

Power View



The Power View add-in allows you to define visually attractive summaries of your worksheet with special emphasis on the variables that you require.

With a separate tab, you have the option to view data in the way that best suits you. After defining the relevant power fields, Power View extracts the information from the selected worksheet to give you a complete overview with respect to the viewing filters specified.

Moreover, you can choose a new theme, background, transparency, pictures and other content with the freedom to insert, modify, arrange and analyze relationships, effectively

- 1) Select the data,
- 2) Click on Insert tab
- 3) Click on Power View option
- 4) You can see the following images power view look with Field list with data

Make use of filter button which is right side to this data, it will allow you to filter the data as per your wish with the help of all the column fields

You can make use of the field list to see various calculations like sum, min, max, average and more.

And by using salary parameter you can check see the data according to your selected range. This is the entire look of Power View option.

Power Pivot

Power Pivot 2016 in Excel 2016 is an add-in we can use to perform powerful data analysis in Excel 2016. The add-in is built into Excel 2016 but it is not enabled.

To enable the power Pivot: -

- 1) Go to File tab → option →
- 2) Add-Ins
- 3) In the manage box, click on Com Add-ins
- 4) Go

Check the Microsoft office Power Pivot in COM AddIns box.

After 2016 versions, Power Query and Power Pivot are built-in.
You can add the Power Pivot tab in Ribbon.

In both Excel and in Power Pivot, you can create a Data Model, a collection of tables with relationships. The data model you see in a workbook in Excel is the same data model you see in the Power Pivot window. Any data you import into Excel is available in Power Pivot, and vice versa.

Data Model is collection of tables and their relationships that reflects the real-world relationships between business functions and processes, for example, how Products relates to Inventory and Sales.

Data Model allows you:

- ☑ We can have more than one table in your pivot table field list
- ☑ We can build the relationships between tables based on one common field so you do not use Vlookup
- ☑ Data model enables power view.

Creating pivot table use power pivot

We have four data in four different sheets: city detail, customer, order and order details and need to create report city wise total quantity sold.

So we need to follow the following steps:

Select the data

- 1) Home Tab
- 2) Styles group
- 3) Format as table
- 4) Click on Design tab
- 5) Properties group give name to the table

- 1) Select Power Pivot Tab
- 2) Tables Group
- 3) Add to Data Model
- 4) So all the table will get added to Data model

3) Define the Relationship

- 1) Home Tab in Power Pivot view
- 2) Select diagram view from view tab
- 3) Then drag and drop common field to create the link between two table
- 4) Select data view in view tab
- 5) Click on pivot table on Home tab
- 6) Create the pivot table
- 7) Choose the field from the table (Active and all)
(Table with black border means they are linked with some other table)
- 8) Select city name from city detail
- 9) And quantity from order detail