




ONLINE RETAIL SALES ANALYSIS

DATA ANALYST

The top-left corner features a series of thin, light blue diagonal lines. The top-right corner contains several overlapping semi-circles in shades of orange, blue, and teal.

EXECUTIVE SUMMARY

The data used in this analysis is data that contains transactions
from sales products from an online retail company based in the
UK

The bottom-left corner features overlapping semi-circles in shades of red, teal, and blue. The bottom-right corner contains a large, thin, light blue arc and a series of thin, light blue diagonal lines.

01 - ANALYSIS NEEDS

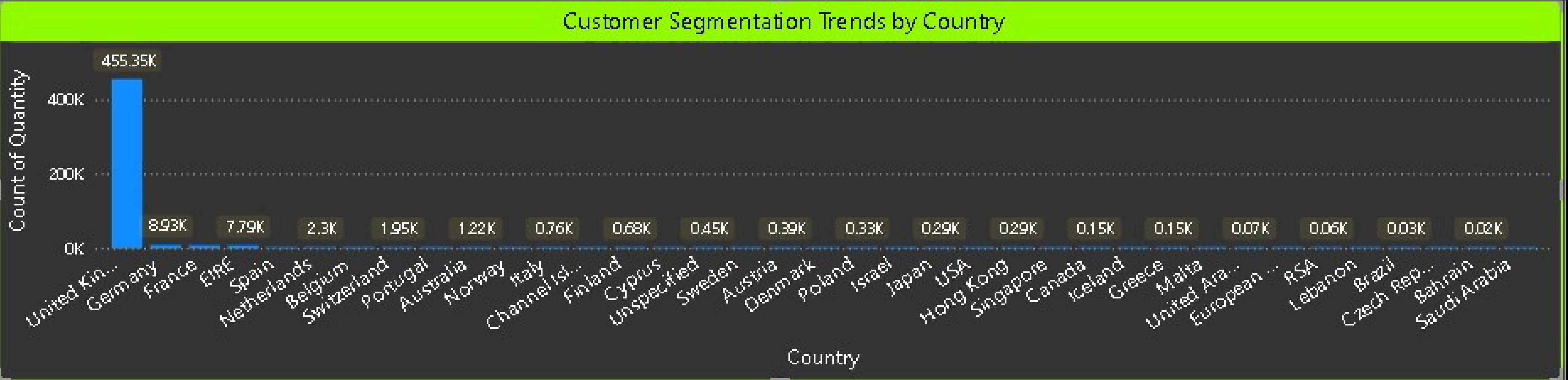


- Descriptive analysis to understand data distribution, outliers, and sales trends.
- Segment customers based on purchasing behavior.
- Analyze sales trends by time (weekly, monthly, yearly).
- Identify the best-selling products and the products with the lowest sales.

02 - VISUALIZATION

- Histograms and box plots for data distribution.
- Scatter plots for customer segmentation.
- Line charts for sales trends.
- Bar charts for best-selling products.

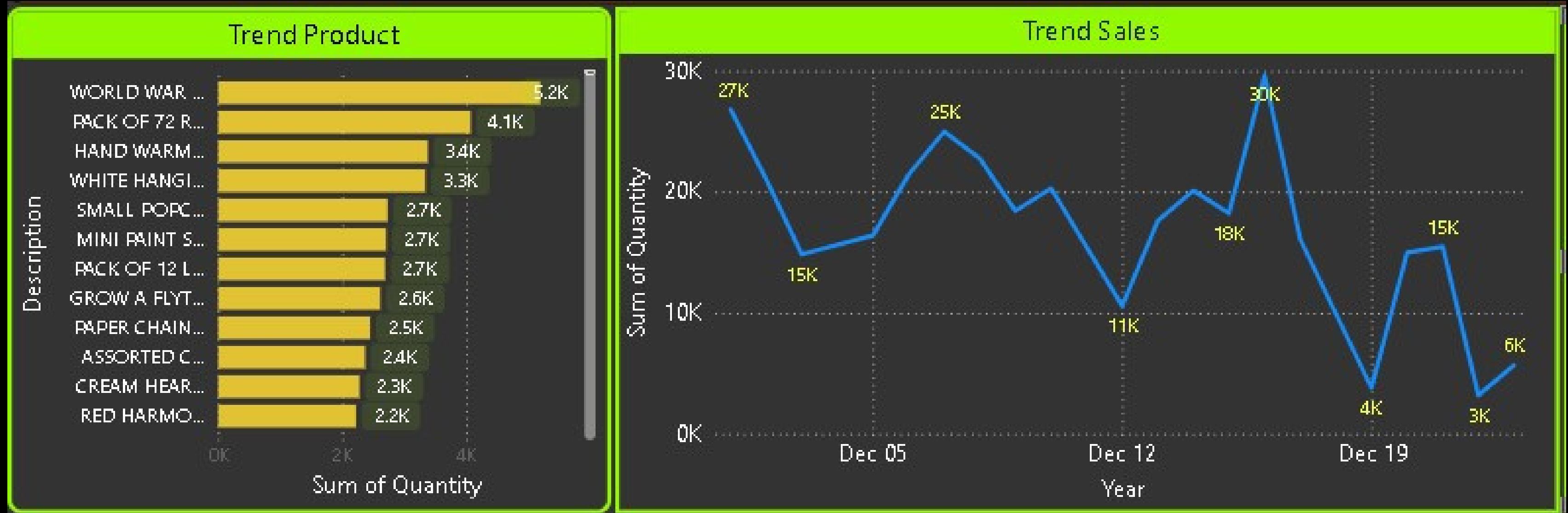
DESCRIPTIVE ANALYSIS TO UNDERSTAND THE DISTRIBUTION OF SALES TREND DATA



From the data output results related to the analysis of the description of data distribution, the sales trend is dominated by customers from the United Kingdom with a number of around 135,080 customers and the total quantity is 455.35k.

SALES TRENDS

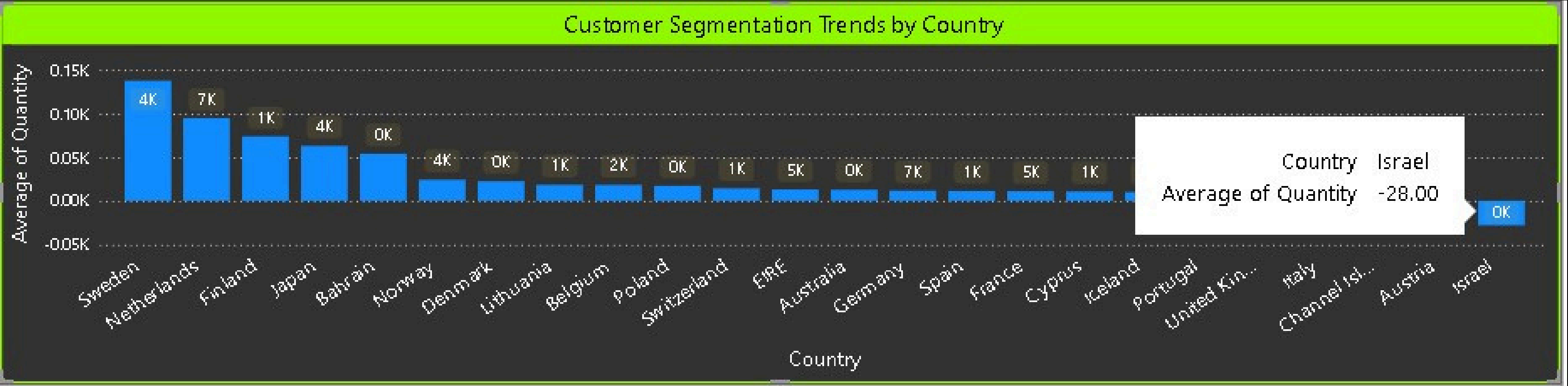
PER-QUARTER 4 2010



The results of the analysis of the above data are that for the best-selling and best-selling products during the 2010 period, namely the "World War..." with a total quantity of 5.2k while the chart from the trend of the line chart has decreased to 6k in December to be precise.

SALES TRENDS (AVG-SEGMENTATION)

PER-QUARTER 4 2010



The results of the analysis of the data above show that the trend of quantity by country has decreased or reached a negative number, with an average of -28.00 in Israel

SALES TRENDS

PERIODE 2011



SALES TRENDS

PER-QUARTER 1 2011

Trend Product



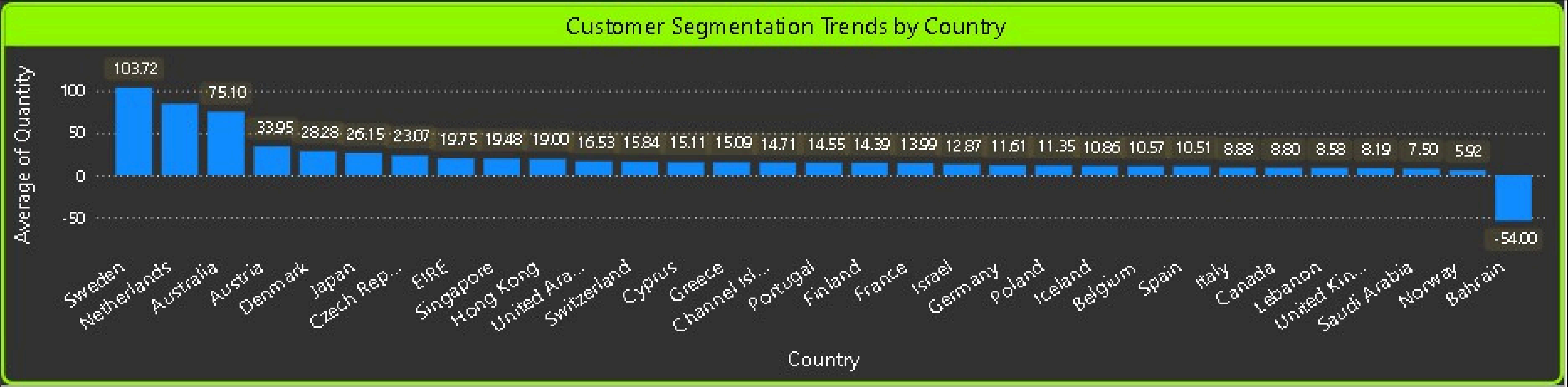
Trend Sales



The results of the analysis from the above data show that the sales trend in the period of Q1 2011 is precisely from January – March with uncertain results. The highest trend results were in March which reached 32K and the lowest was in February which reached 2K

SALES TRENDS (AVG-SEGMENTATION)

PER-QUARTER 1 2011



And if you look at the data above during this period it has decreased or reached an average minus number, namely Bahrain with a figure of -54.00

SALES TRENDS

PER-QUARTER 2 2011

Trend Product



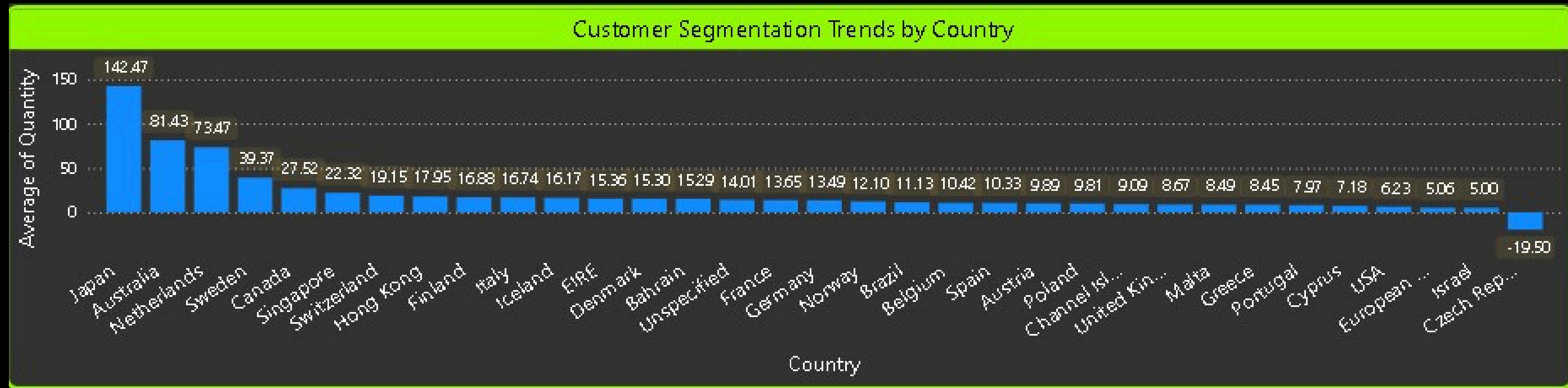
Trend Sales



The results of the analysis of the data above show that the sales trend is unstable where the increase is in May with a figure of 36k and in June it has decreased to a minus number of -14k

SALES TRENDS (AVG-SEGMENTATION)

PER-QUARTER 2 2011



And if you look at the average number of segmentation quantities, there are those that have decreased or reached a minus number, namely the Czech Republic with a figure of -19.50

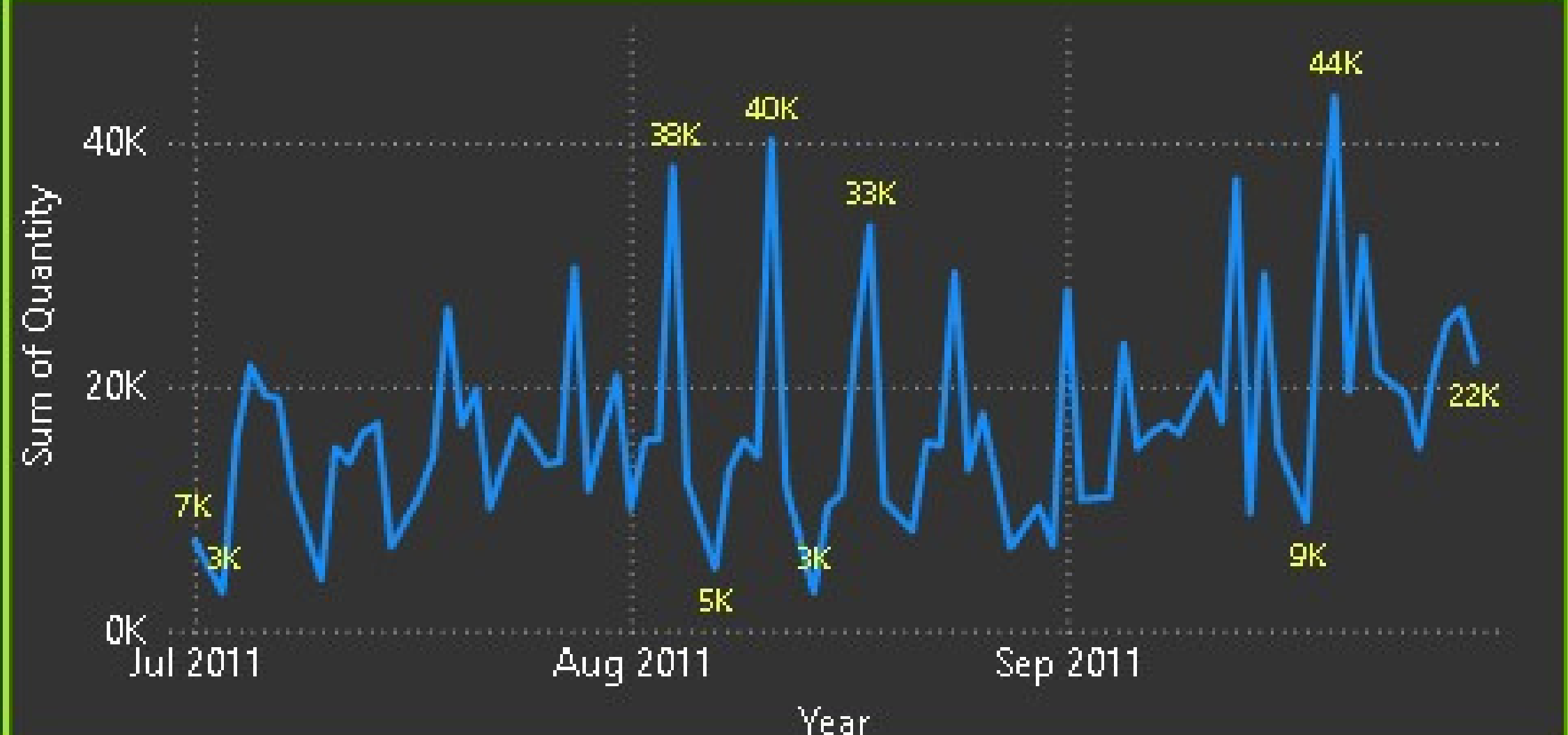
SALES TRENDS

PER-QUARTER 3 2011

Trend Product



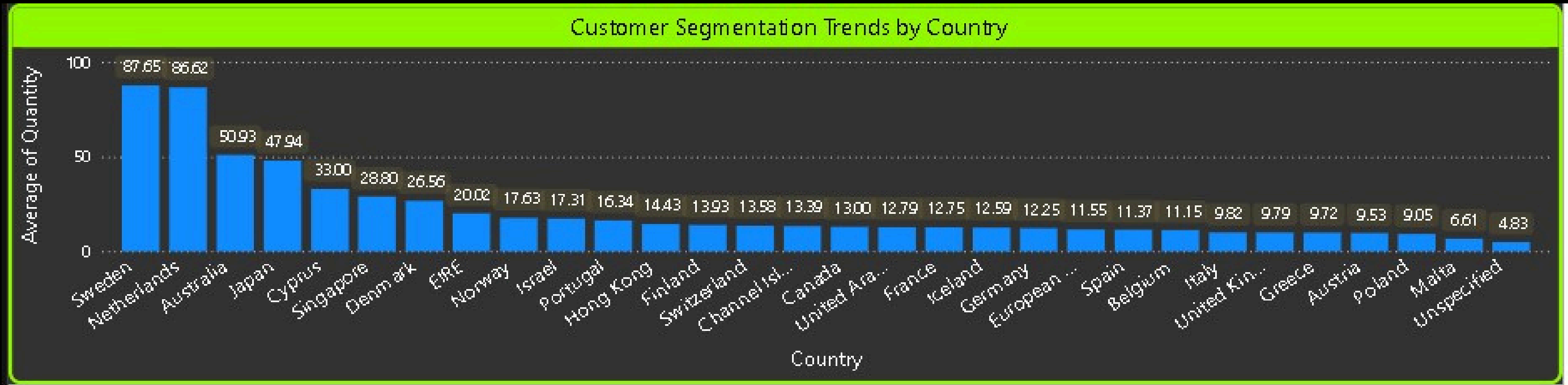
Trend Sales



The results of the analysis of the data above show that the sales trend is very positive from during this period, but in early July and mid-August there was a very significant decline, reaching 3K and at the beginning of SEP experiencing a quite intense increase, reaching 44K.

SALES TRENDS (AVG-SEGMENTATION)

PER-QUARTER 3 2011

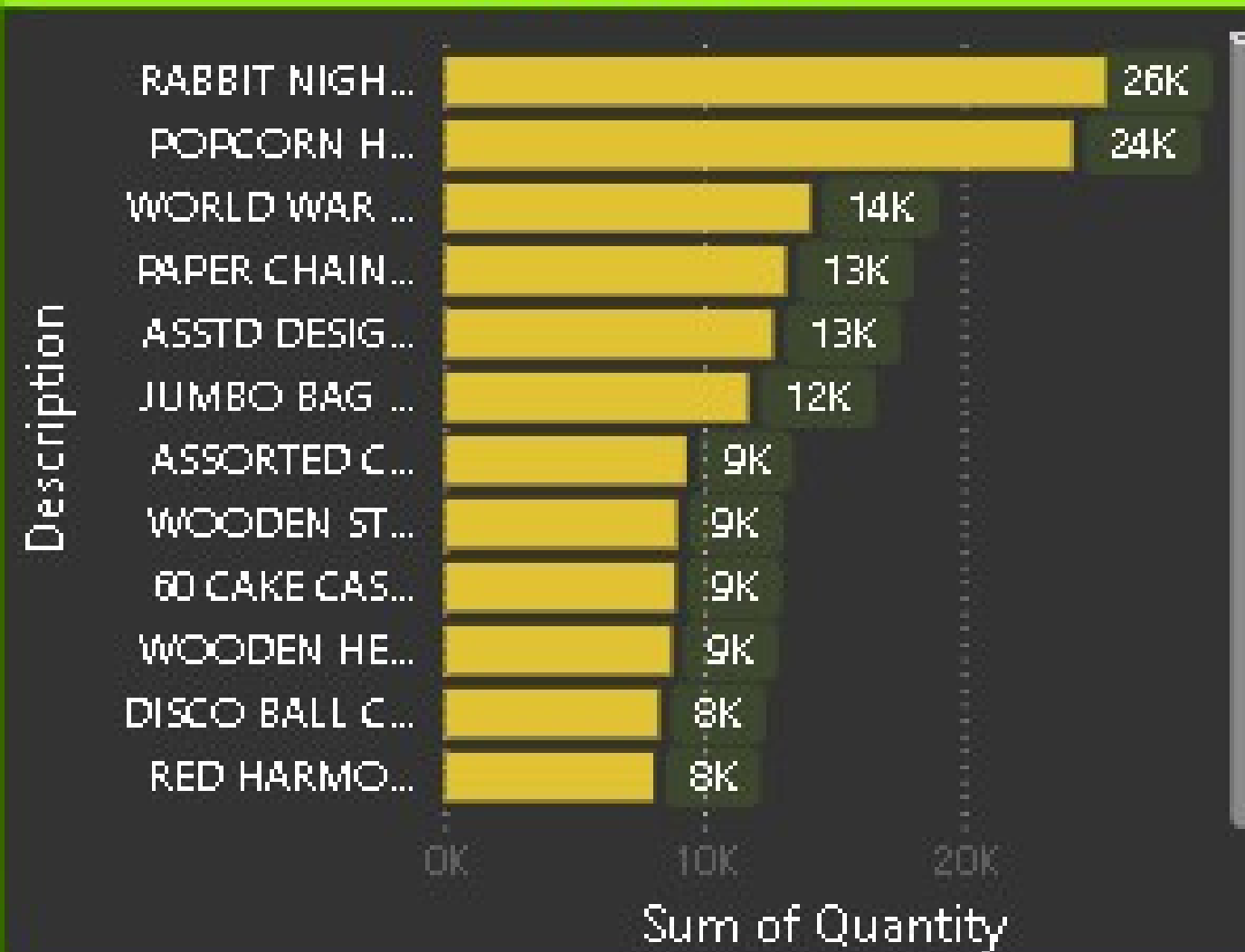


And if you look at the trend of the average number of semen quantity by country is quite positive

SALES TRENDS

PER-QUARTER 4 2011

Trend Product



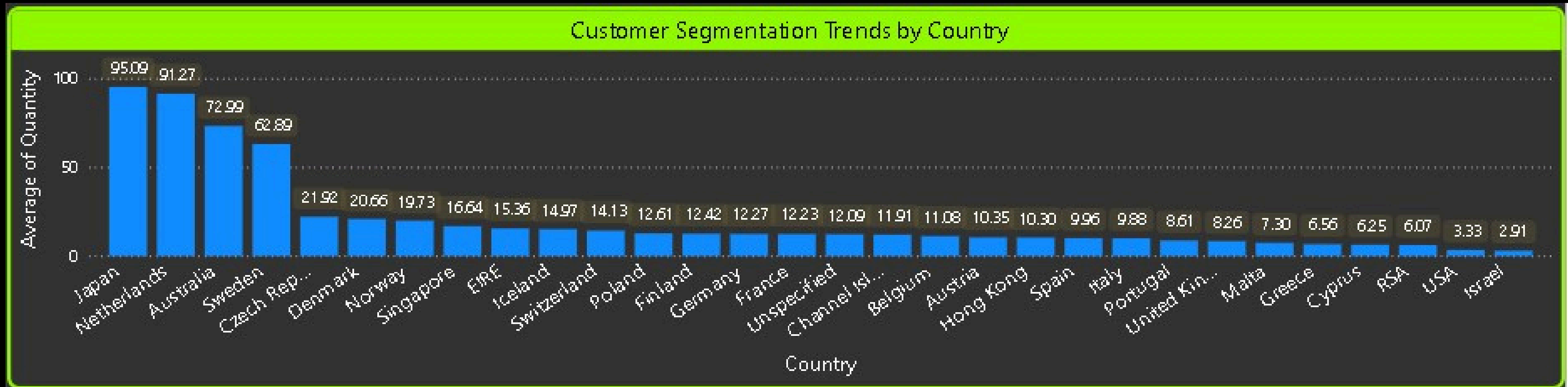
Trend Sales



The results of the analysis from the data above can be concluded that the sales trend in this period has decreased from the last 2 months, reaching 5K in November and 12K in December

SALES TRENDS (AVG-SEGMENTATION)

PER-QUARTER 4 2011



But on the other hand, if you look at the average number of segmentation quantities in this period, Japan has experienced an increase from the previous period, which reached 95.09. This means that the trend of selling products is starting to be in demand by several Asian countries, especially Japan.

The background is black with abstract geometric patterns in the corners. Top-left: white diagonal lines and a white quarter-circle arc. Top-right: yellow, blue, teal, and red quarter-circles. Bottom-left: red, teal, and blue quarter-circles. Bottom-right: white diagonal lines and a white quarter-circle arc.

THANK YOU