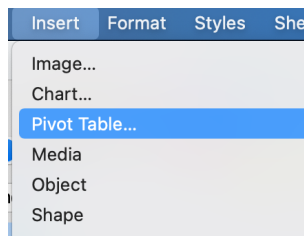# English Scores Part 2

Using a pivot table to answer these questions.
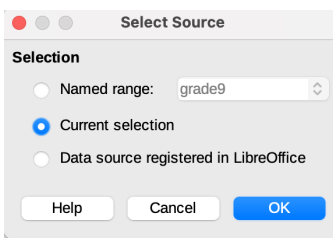
1. Did class_1 do better than class_2?
2. Did the girls get better marks than the boys?
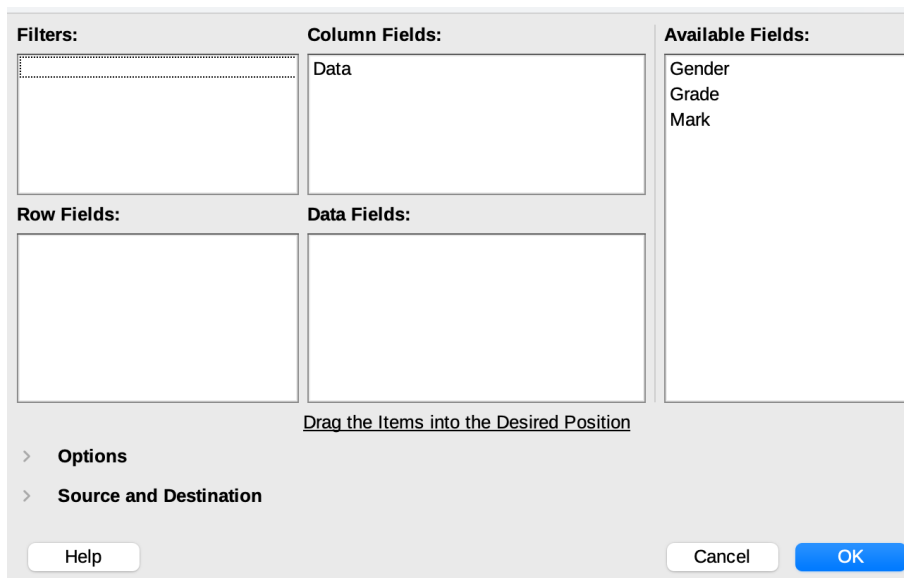
Making a Pivot Table

1. Click on a cell that has the english marks data e.g. C3

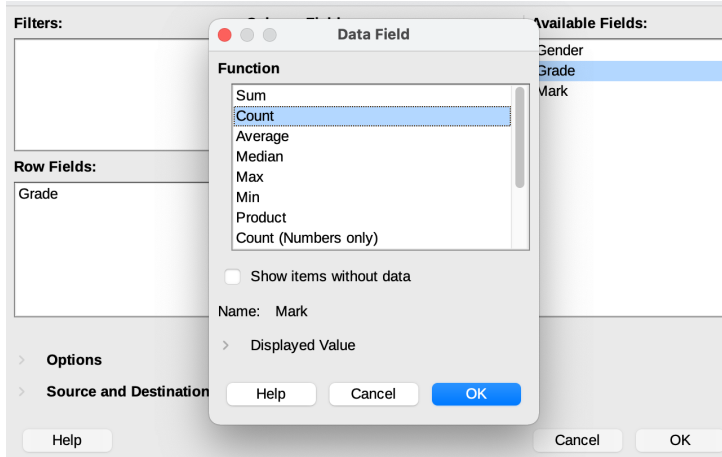
2. Then Insert -> Pivot Table

3. Choose Current selection.
4. You will now see this

5. Now you can use the Pivot tble to calculate
   a. The number of students in each class
   b. The average mark for each clas

      c.   The average score for males and females.

6. To find the number of students in each class do this
    a. Drag Grade in the **Row Field box**
    b. Drag Mark into the **Data Fields box**
    c. Double click on **Sum - Mark** to change it to **Count - Mark**.

7.
8. Click on OK and then click OK again to see this pivot table.

	A	B
1	Grade ▼	Count - Mark
2	Class_1	54
3	Class_2	58
4	**Total Result**	**112**

9. You can make a Chart by clicking on a cell in the pivot table and then using **Insert -> Chart**.
    a. Choose Column Chart
    b. Click on Next to add a title
    c. Click on Finish.

Numbers in each class
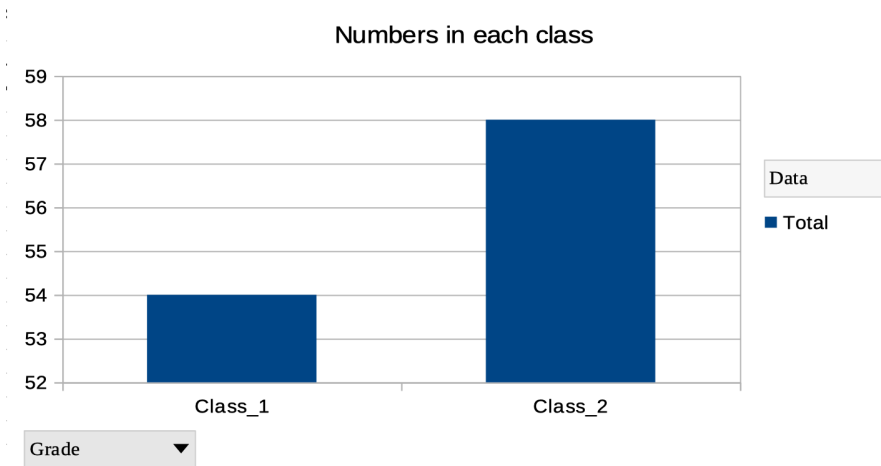
10. Grade ▼
11. Now you can easily add the numbers for gender as well.
    a. Click on any cell in the pivot table

b. Right click and edit the table
c. Drag Gender into the **Column Fields** box

Filters:	Column Fields:	Available Fields:
	Data Gender	Gender Grade Mark
Row Fields:	**Data Fields:**	
Grade	Count - Mark	

Drag the Items into the Desired Position

> **Options**

> **Source and Destination**

<table>
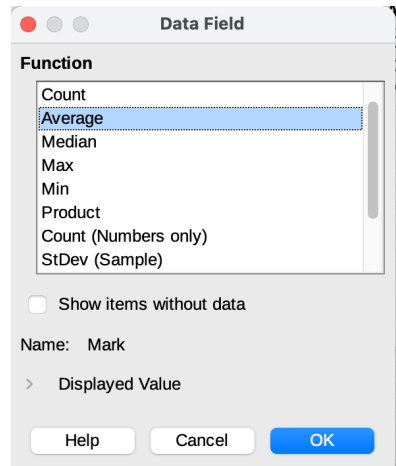<tr><td>Help</td><td></td><td>Cancel</td><td>OK</td></tr>
</table>
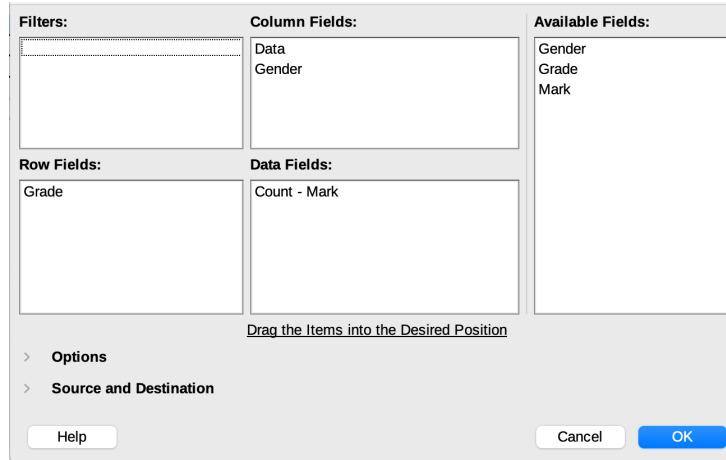
d. Click on OK
12. The pivot table and the chart now show the new data.
13. Now let's look at the average mark for the classes and genders.
    a. Click in the pivot table
    b. Right click to edit the table.
    c. In the **Data Fields** box double click on **Count - Mark** and change it to **Average -**

Data Field

Function

Count
Average
Median
Max
Min
Product
Count (Numbers only)
StDev (Sample)

☐ Show items without data

Name: Mark

> Displayed Value

Help	Cancel	OK

Mark

d. Click on OK and OK again
14. Change the format of the numbers
    a. Select all the numbers in the pivot table

    b. Format as number
15. Change the title of the chart by clicking on it and change it to to **Average Marks by Class and Gender**.
16. You can now answer the questions at the top of the page.