

Data Aggregation



Learning Objectives

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- Aggregating data using Python
- Calculated fields
- Slicers

Pivot Table in Excel

A pivot table allows you to extract the significance from a large, detailed data set.

- It can be used as a Data aggregating function.
- We can create new table using pivot.

Steps to make a Pivot Table

- Select any data cell from the table.
- In insert tab hit PivotTable
- By default you will get a blank pivot table in new sheet.
- Drag fields in row, columns, values and filter area. (Columns for 2d pivot)
- To Sort the table right click any cell and hit sort button.
- Click the filter drop-down for filtering.

Pivot Table in Excel

Value Field setting can also be used for making changes in functions on values.

We have many different types of to choose from –

- Sum
- Count
- Average
- Max
- Min
- Std
- Var, etc

Calculated fields in Excel

A calculated field is calculated from the values of another field.

Steps to make a Pivot Table

- Select any data cell from the pivot table.
- In PivotTable Analysis tab hit Fields, Items & Sets
- Select Click Calculated Field
- Enter name , Type formula , click Add

Slicers in Excel

It is used to quickly and easily filter pivot tables.

- Steps to make a Slicers
 - In analyse tab hit Slicer
 - Select the parameter on the basis of which you want to slice.

The End