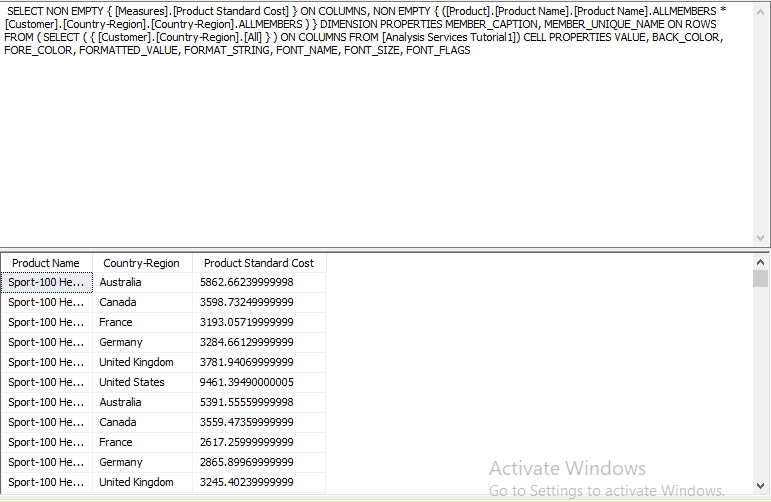
**LAB # 6 – TO – 8 :-**

**TASK :** Generate reports using both MDX and Excel Pivot table for the following scenarios and Generate pivot charts for any 3 scenarios mentioned above to better visualize the data.

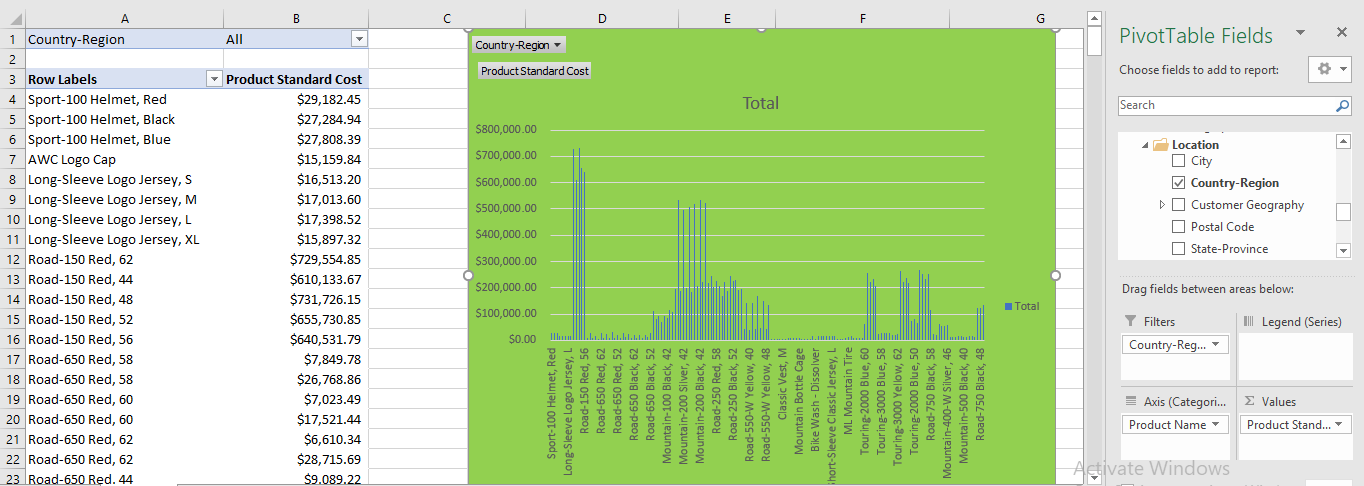
* Display the standard cost of all the products along with their categories according to the regions in which they were sold. Which region is the most and the least expensive according to the result retrieved?

Ans: According to report **UNITED STATES** is the most expensive region and **FRANCE** is the least expensive region**.**

**MDX REPORT:**

****

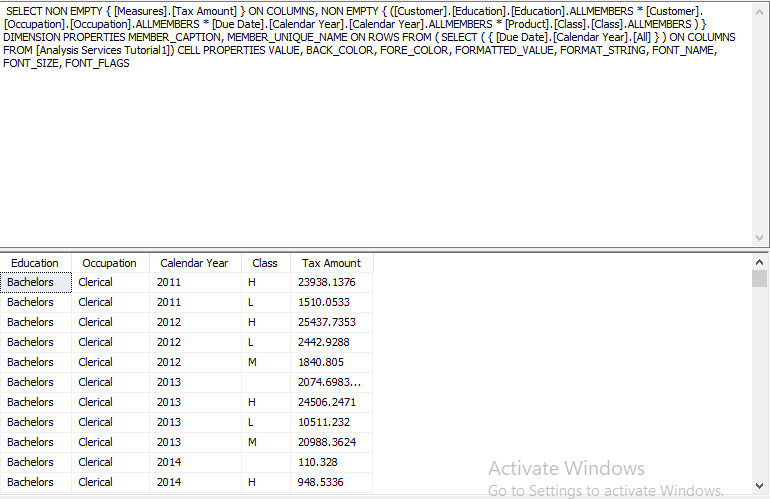
**EXCEL PIVOT TABLE REPORT ALONG PIVOT CHART:**

****

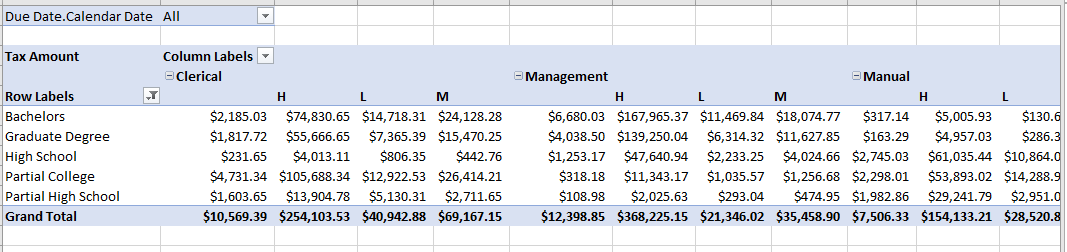
* Display the Tax amount for customers according to their educations and occupations over calendar year. Do these factors impact the tax amount paid by a customer? Which class of customers pays the highest tax amount?

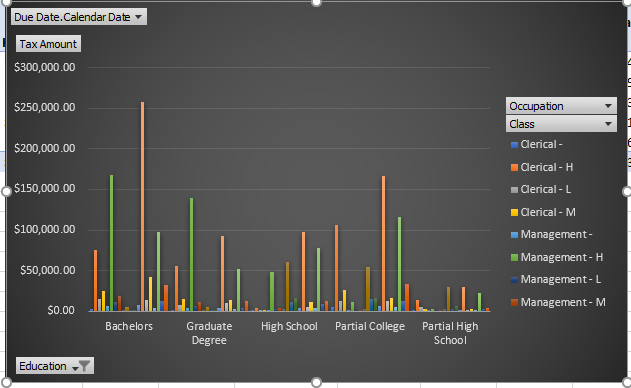
Ans: Yes ,According to report, the above mentioned factors has impact the tax amount paid by a customer. High class of customers pays the highest tax amount.

**MDX REPORT:**

****

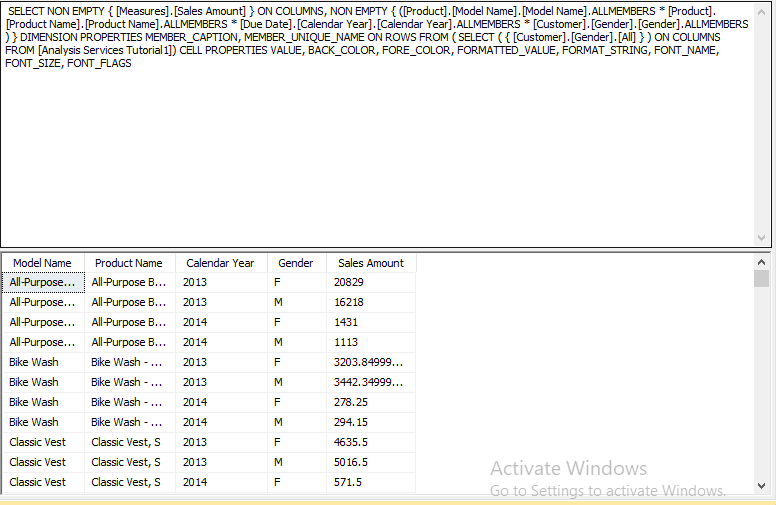
**EXCEL PIVOT TABLE REPORT ALONG PIVOT CHART:**



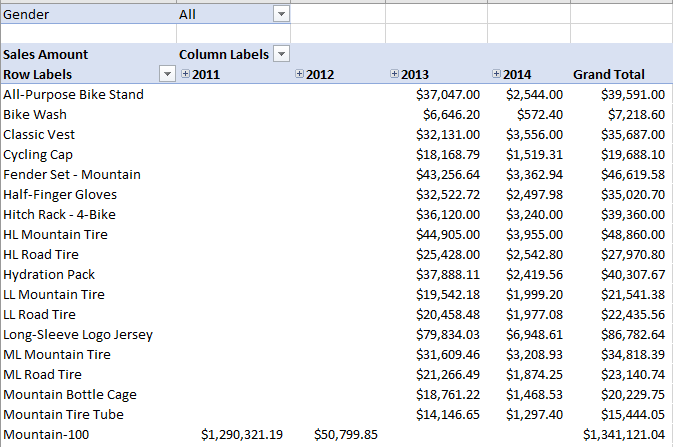


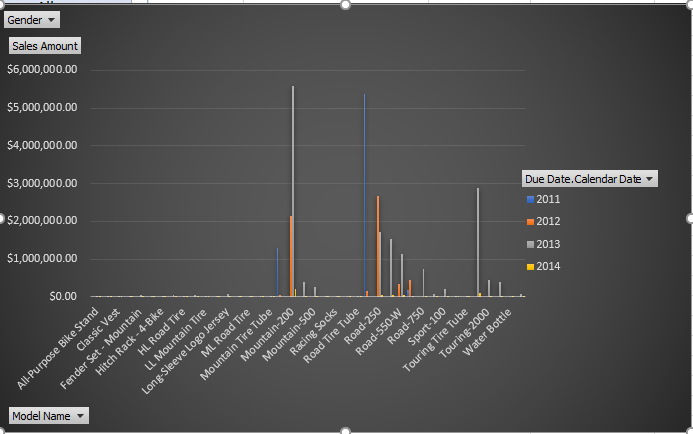
* Display the sales amount for all products (use product hierarchy) purchased according to the calendar year and filter the results according to the customers’ genders. What type of customers bought the most Biking products?
* ANS: According to the report **MALE CUSTOMERS** bought the most Biking products.

**MDX REPORT:**

****

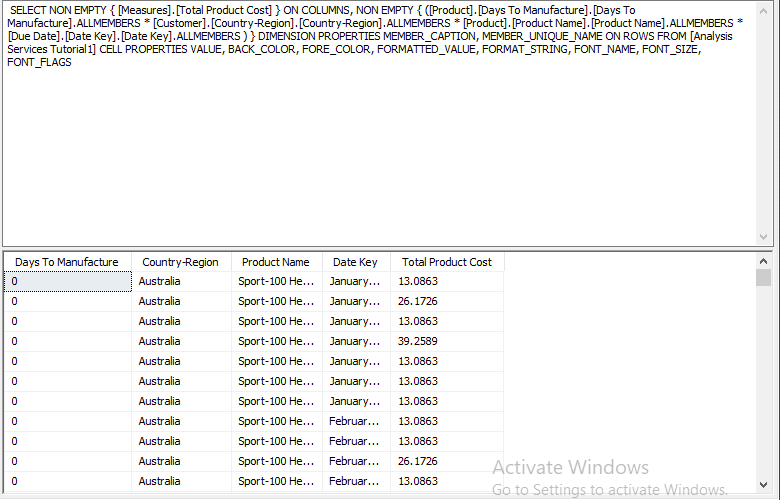
**EXCEL PIVOT TABLE REPORT ALONG PIVOT CHART:**

****

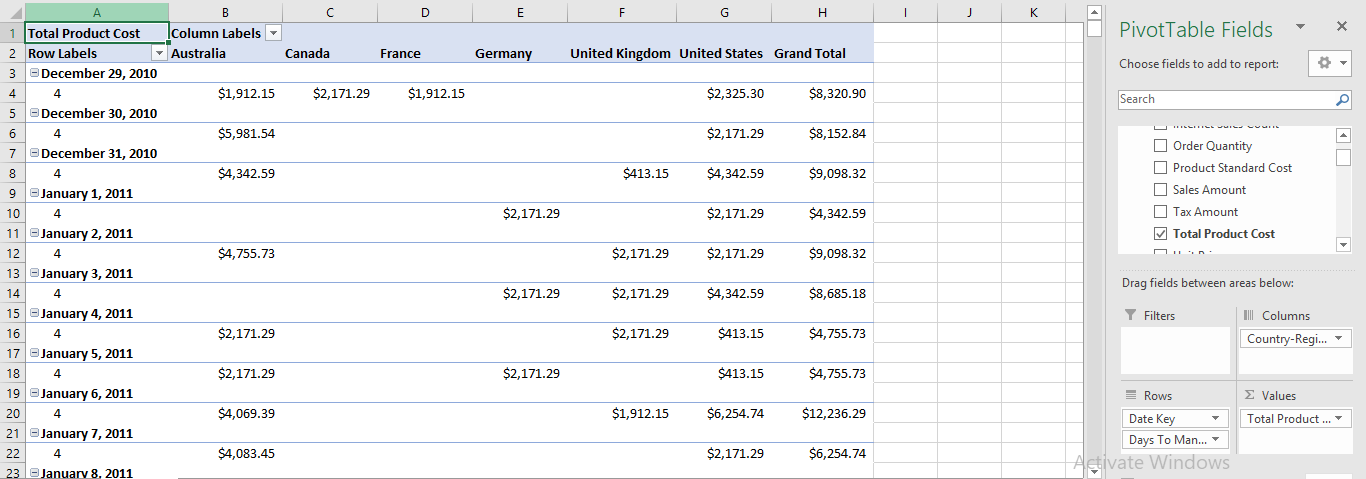


* Display the total days required to manufacture the products (use product hierarchy) according to region and time (use date hierarchy).

**MDX REPORT:**

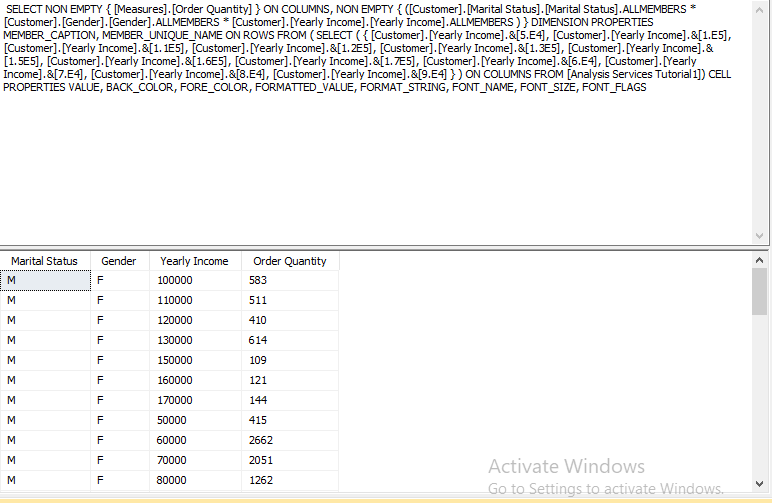
****

**EXCEL PIVOT TABLE REPORT:**



* Display the order quantity for all the products ordered by customers according to their marital statuses and genders. Filter the results for customers having yearly income greater than or equal to 50,000.

**MDX REPORT:**

****

**EXCEL PIVOT TABLE REPORT:**

