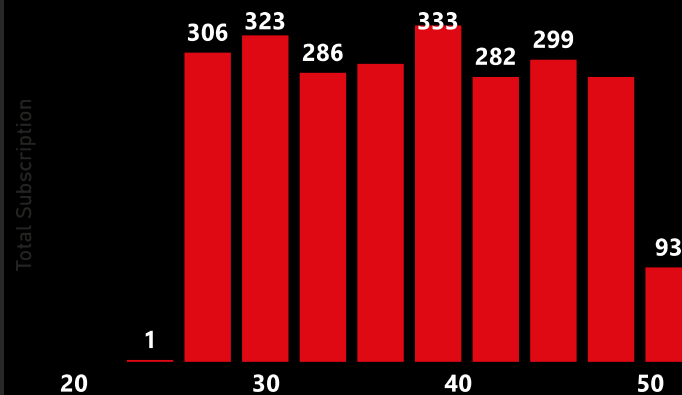
Total Subscription by Device

610 (24.4%)
636 (25.44%)
621 (24.84%)
633 (25.32%)

Device
- ● Laptop
- ● Tablet
- ● Smartphone
- ● Smart TV
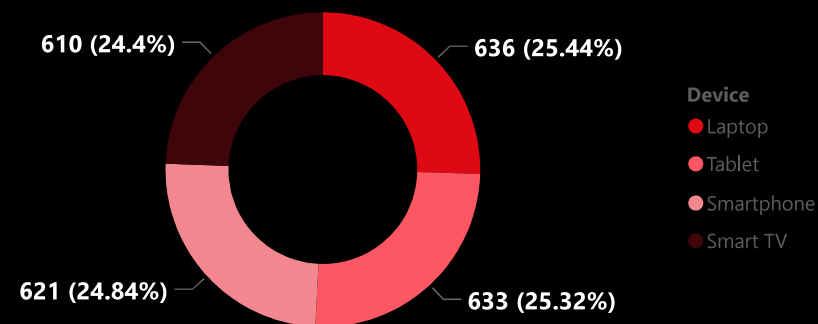
In this tutorial, we will perform Exploratory Data Analysis (EDA) on the Netflix userbase dataset. EDA is a technique used to summarize and anaysis data sets using visualizations.

The dataset contains various fields, including user ID, subscription type, monthly revenue, joining date, last payment date, country, age, gender, device, and plan duration.

To get started, we'll import the data from a CSV file using the "get data" feature in Power BI. Once loaded, all fields will be available for visualization.

We will begin our analysis by creating various visualizations:

1. A column chart displaying the count and distinct count of records for all main fields.
2. A chart showing the average, minimum, maximum, standard deviation, variance, and median of numeric fields.
3. A histogram displaying the distribution of customer ages.
4. A column chart displaying the number of customers by country.
5. A pie chart showing the number of customers by device and gender.
6. A histogram analyzing the number of days since joining and last payment.
7. A histogram analyzing monthly revenue.
8. A text visual for plan duration