

Smart Pivot Table Generator

Export to excel **Smart Pivot Table Generator** Welcome Logout

Change theme : Blue

Columns:

	1994	1995	1996
Ireland	3	12	4
Italy	3	13	12
Mexico	8	12	7
Norway	0	3	3
Poland	0	2	
Portugal	3	8	
Spain	6	4	
Sweden	4	16	
Switzerland	2	9	
UK	7	28	
USA	17	63	
Venezuela	6	19	
Grand total	120	391	

Smart Pivot Table Generator

Admin

.....


Login

Table of Contents

1. Installation	2
2. Getting Started.....	3
2.1. Connect	3
2.2. General Settings.....	4
2.3. Column Labels	4
2.4. Row Labels	6
2.5. Values.....	8
2.6. Table Relationships	9
2.7. Pagination	10
2.8. Reset Your Password.....	10

1. Installation

Please follow the following steps to complete installation:

- 1) Upload the contents of the "MPT" folder to a new or empty folder on your server. This is now referred to as the "installation directory".
- 2) if your database includes confidential data, it is recommended that you protect the installation directory with a password. This can be easily accomplished from your own hosting control panel. Instructions for password protecting your directories can be found at the following link:
<http://docs.cpanel.net/twiki/bin/view/AllDocumentation/CpanelDocs/PasswordProtectDirectories>
- 3) Give 755 permission to the Reports folder "/MPT/tables/"
- 4) Browse to the index page of the SMART PIVOT TABLE GENERATOR at: <http://your-server-name/path-to-the-MPT-Folder/MPT/>
- 5) You should find a login page and a "sign up" link at the bottom. Please click the "sign up" link to create your software admin profile
 Please note that only one software admin profile is allowed. Once you create the admin profile, the "sign up" link should disappear from the login page. The software admin has the privilege to access all generated pivot tables and create new ones. Once you log in, you can change your admin information through the "Profile" page.
- 6) Once you login please delete the sign up page (**very important step for security reasons**)
- 7) Watch the video tutorial file (Tutorial.mp4) which is included with this product package (recommended):

2. Getting Started

2.1. Connect

In this section, you should enter the connection parameters for the database you intend to use when generating your Pivot table.

- Server name or IP address
- User name and password

⚠ Alert: Please note that only the "Select" permission is required for the user name.

Additional permissions are neither recommended nor required. Instructions for defining privileges in a MySQL database through Cpanel could be found [here](#)

- Database: the database that you intend to use when creating your report.

The screenshot shows a web-based interface for managing database connections. At the top, there are two tabs: 'Manage tables' (with a gear icon) and 'Profile' (with a person icon). Below these are three buttons: 'DB Connection' (with a plug icon), '+ Create new table', and 'Existing tables' (with a list icon). A red-bordered alert box contains the text: '⚠ Alert: Please create database Connection before making table setting.' Below the alert, there are four input fields: 'Host name / IP :' with the value 'localhost', 'User :' with the value 'Admin', 'Password :' with masked characters '.....', and 'Database :' with the placeholder text 'Database Name Here'. At the bottom of the form are two buttons: 'Connect' and 'Disconnect'.

2.2. General Settings

In this section you can define the following settings:

- ☐ Title : Name of the pivot table

The screenshot shows a software interface for configuring a pivot table. At the top, there are three tabs: 'DB Connection', '+ Create new table', and 'Existing tables'. Below the tabs is a yellow status bar with an information icon and the text 'Status: Connected'. The main area is titled 'General Settings' and contains three fields, each with a red asterisk icon:

- Title :** A text input field containing 'Annual sales per country'.
- Protected :** A dropdown menu with 'True' selected.
- Is numeric :** A dropdown menu with 'True' selected.

- ☐ Protected: This option means whether or not you want your generated pivot table to be password protected. Please note that if you choose to make your pivot table password protected, then only the software administrator/owner (the one who has the access to log in) will be able to access it. When the user with access logs in to access the pivot table, they will be able to see the "Manage tables" icon, by which all other pivot tables are accessible and they can also create new pivot tables


2.3. Column Labels

In this section you need to define what should appear in the "Column labels" area – these are the headers of the pivot table.

	1994	1995	1996
Brazil	10	38	35
Canada	2	19	9
Denmark	2	10	6
Finland	4	12	6
France	14	36	27
Germany	22	58	42
Ireland	3	12	4
Italy	3	13	12
Norway	0	3	3
Poland	0	2	5
Grand total	120	391	318

You need to specify:

- The name of the database table and column that stores the data you want to list in the headers
- Other names you might want to give to your columns instead of their original SQL names (Optional).
- If the selected columns store date values, you will have the option to select to display the month or the year from those date values. If no option is selected, the complete date should appear in the pivot table.

 The columns of the table are dynamic. These dynamic columns are converted from certain rows from one of your MySQL database tables.

DB Connection + Create new table Existing tables

General Settings

Column Labels

* Table :
orders

* Field :
OrderDate

Alias :

Function :
Year

2.4. Row Labels

In this section you need to define what should appear in the "Row labels" area – these are the row headers of the pivot table.

Row Labels	Values	Column Labels	
	1994	1995	1996
Brazil	10	38	35
Canada	2	19	9
Denmark	2	10	6
Finland	4	12	6
France	14	36	27
Germany	22	58	42
Ireland	3	12	4
Italy	3	13	12
Norway	0	3	3
Poland	0	2	5
Grand total	120	391	318

You need to specify:

- ❑ The name of the database table and column that stores the data you want to list in the row headers
- ❑ Other names you might want to give to your row headers instead of their original SQL names (Optional)

The screenshot shows a software interface for creating a new table. At the top, there is a navigation bar with three buttons: "DB Connection", "+ Create new table", and "Existing tables". Below the navigation bar, there are three stacked panels: "General Settings", "Column Labels", and "Row Labels". The "Row Labels" panel contains three input fields: "Table :" with a dropdown menu showing "orders", "Field :" with a dropdown menu showing "ShipCountry", and "Alias :" with an empty text input field.

2.5. Values

In this section you need to define what should appear in the "Values" area of the pivot table.

	1994	1995	1996
Brazil	10	38	35
Canada	2	19	9
Denmark	2	10	6
Finland	4	12	6
France	14	36	27
Germany	22	58	42
Ireland	3	12	4
Italy	3	13	12
Norway	0	3	3
Poland	0	2	5
Grand total	120	391	318

You need to specify:

- The name of the database table and column that stores the data that you want to list in the "values" area, which is the body of your pivot table
- The Smart Pivot table generator gives you the ability to list data exactly as they are in your database or to further process them with a mathematical function. For example, you can create a pivot table for the average sales per department.

Row Labels
Values
✦ Table : orders ▼
✦ Field : OrderID ▼
Function : Count ▼
Relationships

2.6. Table Relationships

This section should be used to define table relationships if your data is stored in separate tables. You shouldn't see this section at all if the MySQL Table in the "Column Labels", "Row Labels" and "Values " area is the same table. You need to define the parent table, primary key, child table and the foreign key.

If your data is stored in two tables with a many-to-many relationship (a Join table is used), you will need to define the relationship between each one of your two tables and the Join table.

Relationships

Left table : Right table : ?

Left field : Right field :

2.7. Pagination

This option enables you to split your pivot table into several pages and easily navigate between them. Pagination shouldn't be used unless you have a really huge number of columns or rows.

2.8. Reset Your Password

There are two options for resetting your password:

- 1) Select the "Change password" option from the "Profile" section
- 2) Edit the security file in case you forgot the admin password.

To edit the security file, you need to follow these steps:

- 1) Open your browser and visit the following page: `/MPT/shared/enc.php`
- 2) On this page, please enter the Admin username, Admin email address and the new password that you want to use. The script will return the encrypted value of the new password. Copy the encrypted password.
Please note that this file won't add/replace anything in your profile, it should only return a hashed value of the new password using an advanced hashing mechanism.

- 3) Open the security file with any text editor (security file should be found at: `/MPT/shared/security.php`). In this file you should find a line that looks similar to the

Following:

```
$password = "some encrypted password";
```

- 4) Please replace the existing encrypted password with the newly copied encrypted password from step 2.