Course : IDA Lab	**Class:** SY CSE
Roll No: CSE 18	**Date:**
Name: Gaurav Hiwarale	

Practical No. 3

Title: Representation of data of pivot table graphically using pivot charts

Objectives:

1. What are pivot charts ?
2. How to create a pivot chart? Theory: Pivot charts:

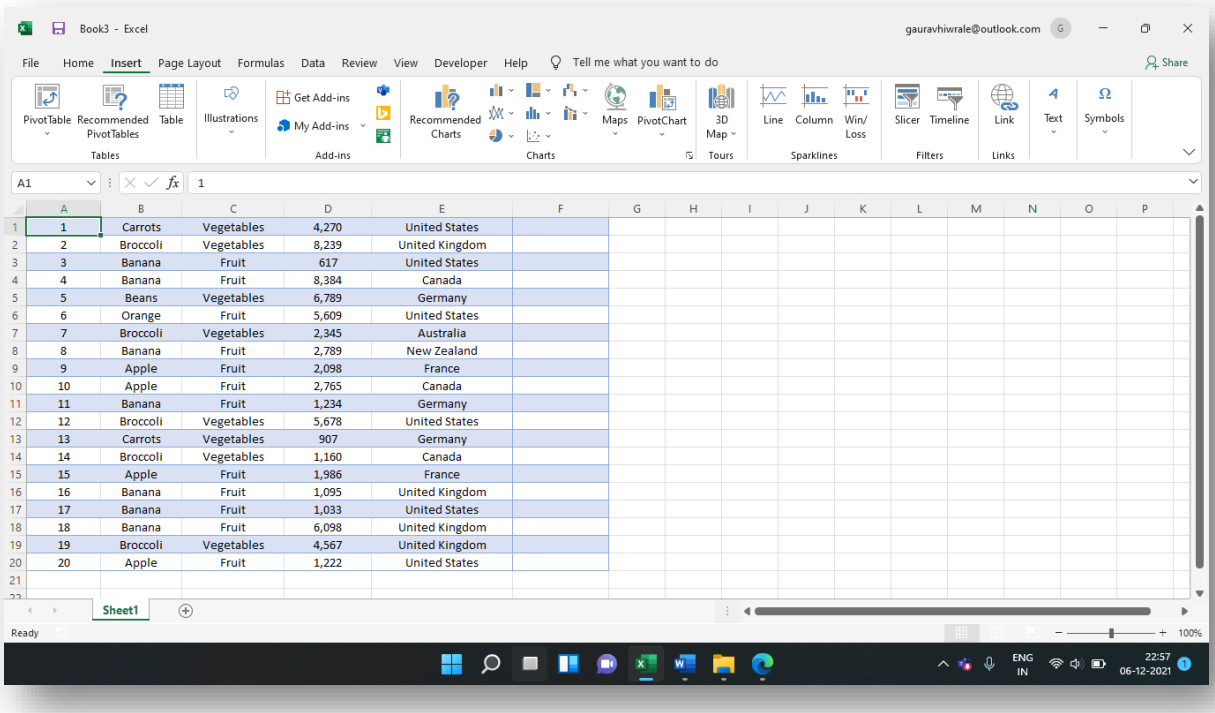
- A pivot table is a table of statistics that summarizes the data of a more extensive table (such as from a database, spreadsheet, or business intelligence program). This summary might include sums, averages, or other statistics, which the pivot table groups together in a meaningful way.
- Pivot tables are a technique in data processing. They arrange and rearrange (or "pivot") statistics in order to draw attention to useful information
- Performance and result:

  All operations are performed on following workbook:

  pivot-table Demo workbook

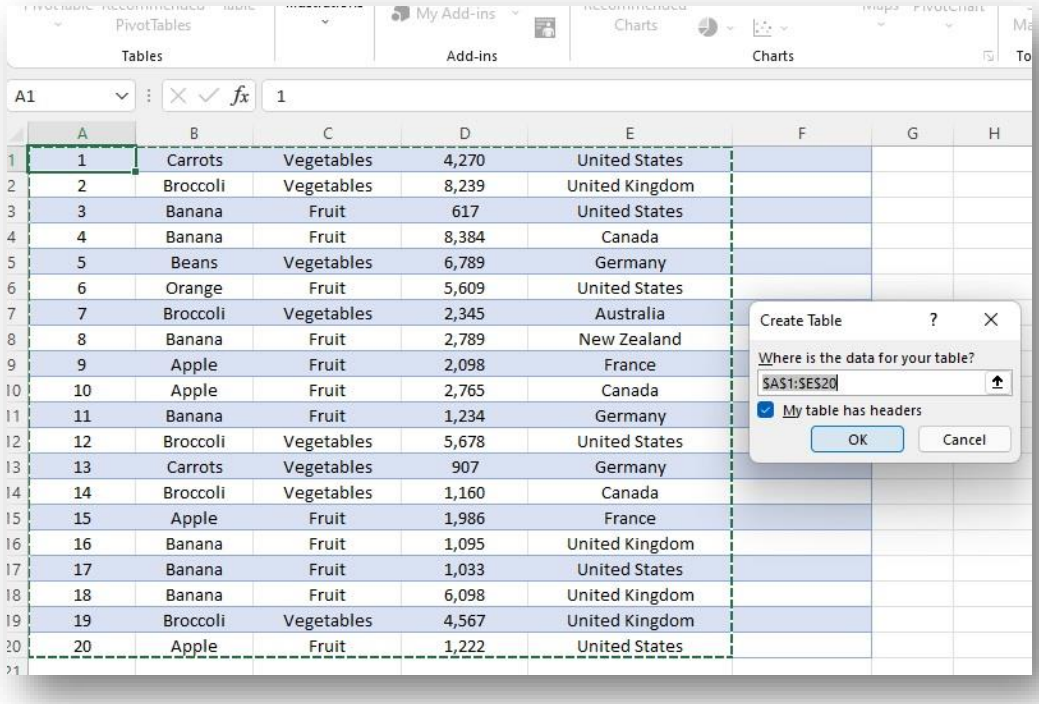
- Following are the observation and operation performed on sample workbook:
  - First we have to create a pivot table:

• Opening the given sample workbook.



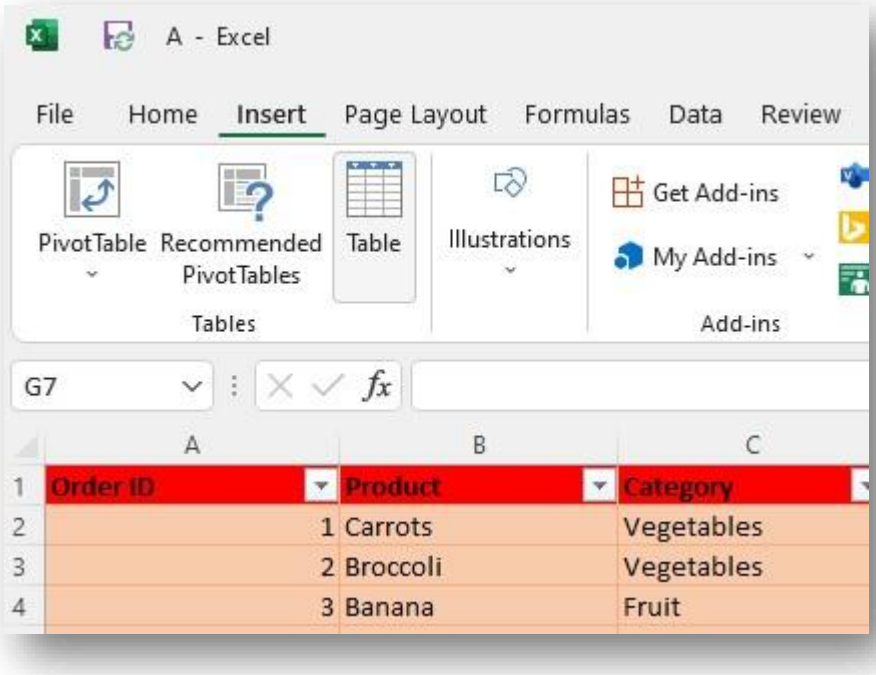
- Now we have to create a table.

1. To create a table we can simply press CRTL+T

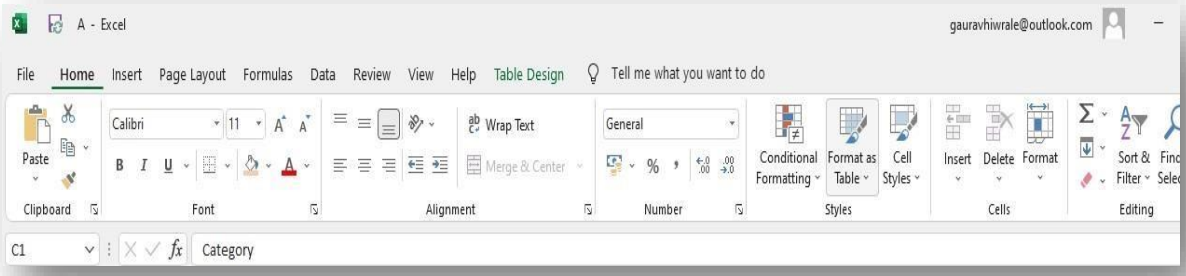


OR

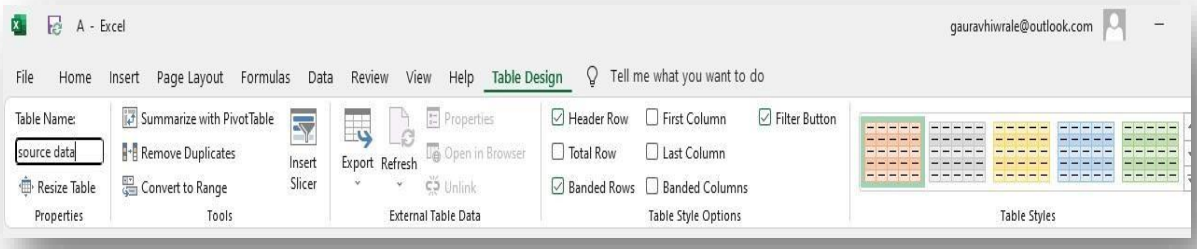
2. Can go to insert tab on the ribbon and select table.



3. Can go on in the home tab on ribbon and can select “Format as table option”.

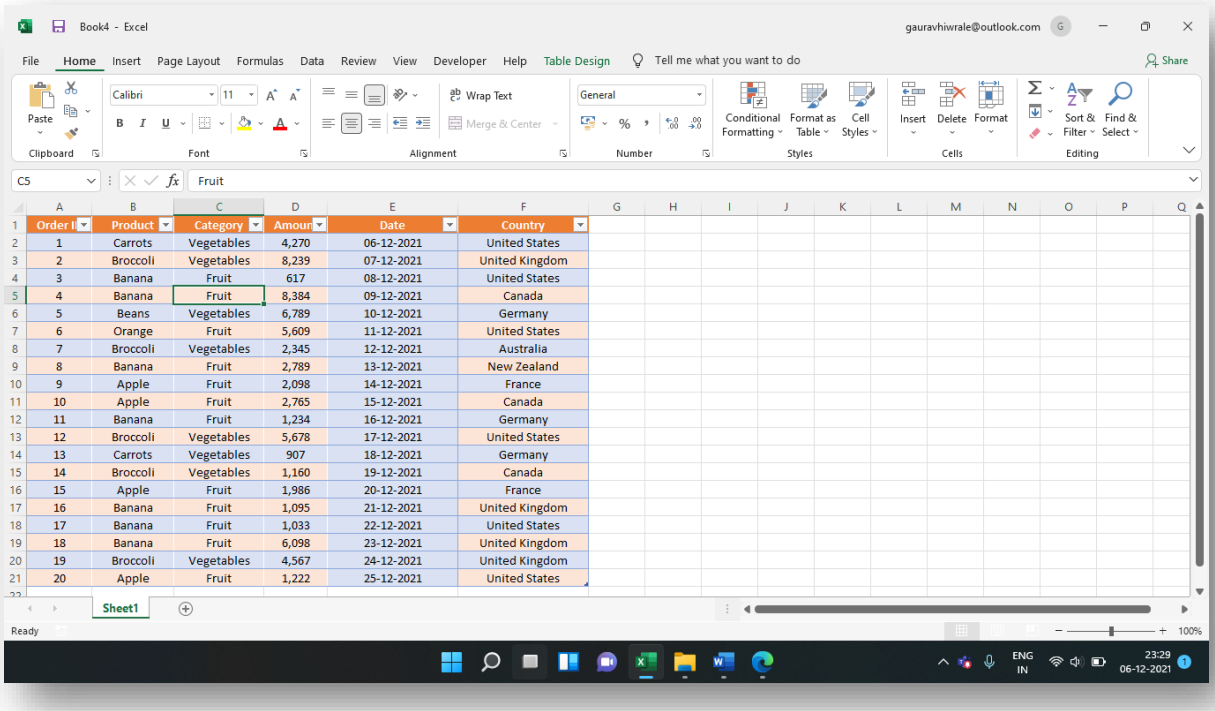


4. Then in the design tab on ribbon name your table as source data.



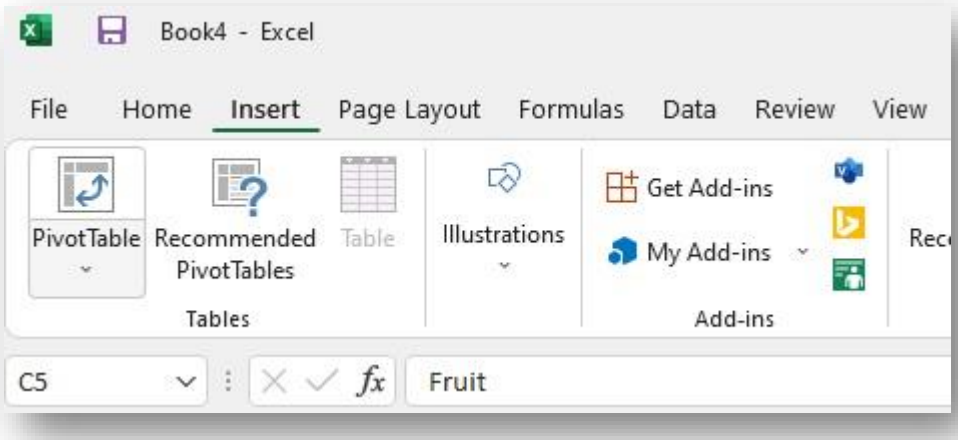
- Next we have to create a pivot table.

1. To create a pivot table , first select a cell

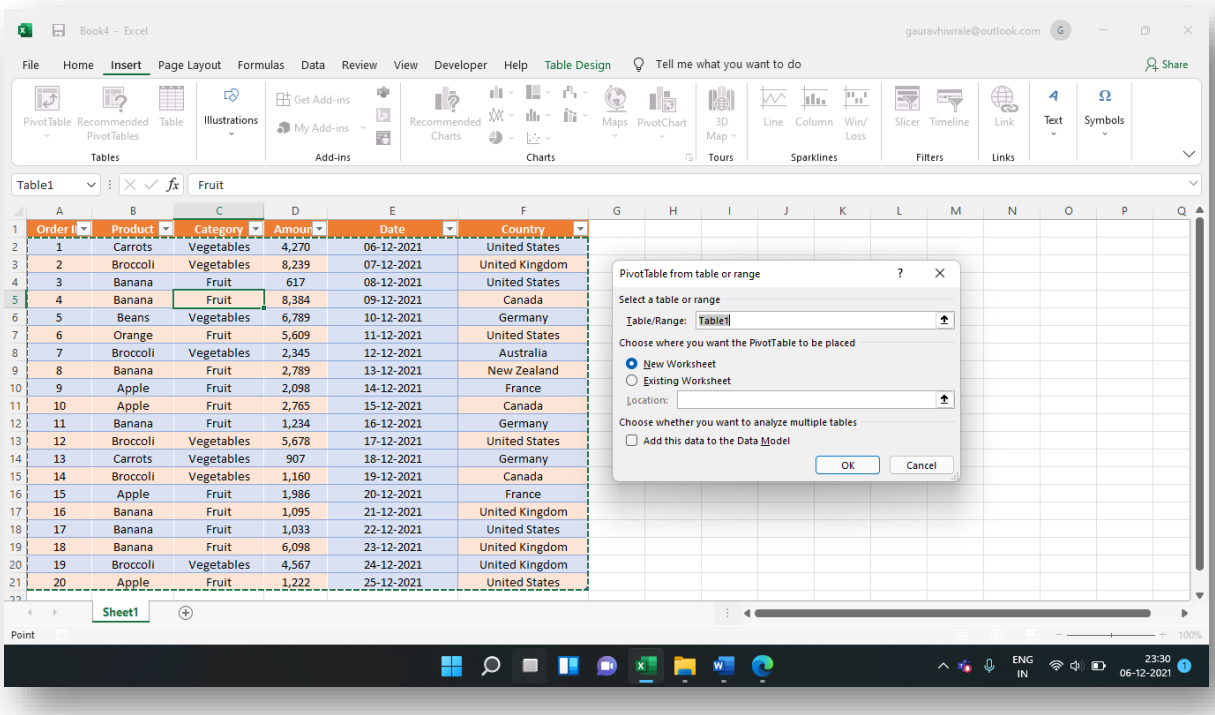


	Order I	Product	Category	Amoun	Date	Country
2	1	Carrots	Vegetables	4,270	06-12-2021	United States
3	2	Broccoli	Vegetables	8,239	07-12-2021	United Kingdom
4	3	Banana	Fruit	617	08-12-2021	United States
5	4	Banana	Fruit	8,384	09-12-2021	Canada
6	5	Beans	Vegetables	6,789	10-12-2021	Germany
7	6	Orange	Fruit	5,609	11-12-2021	United States
8	7	Broccoli	Vegetables	2,345	12-12-2021	Australia
9	8	Banana	Fruit	2,789	13-12-2021	New Zealand
10	9	Apple	Fruit	2,098	14-12-2021	France
11	10	Apple	Fruit	2,765	15-12-2021	Canada
12	11	Banana	Fruit	1,234	16-12-2021	Germany
13	12	Broccoli	Vegetables	5,678	17-12-2021	United States
14	13	Carrots	Vegetables	907	18-12-2021	Germany
15	14	Broccoli	Vegetables	1,160	19-12-2021	Canada
16	15	Apple	Fruit	1,986	20-12-2021	France
17	16	Banana	Fruit	1,095	21-12-2021	United Kingdom
18	17	Banana	Fruit	1,033	22-12-2021	United States
19	18	Banana	Fruit	6,098	23-12-2021	United Kingdom
20	19	Broccoli	Vegetables	4,567	24-12-2021	United Kingdom
21	20	Apple	Fruit	1,222	25-12-2021	United States

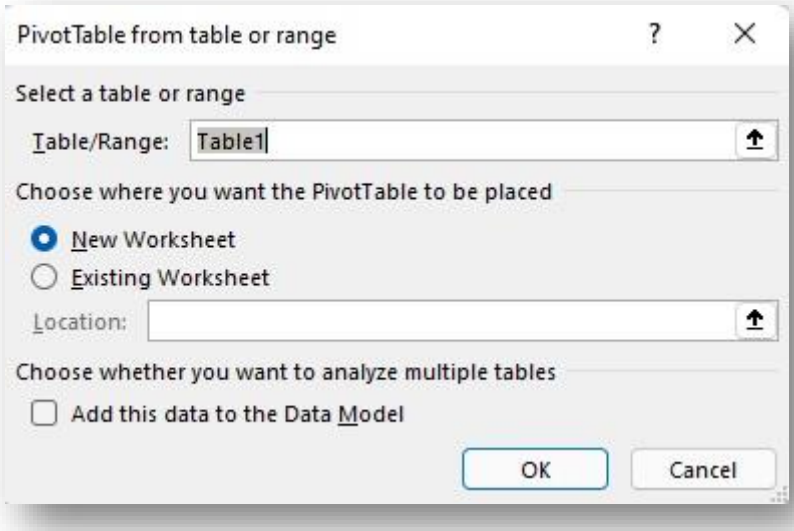
2. Then go to insert tab on the ribbon and select pivot table option or simply press ALT+NV.



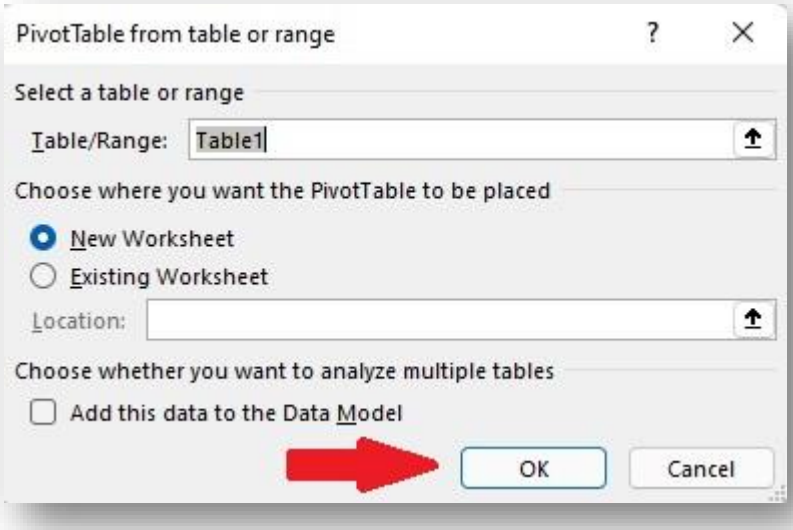
3. A dialog box will appear.



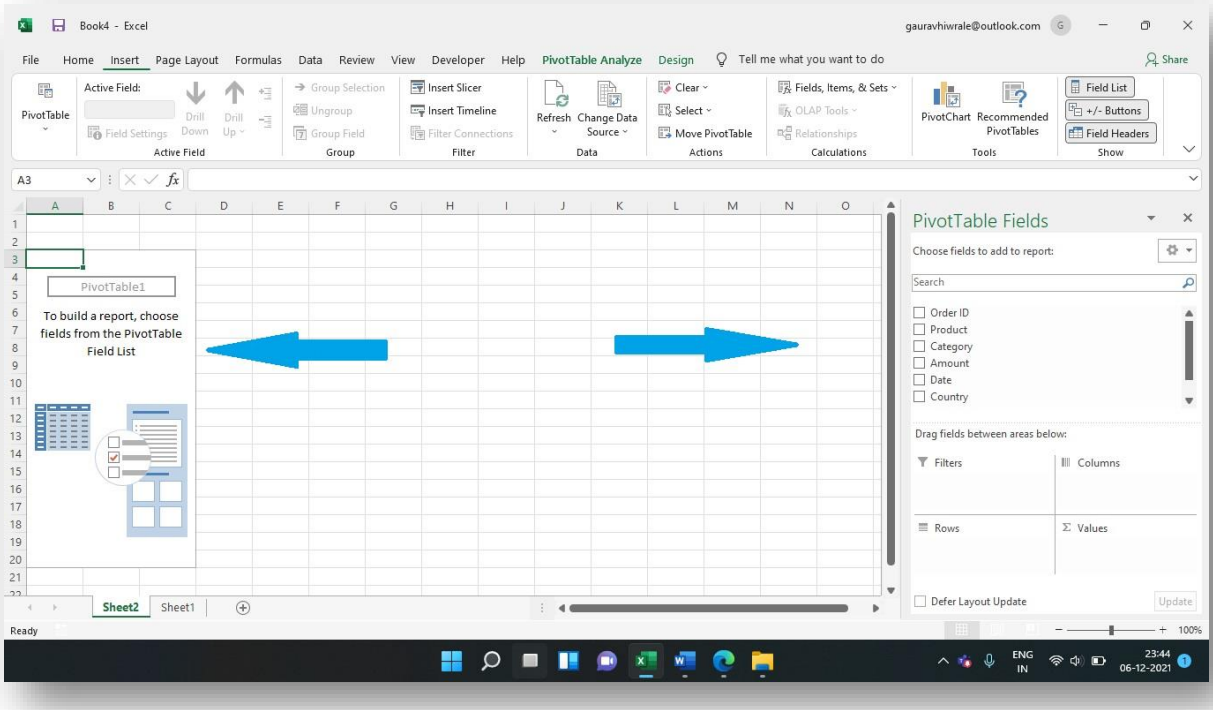
4. In that select a destination where you have to create a pivot table. Choose the new worksheet option in the create pivot table dialog box.



5. Then press OK to see the result.

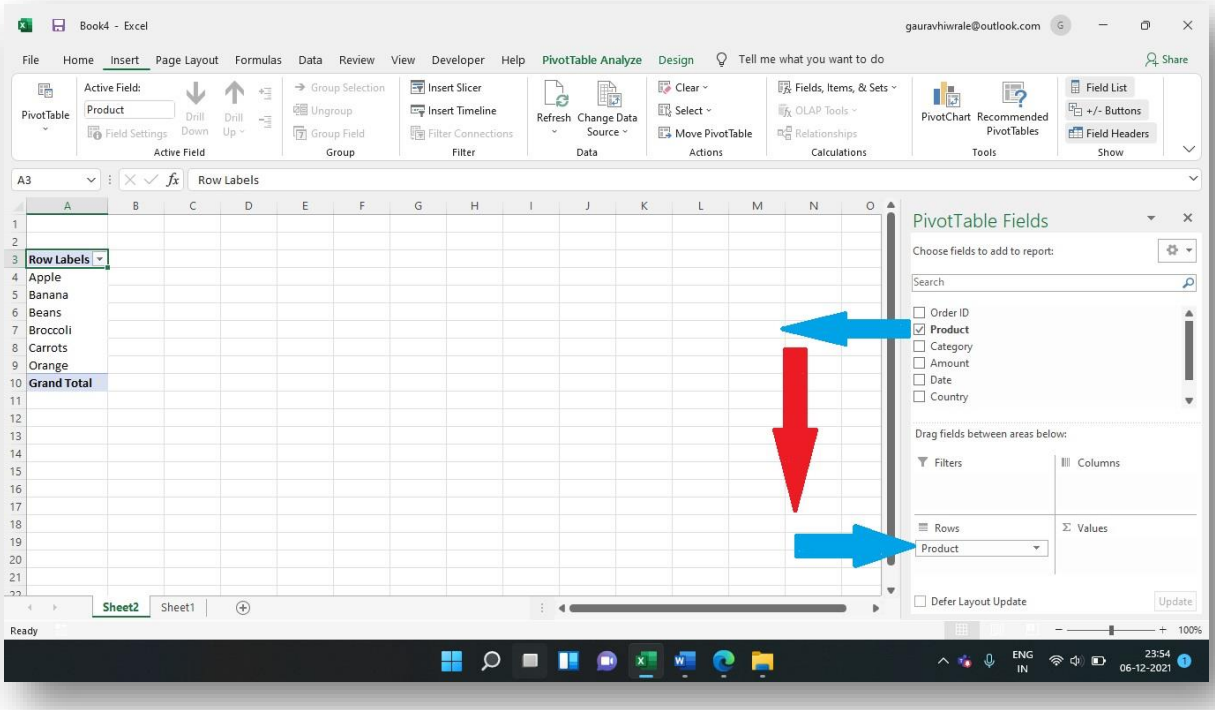


6. After you hit OK you will see a pivot table placeholder on the left side, a pivot table field list on the right side and two contextual tabs to analyze and design pivot table will appear on ribbon.

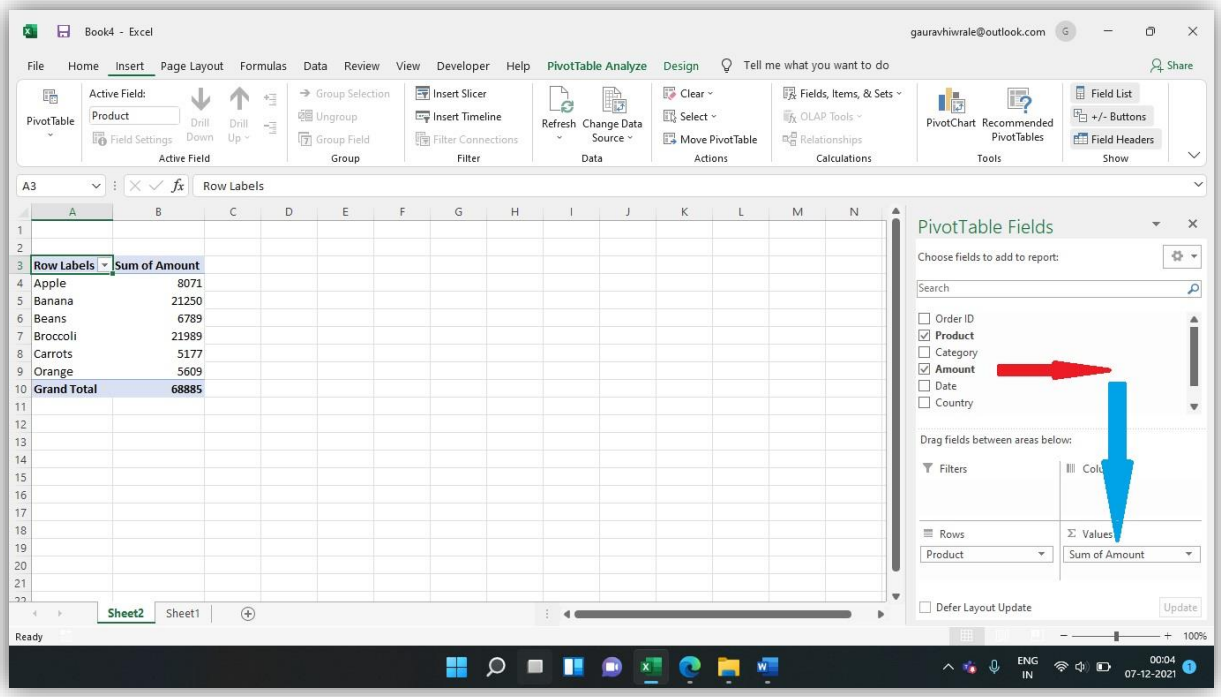


7. Now we have to create a pivot table by dragging the element.
   Drag fields:

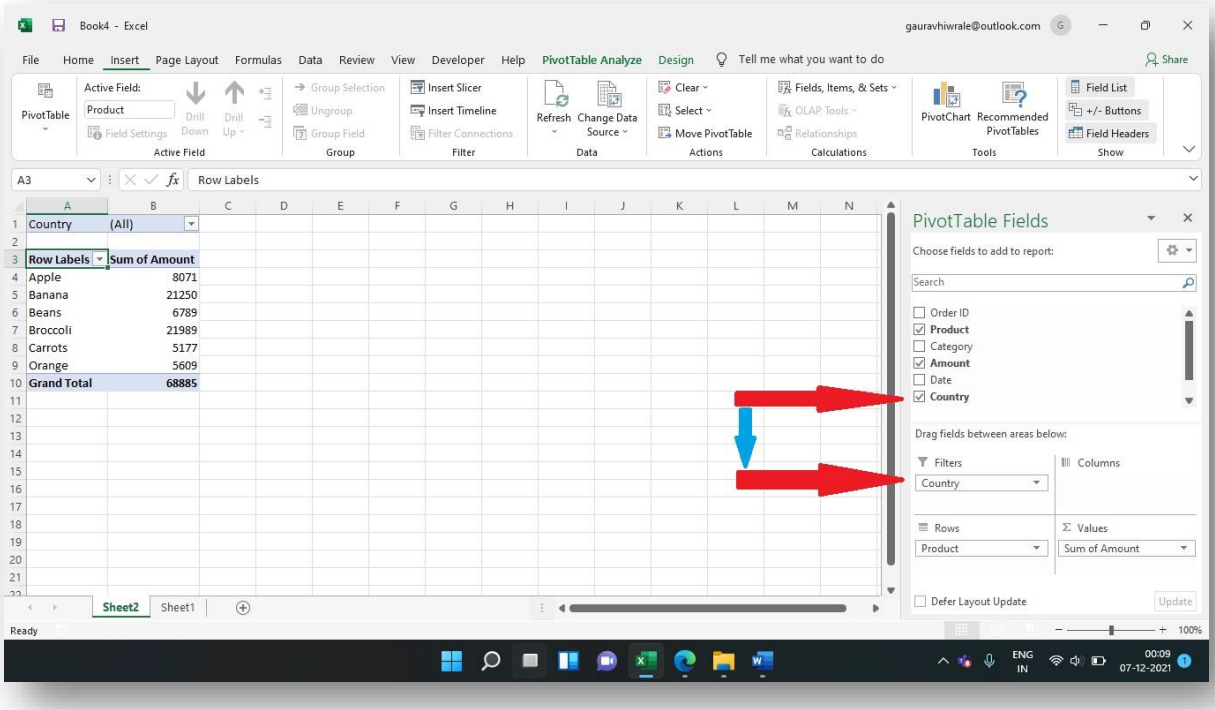
- The PivotTable Fields pane appears. To get the total amount exported of each product, drag the following fields to the different areas.
  1) Product field to the Rows area.



  2) Amount field to the value area.

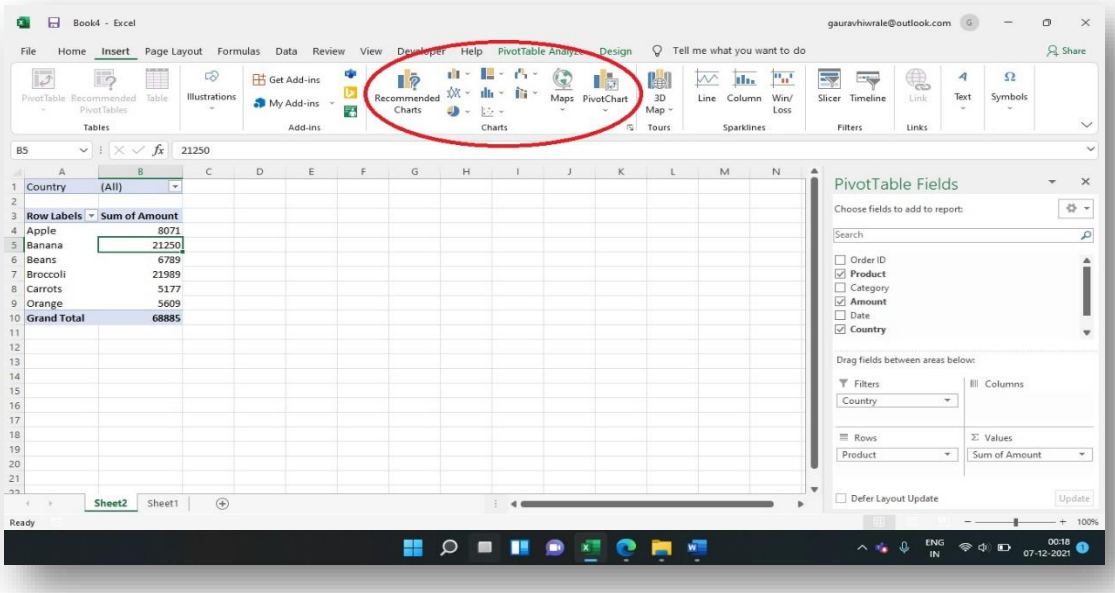


3) Country field to filters area.



To insert a pivot cart:

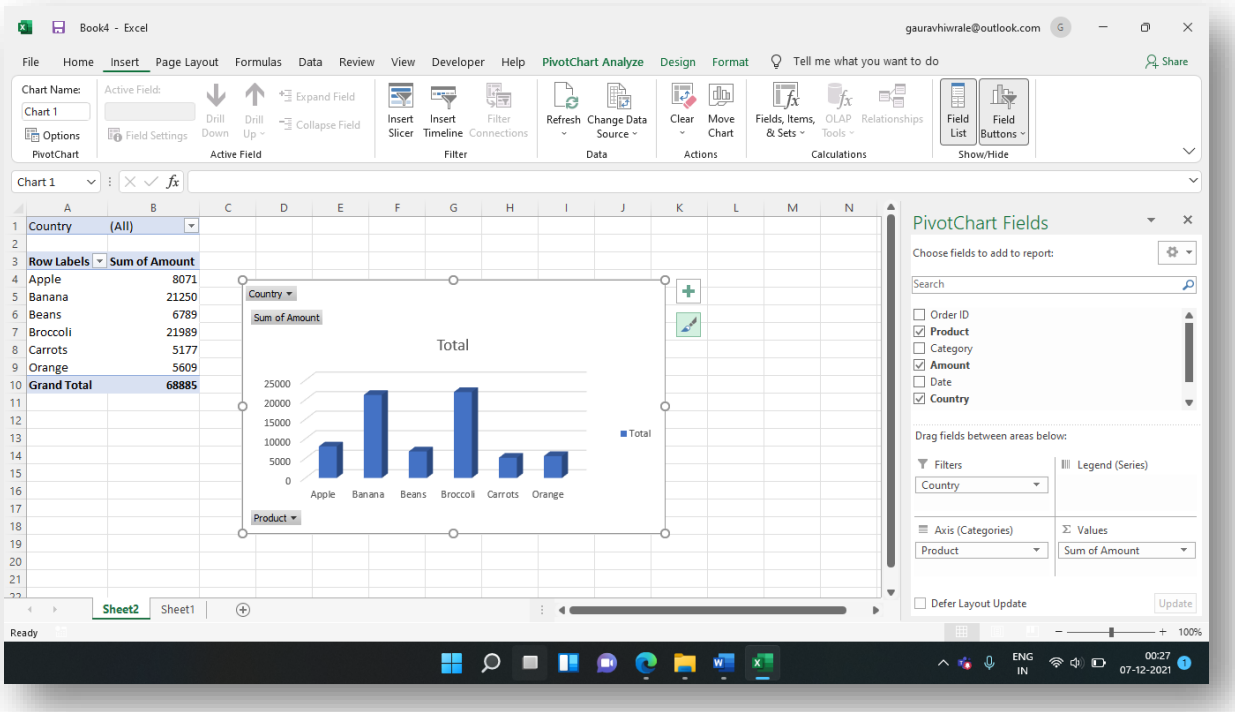
1) Click any cell inside the pivot table.
2) In Microsoft Office word 2007 click on insert tab and select any type chart.



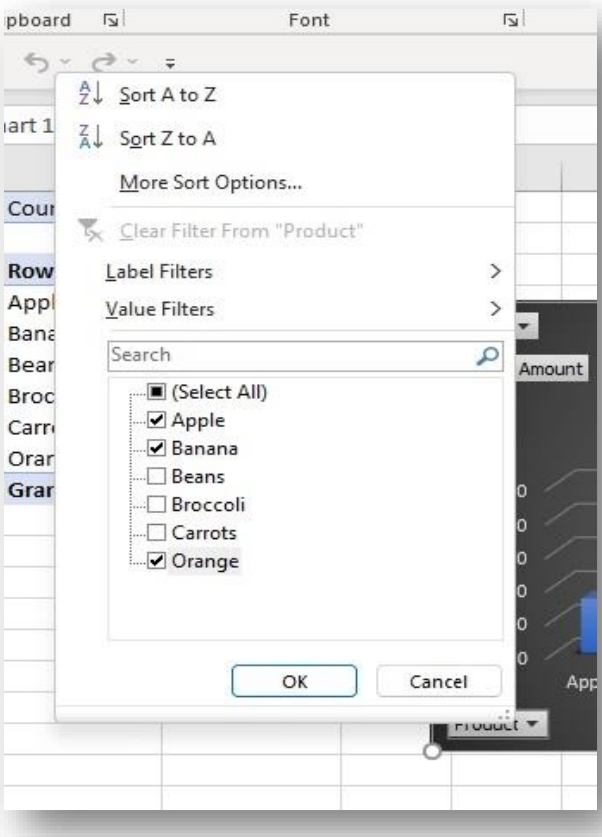
3) Will we represent in the two types of charts.
   a) Column chart
   b) Pie chart

4) For column chart

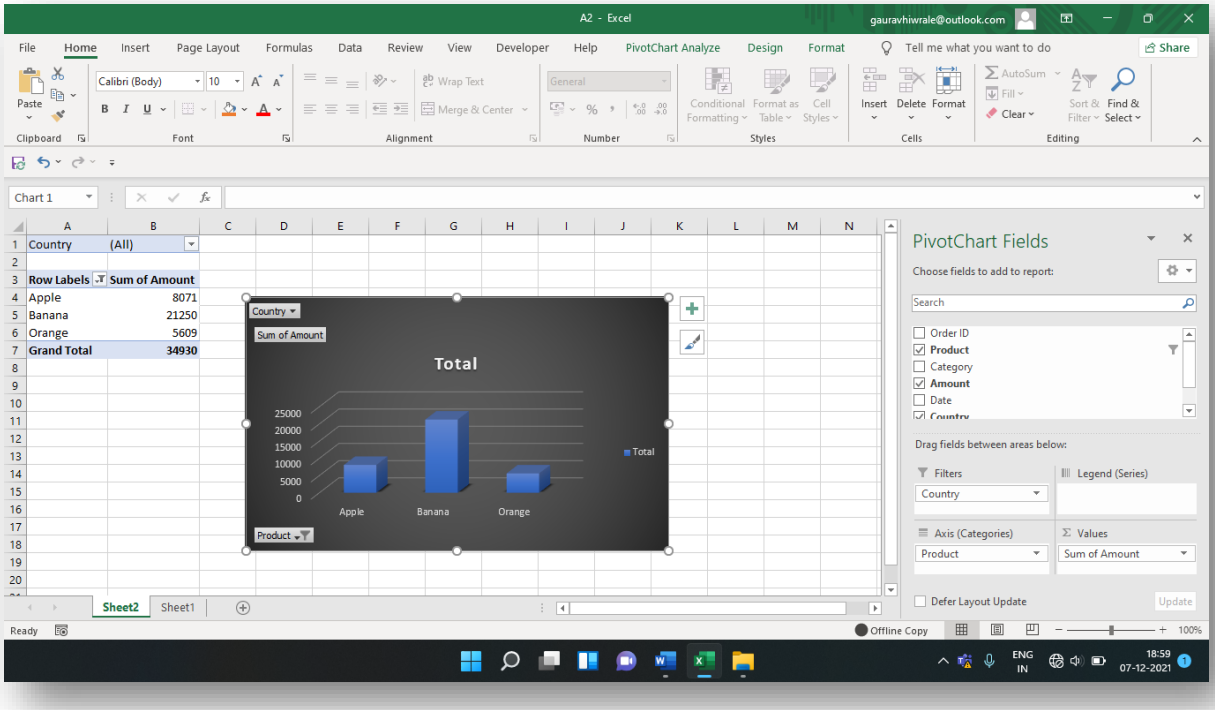
1. Click on any cell and , go to insert tab, select column chart and in that select the type you want.
2. After clicking you will see the result shown below:



3. Now we will select fruits in report filter apple, banana and orange in axis field.

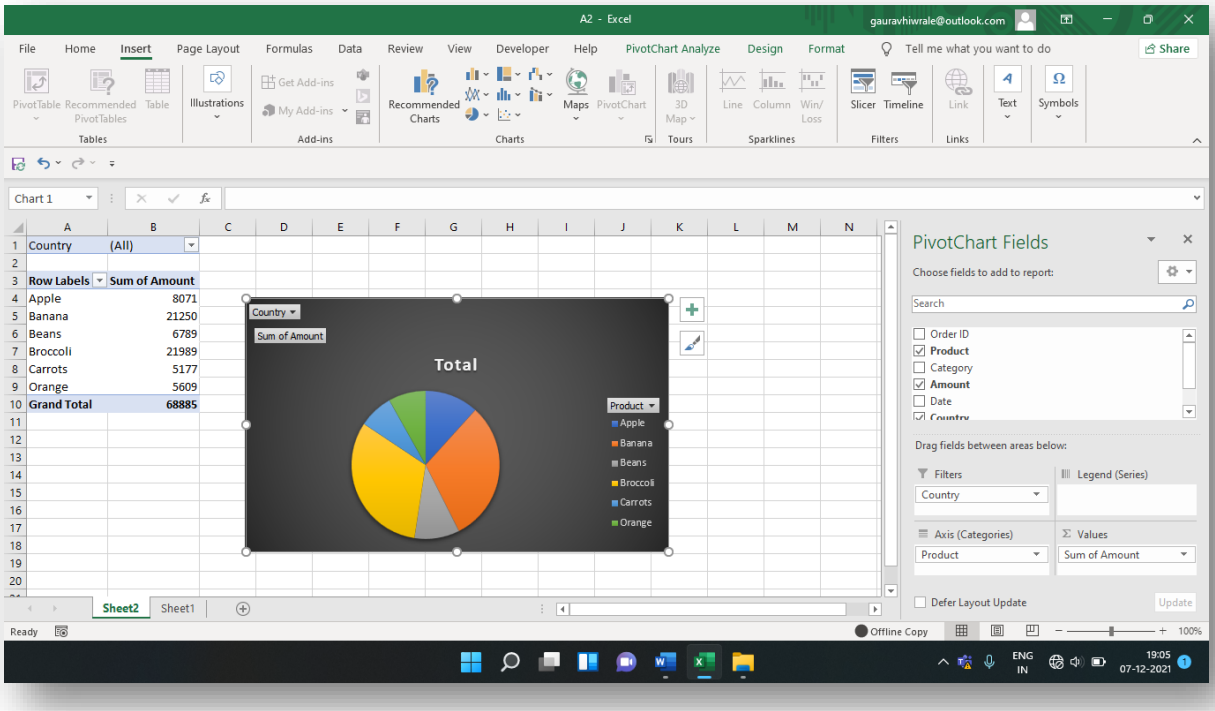


4. After selecting the result will as follows:



5) For pivot charts

1. For inserting pie chart we need to follow same procedure.
2. After following the procedure the result will look like:



- **Discussion and conclusion:**

  After performing this practical we can use pivot chart to make our presentation more creative and interactive. We can convert large in comprehensible data into understandable data using pivot chart. It help us to put forth our presentation in more easier way.

- **Assessment details:**

Data of lab conducted	**Data of Evaluation**	**Grade**	**Sign & Remark (if any)**