**Team Number**

**Data Analytics Interim Project Proposal**

**TEMPLATE**

**Overview**

*[add an overview of your intended approach here]*

|  |  |
| --- | --- |
| Proposed by: | Room 1  First Name & Last Name  First Name & Last Name  First Name & Last Name  First Name & Last Name  First Name & Last Name |
| Timeframe: | Completion by Date and Time.  Presentation on Date and Time |

**Objectives and steps**

With the use of specific data found in Adventure works we were tasked to answer the following questions: *[for each question below, add descriptions of your groups’ ideas generated, conceptual sketches, function, and key components you will use]*

1. What is the regional sales in the best performing country?(Cristiana)

* First I run the Territory\_sales\_view where I have the columns Region, Country, Code and group.
* I joined the tables Sales.SalesTerritory as st, and sales order header,
* The order date was from

SELECT st.TerritoryID, soh.SalesOrderID, st.Name AS Region, st.CountryRegionCode AS CountryCode, st.[Group], soh.SubTotal AS TotalSales

FROM Sales.SalesTerritory AS st LEFT OUTER JOIN

Sales.SalesOrderHeader AS soh

ON soh.TerritoryID = st.TerritoryID

WHERE (soh.OrderDate BETWEEN '2013-01-01' AND '2013-12-31')

Group-Geographic area to which the sales territory belong

[CountryRegionCode] - standard country or region code. Foreign key to CountryRegion.CountryRegionCode.

Territory in which the sale was made. Foreign key to SalesTerritory.SalesTerritoryID.

Bar plot

1. What is the relationship between annual leave taken and bonus?
2. What is the relationship between Country and Revenue?
3. What is the relationship between sick leave and Job Title?
4. What is the relationship between store trading duration and revenue?
5. What is the relationship between the size of the stores, number of employees and revenue?