

Baseball mySQL DB



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Discussion

- This mySQL Database Application is for keeping track of Baseball Players and Statistics.
- This App is fairly easy to use as only data needs to be entered and then there are a number of SQL Calculations that take place.
- It is important to realize that if a calculation does not work then it probably due to a Null field and it requires the user to enter a 0 (Zero) in blank fields if it is a numeric field.
-

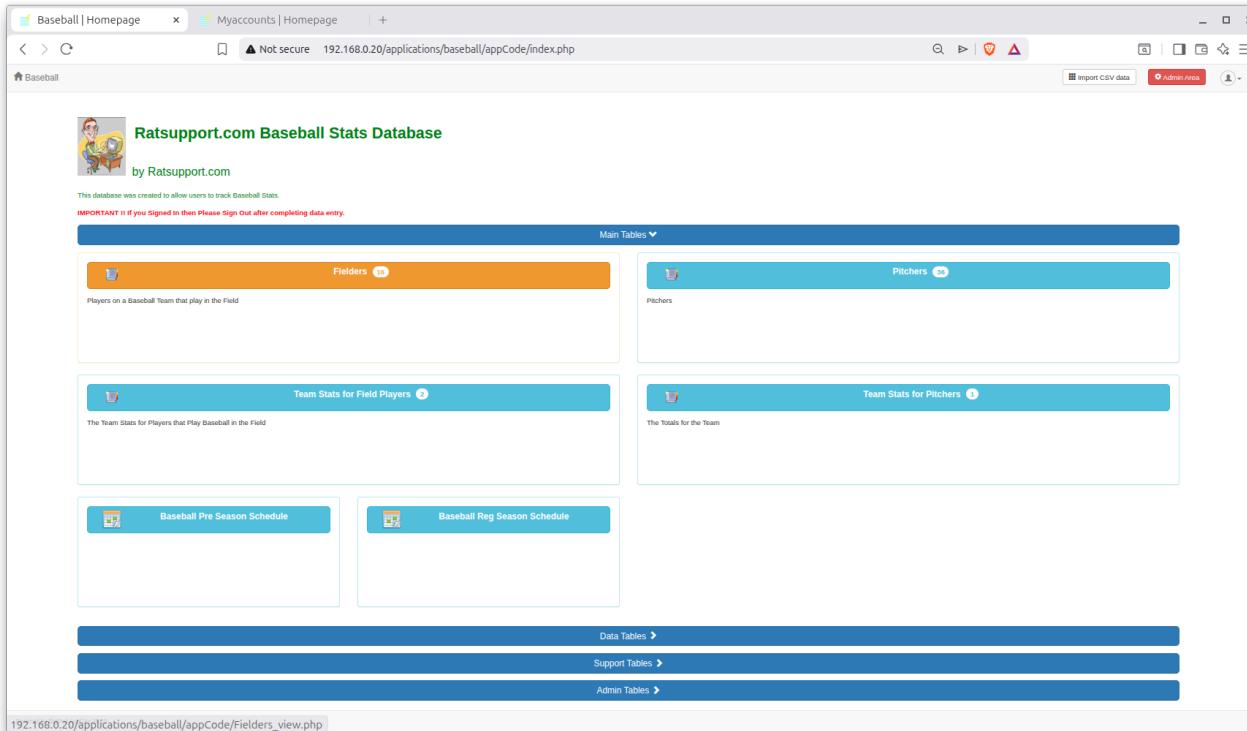
More Discussion

- This Publication will show you how the application is setup and how to use it.
- A mySQL DB is really setup with Tables and have Records that have Fields in them.
- Some Fields are Look Up fields and the user can lookup the data as necessary, putting in the first letter of the desired data can advance the choices.
- Upon completion of Data Entry it is necessary for the User to Left Click on the Green Save Changes Button.

Even More Discussion

- The Majority of the Data for this Application is made using the Main Tables like Fielders and Pitchers.
- There are a number of supporting Tables that the user usually does not need to use but you can access these Tables by Clicking on the Blue Group Button that the Table is a part of. There is an Admin Group that only Administrators have access to.

Main Page



Baseball | Homepage Myaccounts | Homepage +

Not secure 192.168.0.20/applications/baseball/appCode/index.php

Import CSV data Admin Area

Ratsupport.com Baseball Stats Database by Ratsupport.com

This database was created to allow users to track Baseball Stats.

IMPORTANT !! if you Signed in then Please Sign Out after completing data entry.

Main Tables

Fielders

Pitchers

Team Stats for Field Players

Team Stats for Pitchers

Baseball Pre Season Schedule

Baseball Reg Season Schedule

Data Tables

Support Tables

Admin Tables

192.168.0.20/applications/baseball/appCode/Fielders_view.php

This page shows the Main Tables Grouped, The Fielders, Pitchers, The Stats Tables for Pre and Regular Season.

The Schedule Calendars are both here for the Pre Season and Regular Season.

If you Left Click on one of the Table Buttons you will be taken to the Table View of that Subjects Data.

Fielders Table View

Baseball | Fielders Myaccounts | Homepage

Not secure 192.168.0.20/applications/baseball/appCode/Fielders_view.php

Baseball

Main Tables

- [Fielders](#)
- [Pitchers](#)
- [Team Stats for Field Players](#)
- [Team Stats for Pitchers](#)

Data Tables

- [Support Tables](#)
- [Admin Tables](#)

[Import CSV data](#)

Ratsupport.com Baseball Stats Database
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This database was created to allow users to track Baseball Stats.

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[Fielders](#)

Quick Search

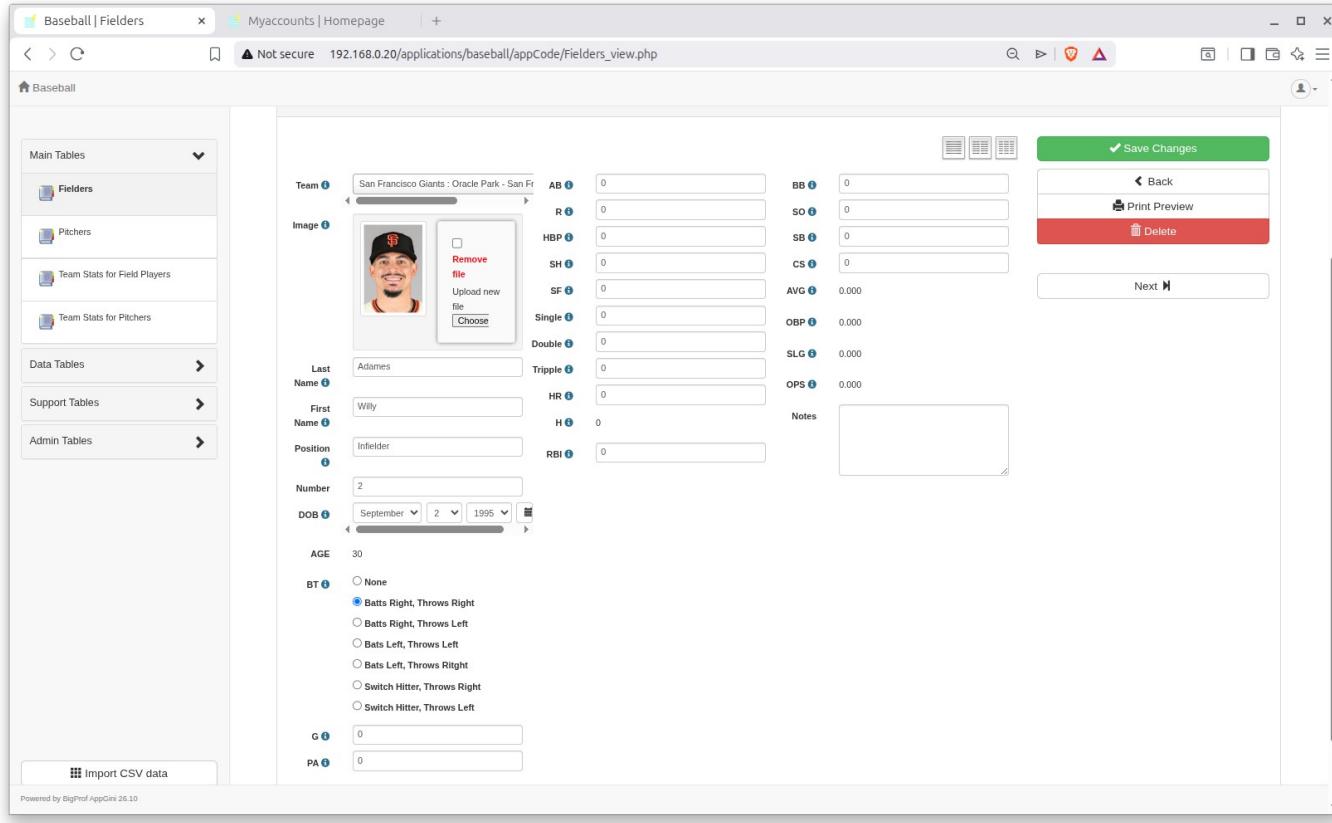
Add New Print Preview Save CSV Filter Show All

Team	Image	Last Name	First Name	Position	Number	DOB	AGE	BT	G	PA	AB	R	HBP	SH	SF	Single	Double	Triple	HR	H	RBI	BB	SO	SB	CS	Avg	OBP	SLG	OPS	Notes		
San Francisco Giants : Oracle Park - San Francisco, CA		Adames	Willy	Infelder	2	09/02/1995	30	Batts Right, Throws Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	0.000	0.000	0.000	0.000		
San Francisco Giants : Oracle Park - San Francisco, CA		Bailey	Patrick	Catcher	14	05/29/1999	26	Switch Hitter, Throws Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	0.000	0.000	0.000	0.000		
San Francisco Giants : Oracle Park - San Francisco, CA		Chapman	Matt	Infelder	26	04/28/1993	32	Batts Right, Throws Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	0.000	0.000	0.000	0.000		
San Francisco Giants : Oracle Park - San Francisco, CA		Devers	Rafael	Designated Hitter	16	10/24/1996	29	Bats Left, Throws Right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	0.000	0.000	0.000	0.000		
San Francisco Giants : Oracle Park - San Francisco, CA		Eldridge	Bryce	Infelder	78	10/20/2004	21		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.000	0.000	0.000	0.000	0.000		
San Francisco Giants : Oracle Park - San Francisco, CA		Encarnacion	Jerar	Outfielder	59	10/22/1997	28	Batts Right, Throws Right																								
San Francisco Giants : Oracle Park - San Francisco, CA		Fitzgerald	Tyler	Infelder	49	09/15/1997	28	Batts Right, Throws Right																								
San Francisco Giants : Oracle Park - San Francisco, CA																																

This is the Table View of the Data for Fielders and has Data of the SF Giants Fielders.

The Blue Data is Left Clickable that would take you to the Detail View of that Player and then you would be able to Enter, Edit and even Delete data and records.

Fielders Detail View



The screenshot shows a web-based application window titled "Baseball | Fielders". The URL is "192.168.0.20/applications/baseball/appCode/Fielders_view.php". The left sidebar contains a "Main Tables" section with "Fielders" selected, and "Pitchers", "Team Stats for Field Players", and "Team Stats for Pitchers" listed. Below that are "Data Tables", "Support Tables", and "Admin Tables". At the bottom is a "Import CSV data" button. The main content area displays a form for a fielder named Adams, with a profile picture of a baseball player. The form includes fields for Last Name (Adams), First Name (Willy), Position (Infielder), Number (2), DOB (September 2, 1995), AGE (30), and BT (Bats Right, Throws Right). There are also fields for AB, R, HBP, SH, SF, Single, Double, Triple, HR, H, and RBI, all set to 0. Below these are BB, SO, SB, CS, AVG, OBP, SLG, and OPS, all set to 0.000. A "Notes" text area is empty. On the right, there are buttons for "Save Changes" (green), "Back", "Print Preview", "Delete" (red), and "Next".

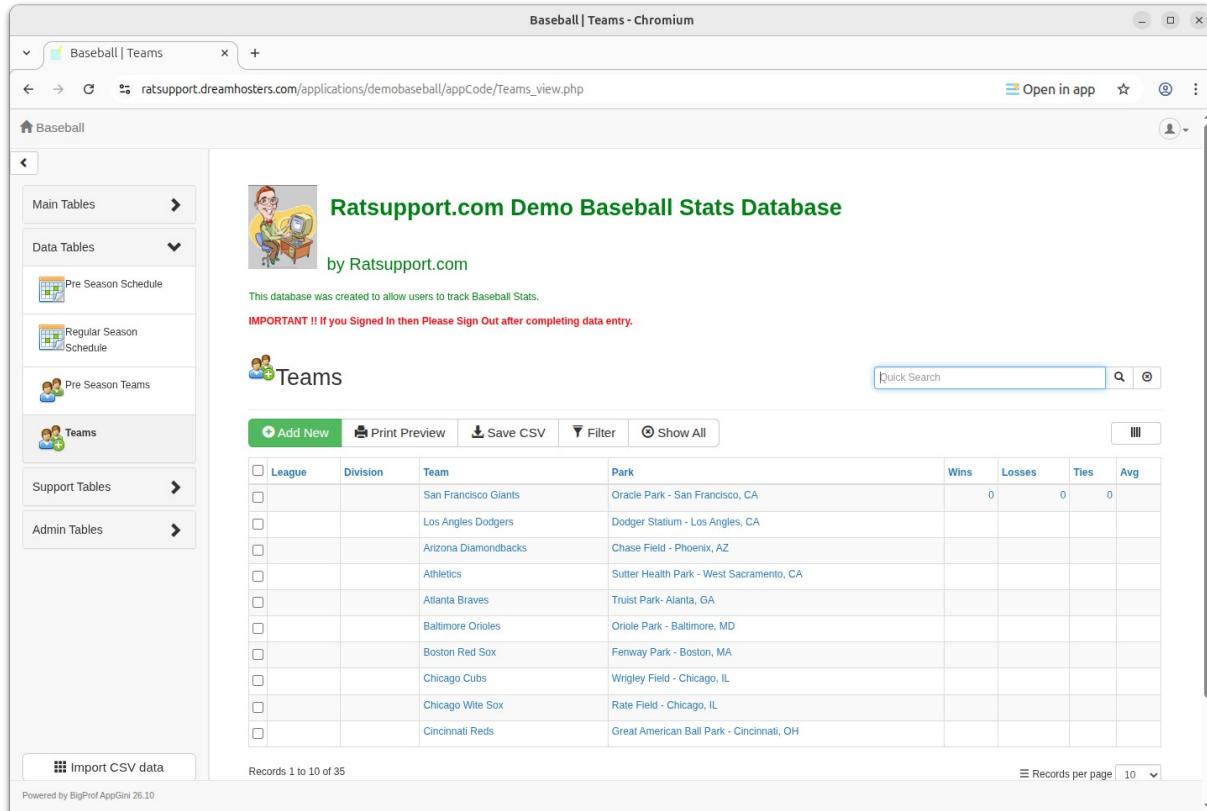
This Detail View of the Data for this Player gives the user the chance to enter and edit Data if they have the permission.

Be sure to hit the Save Changes Green Button.

Notice a Menu to other tables in the App to the Left of the Window.

Please note the small blue dots with an I in the middle. By clicking these Blue Dots further information about that field will be displayed.

The Power of Filters



The screenshot shows a web browser window titled "Baseball | Teams - Chromium". The URL is "ratsupport.dreamhosters.com/applications/demobaseball/appCode/teams_view.php". The page is titled "Ratsupport.com Demo Baseball Stats Database" and is created by Ratsupport.com. It states that the database allows users to track baseball stats. An important note says "IMPORTANT !! If you Signed In then Please Sign Out after completing data entry." The main content is a table titled "Teams" with the following columns: League, Division, Team, Park, Wins, Losses, Ties, and Avg. The table lists 10 entries, all from the National League West Division:

League	Division	Team	Park	Wins	Losses	Ties	Avg
		San Francisco Giants	Oracle Park - San Francisco, CA	0	0	0	
		Los Angeles Dodgers	Dodger Stadium - Los Angeles, CA				
		Arizona Diamondbacks	Chase Field - Phoenix, AZ				
		Athletics	Sutter Health Park - West Sacramento, CA				
		Atlanta Braves	Truist Park - Atlanta, GA				
		Baltimore Orioles	Oriole Park - Baltimore, MD				
		Boston Red Sox	Fenway Park - Boston, MA				
		Chicago Cubs	Wrigley Field - Chicago, IL				
		Chicago White Sox	Guaranteed Rate Field - Chicago, IL				
		Cincinnati Reds	Great American Ball Park - Cincinnati, OH				

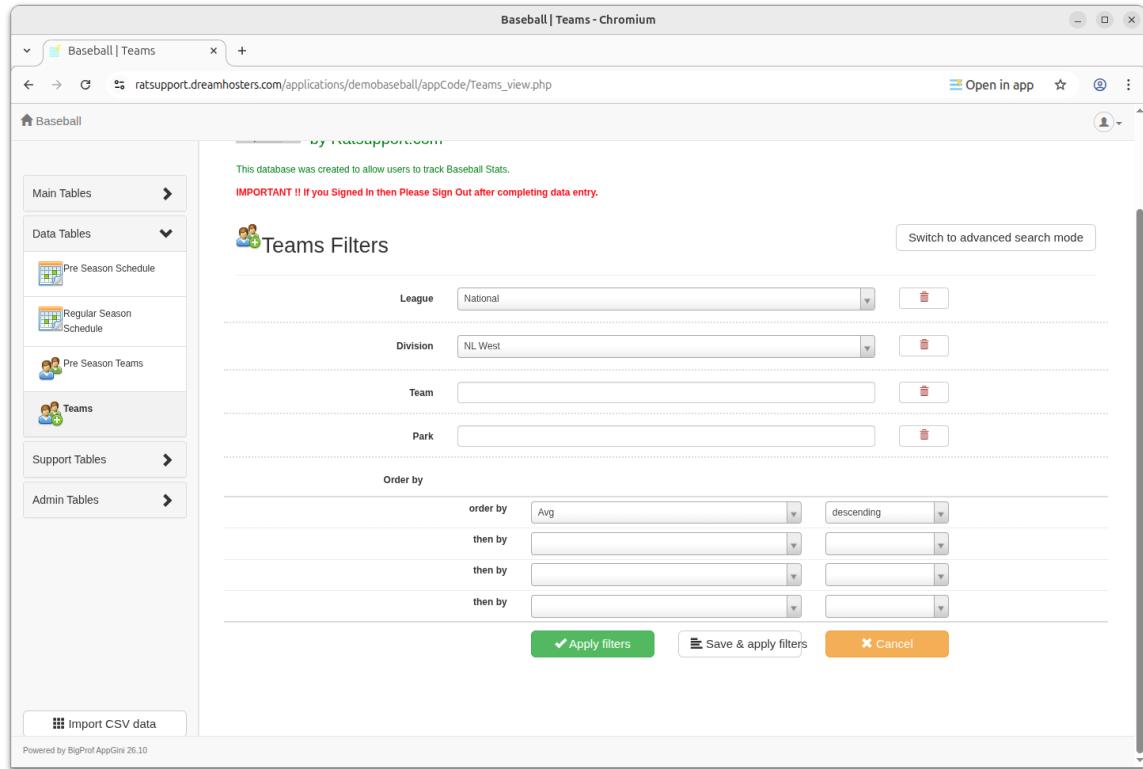
At the bottom, there are buttons for "Add New", "Print Preview", "Save CSV", "Filter", and "Show All". The "Filter" button is highlighted in green. The status bar at the bottom shows "Records 1 to 10 of 35" and "Records per page 10".

The Filters are one of the things that puts Database Applications way above Spreadsheets.

We start with the Teams Table. I am going to use a Filter to only look at the Teams in the MLB National League and the NL West Division.

By clicking on the Filter button we get to the next Slide.

The Filter



Baseball | Teams - Chromium
Baseball | Teams - Chromium
ratsupport.dreamhosters.com/applications/demobaseball/appCode/Teams_view.php
Main Tables
Data Tables
Pre Season Schedule
Regular Season Schedule
Pre Season Teams
Teams
Support Tables
Admin Tables
Import CSV data
Powered by BigProf AppGini 26.10

This database was created to allow users to track Baseball Stats.
IMPORTANT !! If you Signed In then Please Sign Out after completing data entry.

Teams Filters

League: National

Division: NL West

Team:

Park:

Order by

order by: Avg

then by:

then by:

then by:

✓ Apply filters

Save & apply filters

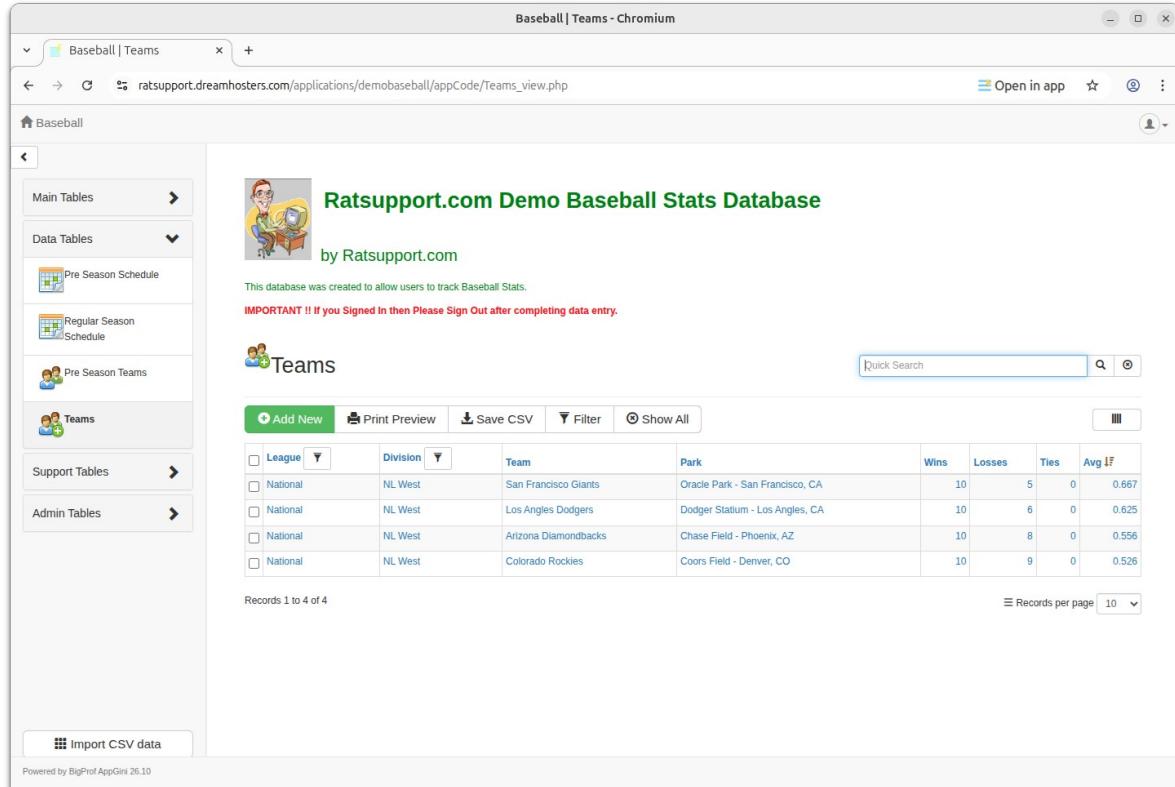
Cancel

In this application I am using the Appgini Plugin Search Page Maker which generates a Simple Search Filter. The user can switch to the Advanced Search Mode if they choose.

In this example I choose to use the drop down field for League (National) and the Division (NL West) and then selected the field Avg for the Order By. And set the variable to decending for the Filter.

By pressing the Green Apply Filter you get to the next slide.

The Result



Baseball | Teams - Chromium

Baseball | Teams

ratsupport.dreamhosters.com/applications/demobaseball/appCode/Teams_view.php

Open in app

Baseball

Main Tables

Data Tables

Pre Season Schedule

Regular Season Schedule

Pre Season Teams

Teams

Add New

Print Preview

Save CSV

Filter

Show All

Quick Search

Records 1 to 4 of 4

Records per page 10

League

Division

Team

Park

Wins

Losses

Ties

Avg

League	Division	Team	Park	Wins	Losses	Ties	Avg
National	NL West	San Francisco Giants	Oracle Park - San Francisco, CA	10	5	0	0.667
National	NL West	Los Angeles Dodgers	Dodger Stadium - Los Angeles, CA	10	6	0	0.625
National	NL West	Arizona Diamondbacks	Chase Field - Phoenix, AZ	10	8	0	0.556
National	NL West	Colorado Rockies	Coors Field - Denver, CO	10	9	0	0.526

Import CSV data

Powered by BigProf AppGiri 26.10

by Ratsupport.com

In this example you can see the Standings for the NL West division of the National League.

The Descending Order put the result with the Team with the best Win Percentage at the top and the Team with the worst Win Percentage at the bottom.

This filter could be used for the whole league. It is up to the user to decide.

Conclusion

- This Application is just showing the power of using a Database to track and work with Data.
- This application is Web Based and in this case the application is on a Demonstration Web Server.
- This application could also be used on a Windows machine running Xxamp or web server software (LAMP) on your linux machine.
- Linux, Apache 2, mySql or Marina DB and PHP language.

Happy Ending



I hope this Publication helped with your understanding of the use of the Baseball Statistics Application. Please feel free to [Contact Us](#) with your Questions, Comments or Suggestions.