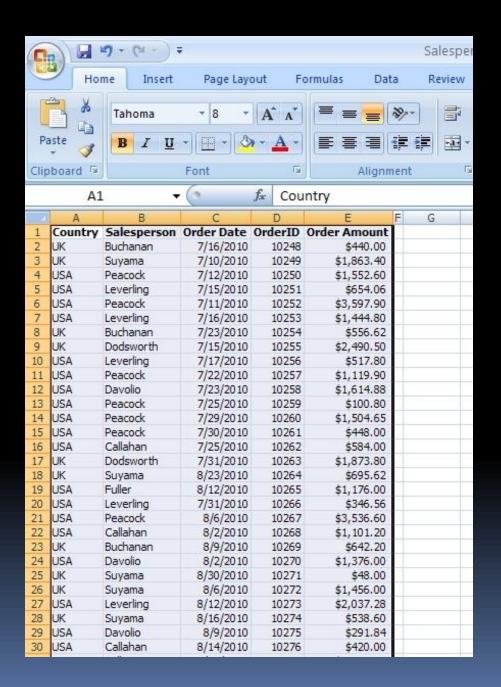
#### Select Data

Select the data to be included in the Pivot Chart

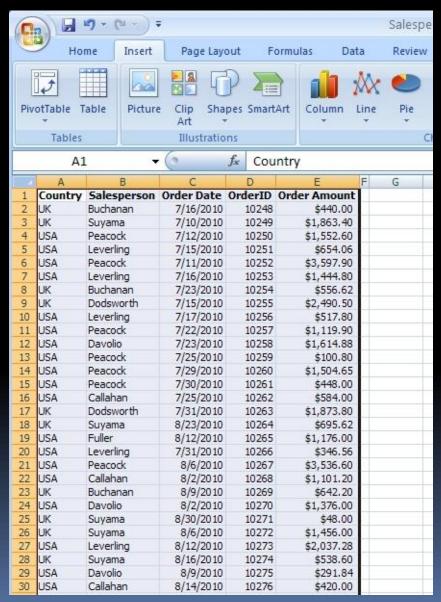
Tip: To select large amount of data use:

CTRL-SHIFT-\*



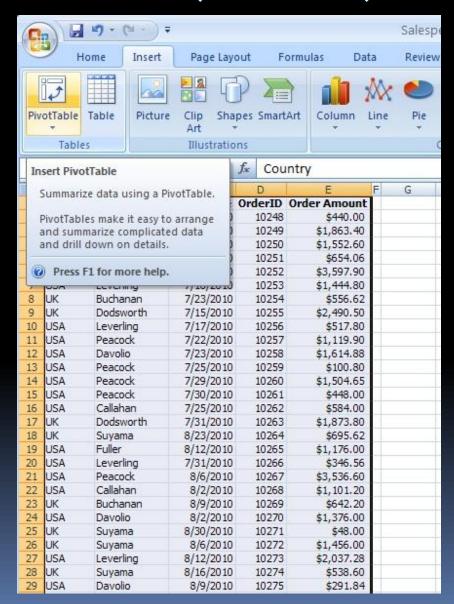
#### Click on the Insert tab

The insert Tab contains the PivotTable button



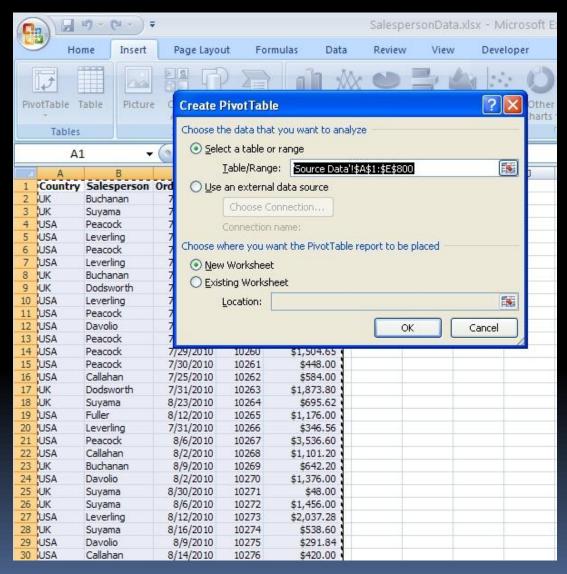
### Click on PivotTable (Ribbon)

PivotTable summarize data in a flexible manner allowing also the generation of charts as soon as the PivotTable is completed



#### Create PivotTable window

The Create PivotTable window pop up after clicking o the Pivot Table button



#### PivotTable window (details)

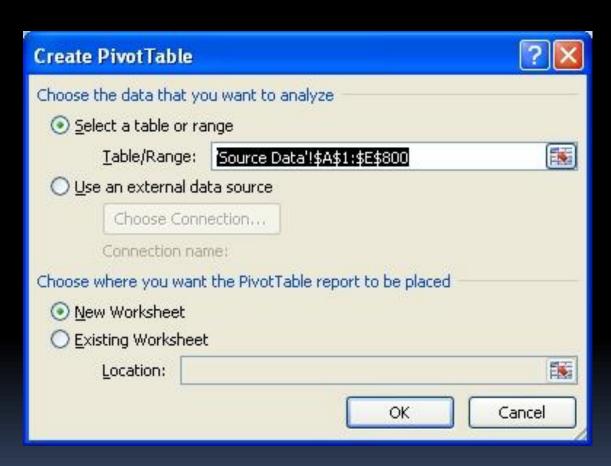
#### Data to be analyzed:

- Table/Range
- External data source

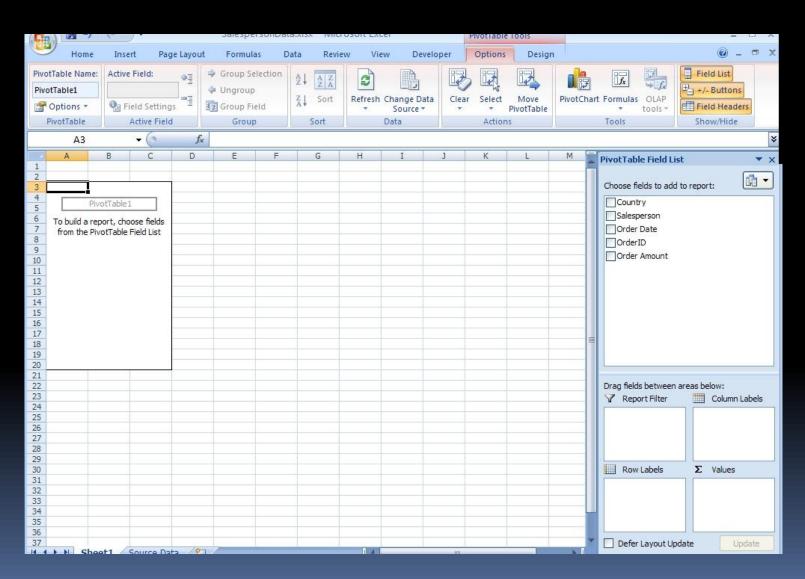
In most cases we will use the Table/Range option. No change needs to be made since the data was selected at the beginning of the process

Placement of the PivotTable:

In most cases the default choice will suffice since it is convenient to place the PivotTable in a new worksheet

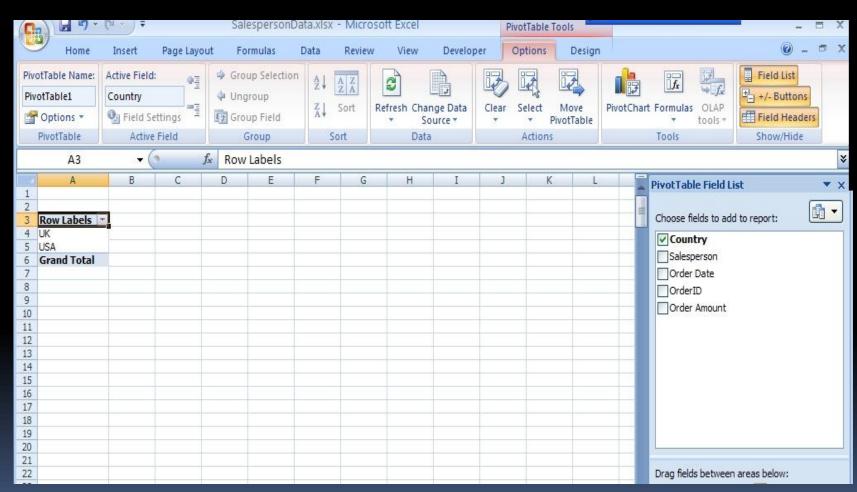


#### PivotTable screen



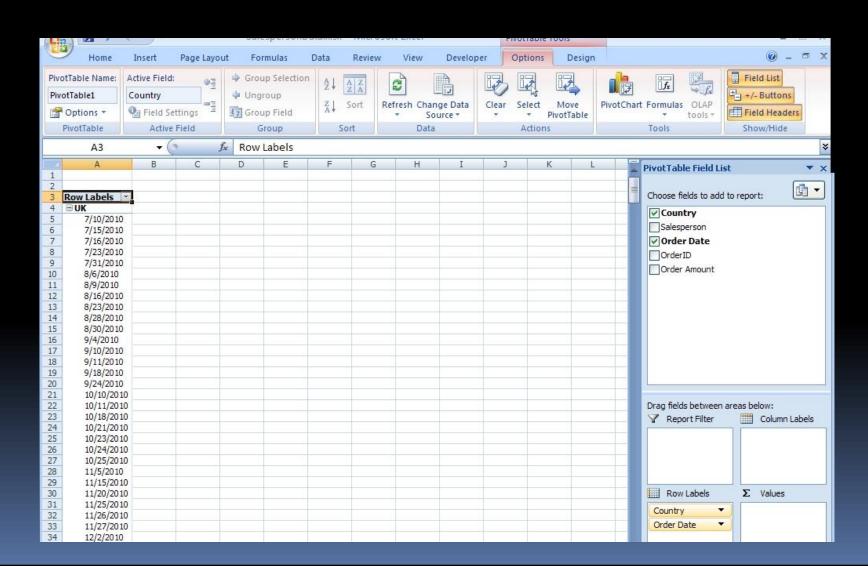
### Select 1st field (Country)

Adding the fields in a predetermined order

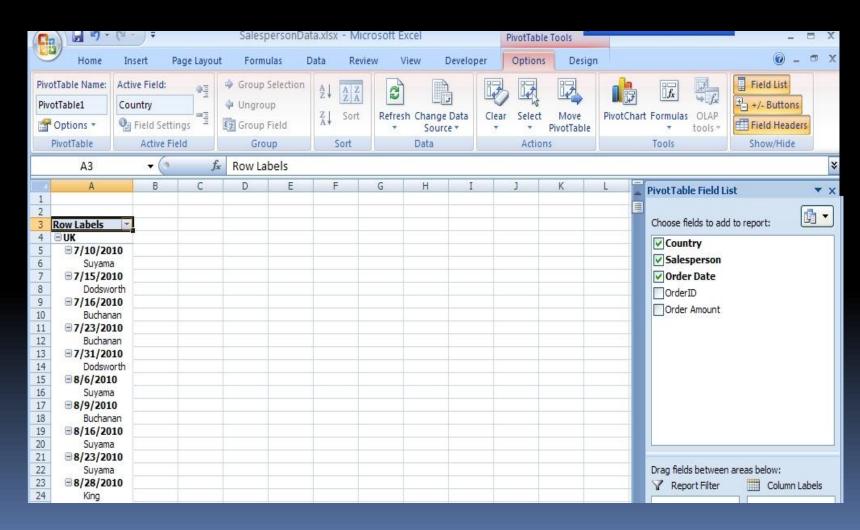


### Select 2<sup>nd</sup> field (Order Date)

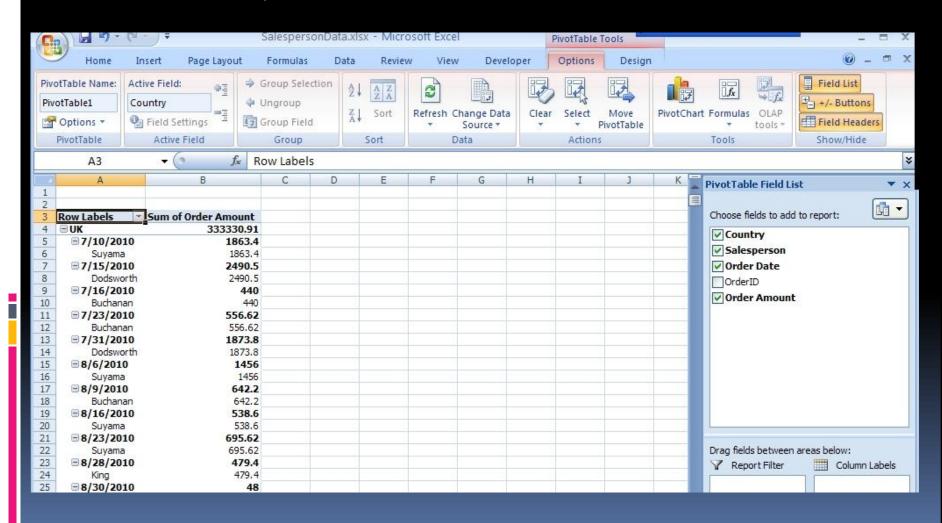
Notice the dates (all of them are listed!)



# Select 3<sup>rd</sup> field (Salesperson)

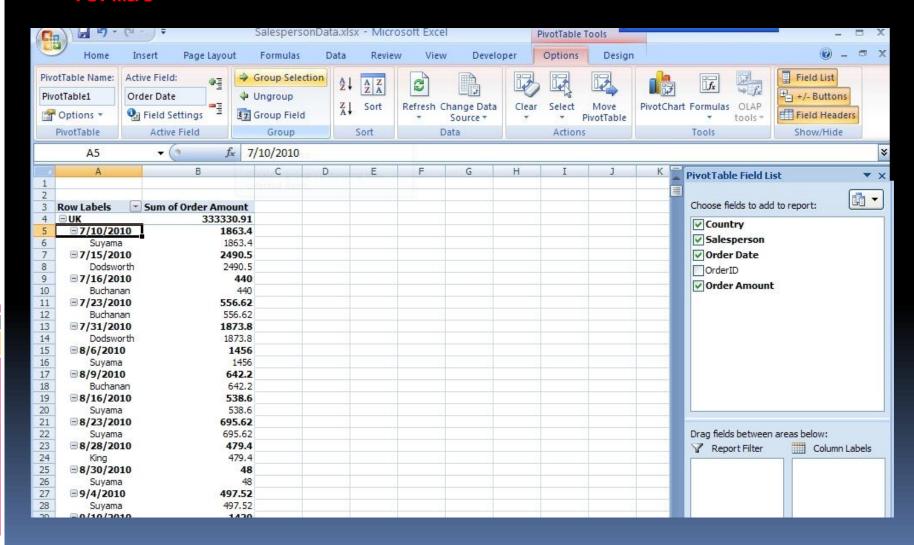


# Select 4<sup>th</sup> field (Order Amount)

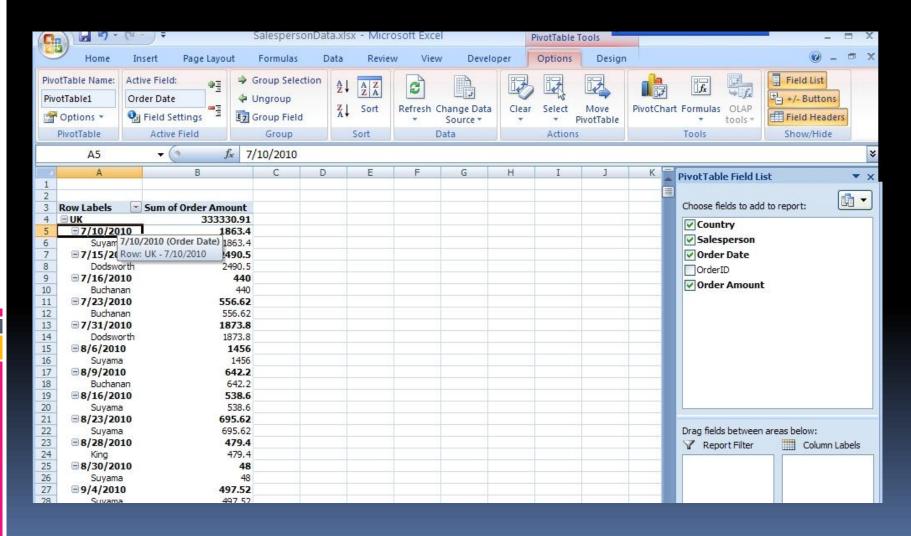


#### Grouping the Dates

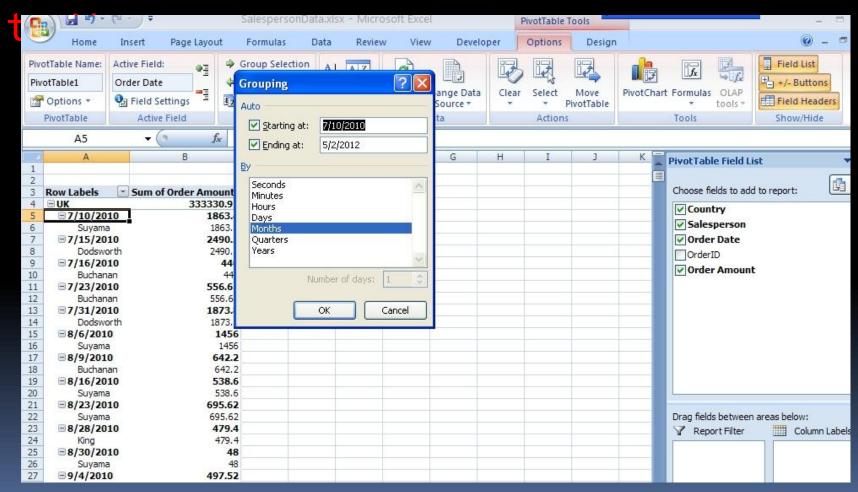
This will solve the problem of the dates being in raw format



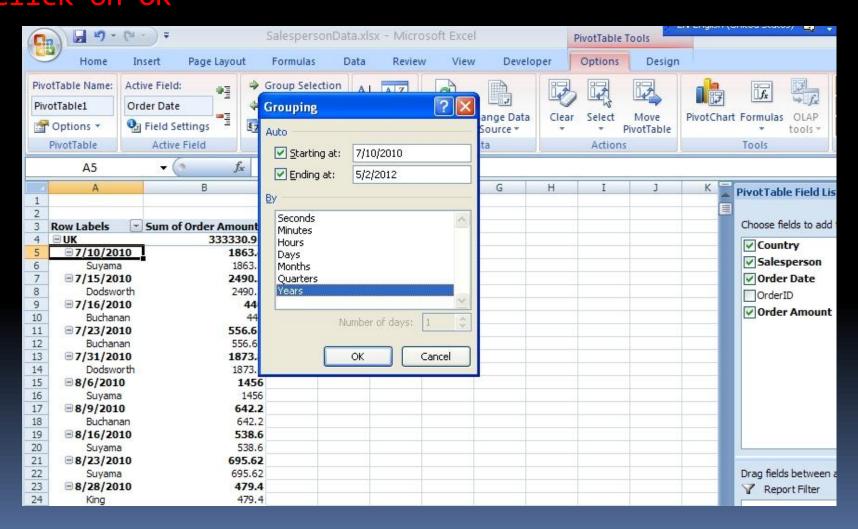
### Grouping the Dates Select any date !



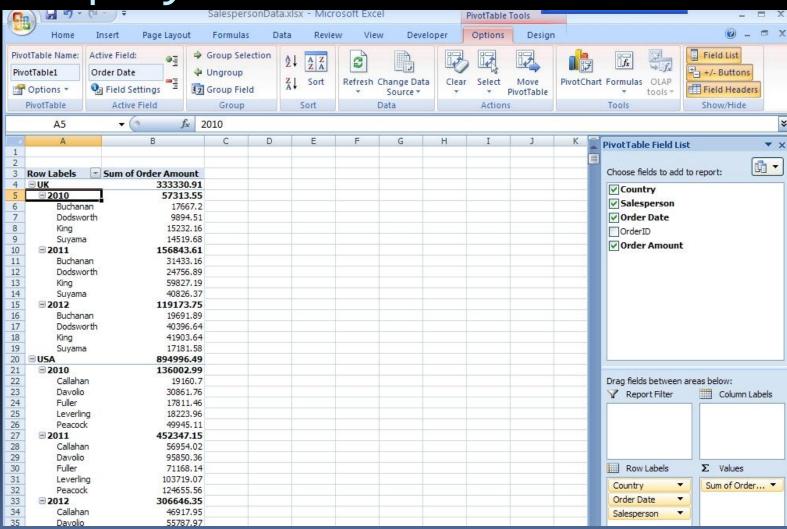
### Grouping the Dates Click on "Group Selection" (Ribbon) The Month option needs to be changed



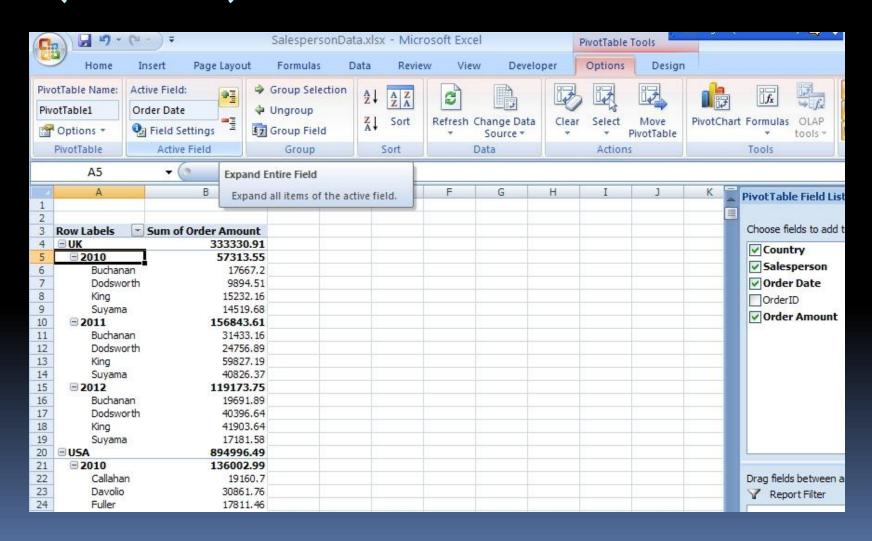
# Grouping the Dates Grouping changed to Years Click on OK



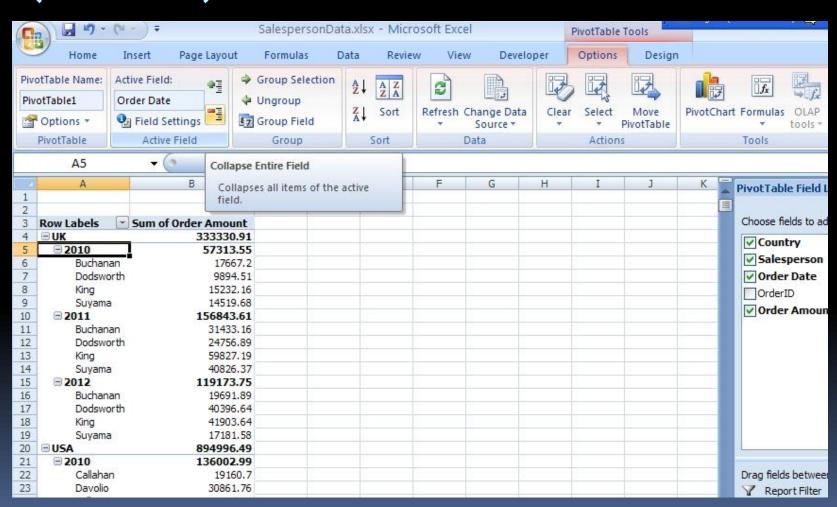
## Dates are fixed: Years are displayed



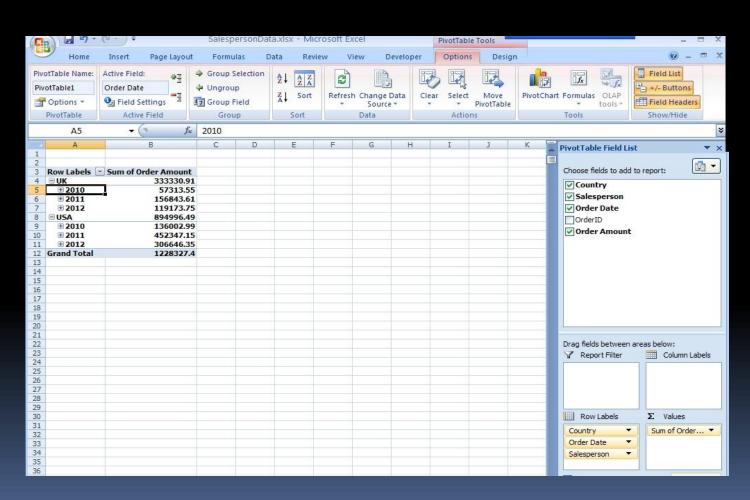
### Expand Entire Field option (Ribbon)



## Collapse Entire Field option (Ribbon)

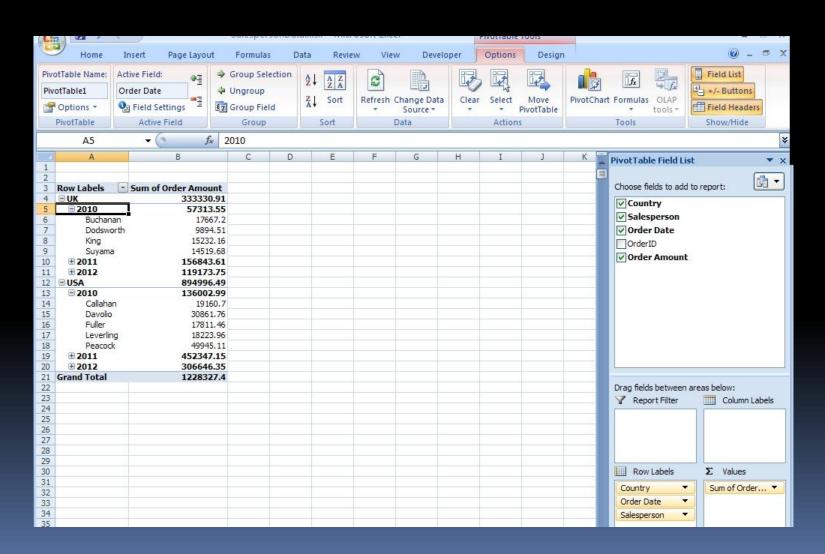


## Dates (Years) collapsed 2010 was a bad year. Why?

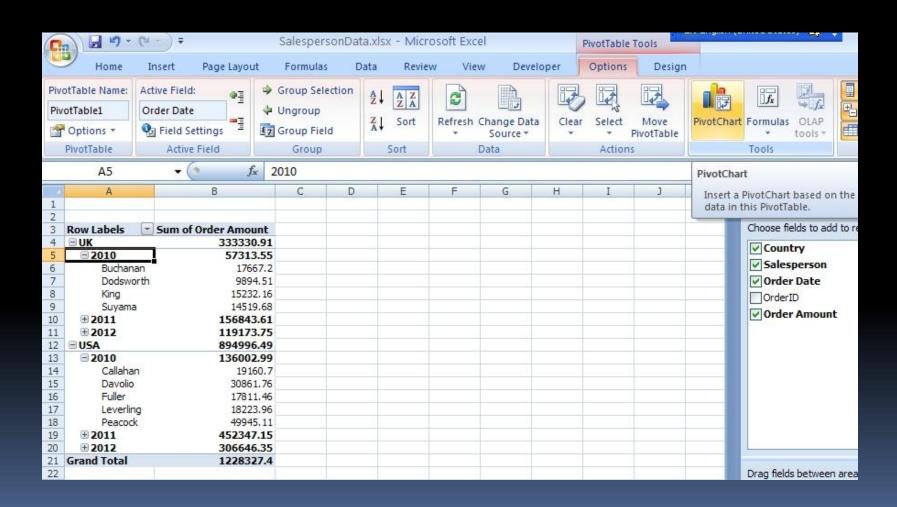


#### 2010 expanded

Dodsworth sold much less than his colleagues



### Create a Pivot Chart Click on PivotChart (Ribbon)

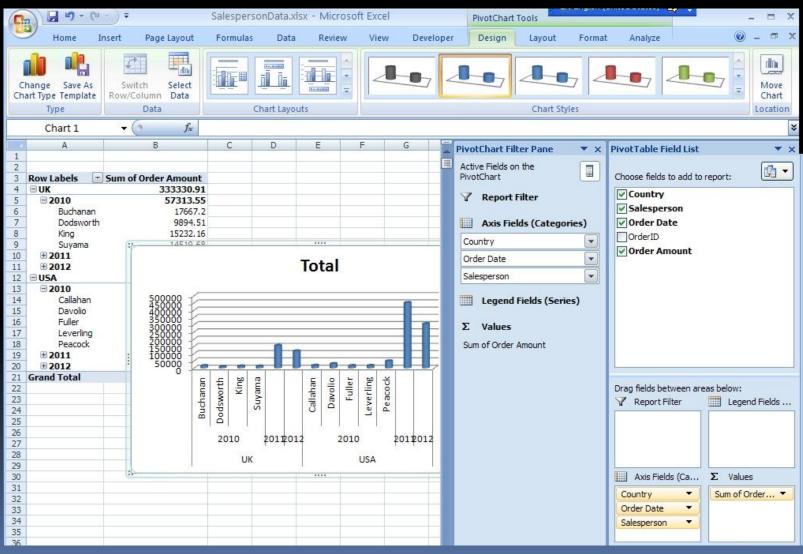


#### Create a PivotChart

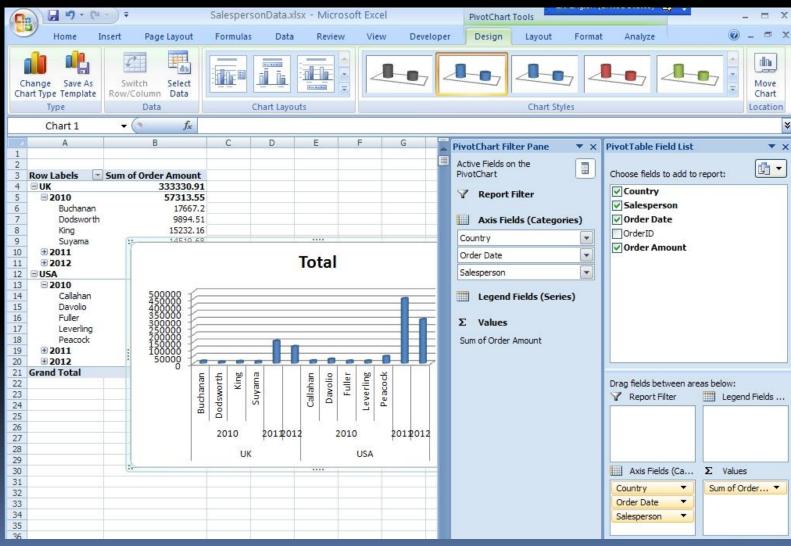
Select a Chart format



### Create a PivotChart The Chart is displayed



### Creating a PivotChart Close the auxiliary windows



# PivotTable and PivotChart completed

