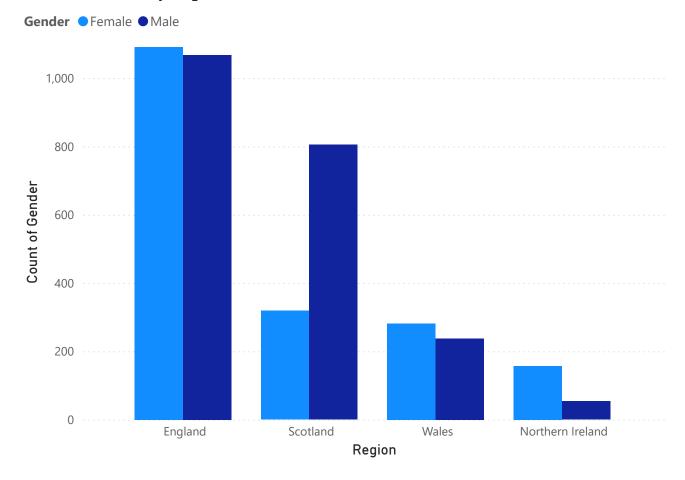


### **Region-wise number of customers**

In the above graphical visualization I've shown the virtual representation of total number of customers at each region. In the X axis we have used Region while in the Y-axis we have made use of customer ID which was set into count of CustomerID. It is observed that England has the most number of customers while Northern Ireland has the least number of customers.

## Count of Gender by Region and Gender



# Region-wise number of Male & Female Customers

The above given graph represents the region wise count of each gender. In the X-axis we have defined the Regions attribute while in the Y-axis we have made use of Count of gender attribute. The region with most number of individuals have higher number of female customers as compared to male and similarly in Northern Ireland which has the least customers.

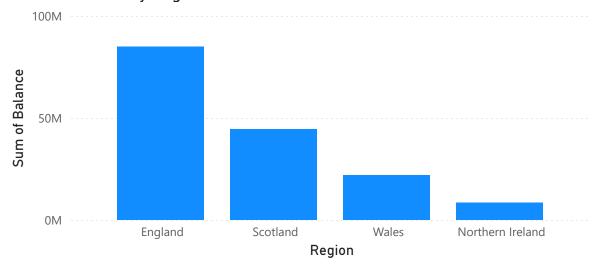
### Count of Customer ID by Region and Region



#### **Region-wise number of Male & Female Customers**

The above given graph represents the region wise count of each gender. In the X-axis we have defined the Regions attribute while in the Y-axis we have made use of Count of gender attribute. The region with most number of individuals have higher number of female customers as compared to male and similarly in Northern Ireland which has the least customers.

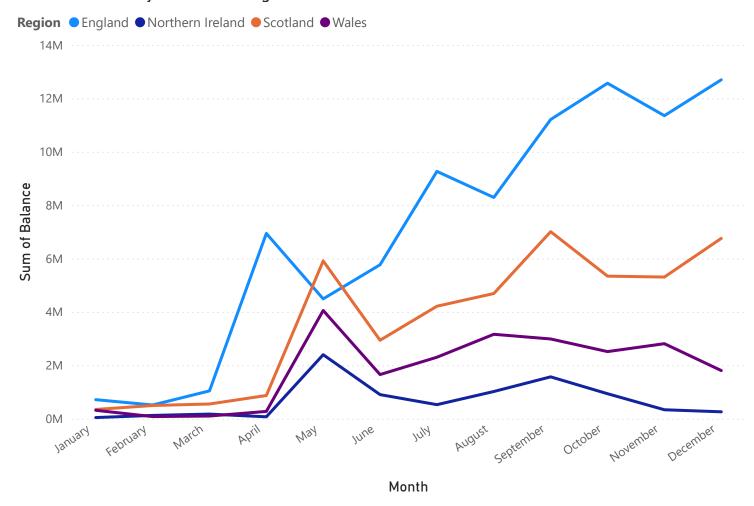
# Sum of Balance by Region



### Region-wise customer's bank balance

The above given graph depicts the bank balance with respect to each region. We have made use of clustered column chart where X axis serves as the Regions and the Y axis serves as total bank balance. We observe that customers of England has the most bank balance and customers of Northern Ireland has the least bank balance.

## Sum of Balance by Month and Region



# Region-wise Monthly balance availability trend.

The above given line chart represents the Region wise trend of Bank balance by taking Monthly trend into consideration. There is a sudden rise in England's Bank balance after the Month of June. The Bank balance of Northern Ireland has been deprecating by the end of the year.