

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.
-

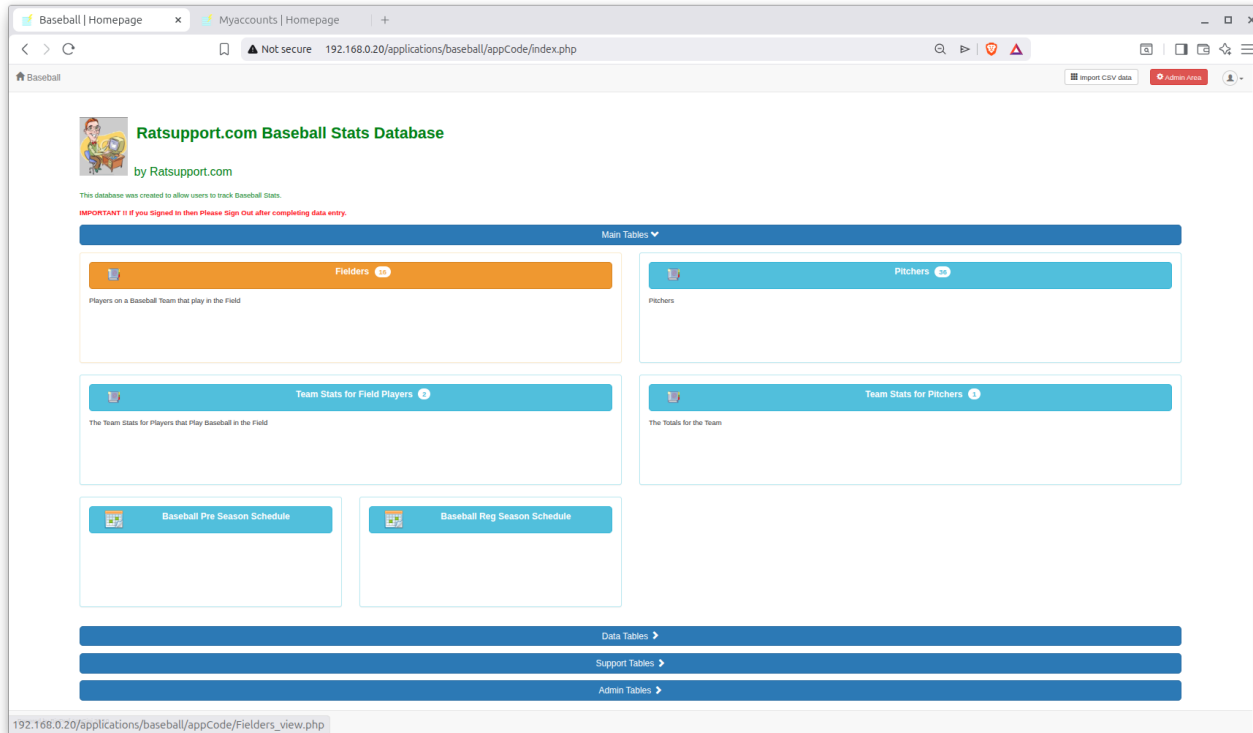
More Discussion

- 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

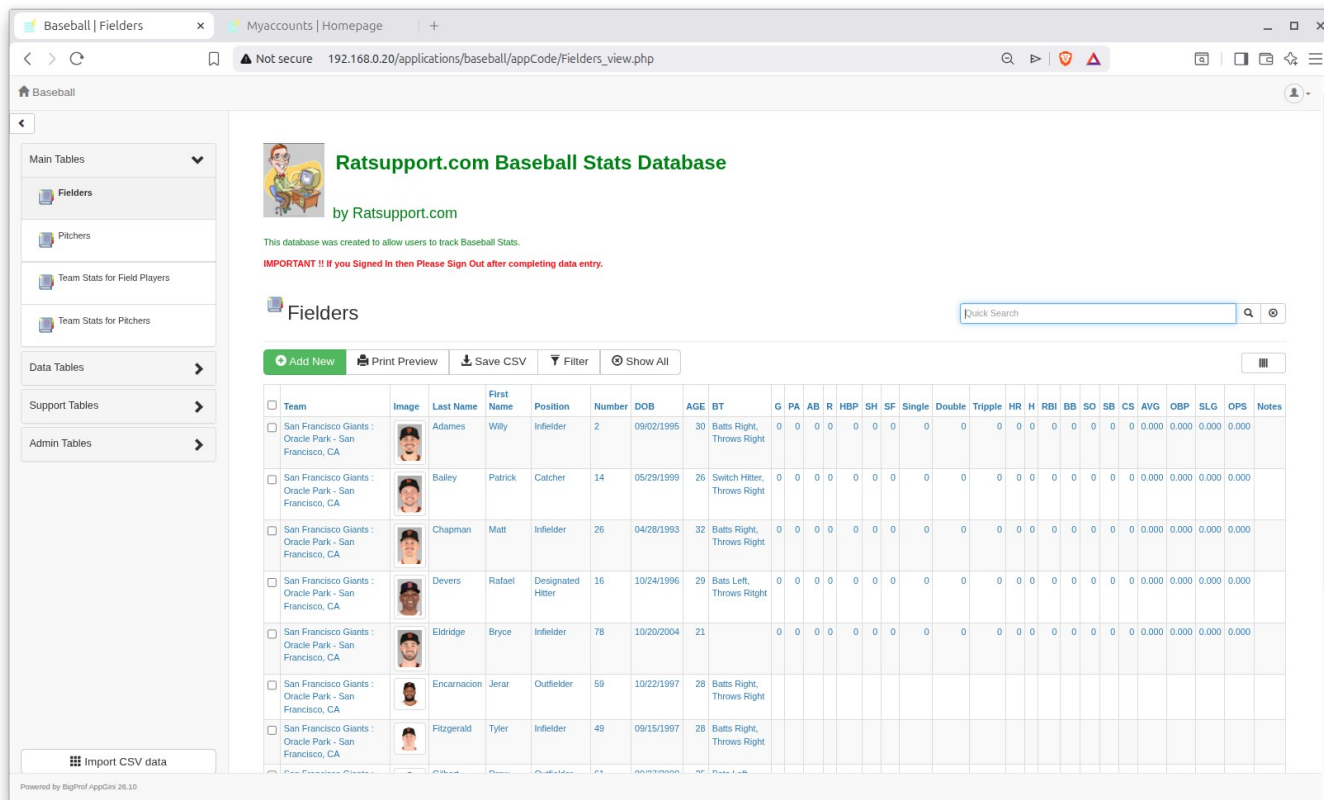


This page shows the Main Tables Grouped, The Fielders, Pitchers, The Stats Tables for Pre and Regular Season.

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

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.

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	Tripple	HR	H	RBI	BB	SO	SB	CS	AVG	OBP	SLG	OPS	Notes
<input type="checkbox"/> San Francisco Giants : Oracle Park - San Francisco, CA		Adams	Willy	Infielder	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	
<input type="checkbox"/> 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	
<input type="checkbox"/> San Francisco Giants : Oracle Park - San Francisco, CA		Chapman	Matt	Infielder	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	
<input type="checkbox"/> 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	
<input type="checkbox"/> San Francisco Giants : Oracle Park - San Francisco, CA		Eldridge	Bryce	Infielder	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	
<input type="checkbox"/> San Francisco Giants : Oracle Park - San Francisco, CA		Encarnacion	Jerar	Outfielder	59	10/22/1997	28	Batts Right, Throws Right																						
<input type="checkbox"/> San Francisco Giants : Oracle Park - San Francisco, CA		Fitzgerald	Tyler	Infielder	49	09/15/1997	28	Batts Right, Throws Right																						

Import CSV data

Powered by BigProf AppCare 26.10

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 application for managing baseball fielders. On the left is a sidebar with a 'Main Tables' dropdown menu containing 'Fielders', 'Pitchers', 'Team Stats for Field Players', and 'Team Stats for Pitchers'. Below this are 'Data Tables', 'Support Tables', and 'Admin Tables'. At the bottom of the sidebar is an 'Import CSV data' button. The main content area displays the details for a player named Willy Adams, who is an Infielder for the San Francisco Giants. The form includes fields for Last Name, First Name, Position, Number, DOB, AGE, and BT (Batters Right, Throws Right). It also features a grid of statistics: AB, R, HBP, SH, SF, Single, Double, Tripple, HR, H, RBI, BB, SO, SB, CS, AVG, OBP, SLG, and OPS. Each statistic field has a small blue dot with an 'i' icon next to it. On the right side of the form are buttons for 'Save Changes' (green), 'Back' (blue), 'Print Preview' (blue), 'Delete' (red), and 'Next' (blue). A 'Notes' text area is located at the bottom right of the statistics grid. The footer of the application states 'Powered by BigProf AppGini 26.10'.

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 application titled "Baseball | Teams - Chromium". The URL is `ratsupport.dreamhosters.com/applications/demobaseball/appCode/Teams_view.php`. The interface includes a sidebar with navigation options: Main Tables, Data Tables, Pre Season Schedule, Regular Season Schedule, Pre Season Teams, Teams (selected), Support Tables, and Admin Tables. The main content area displays the "Teams" table with columns: League, Division, Team, Park, Wins, Losses, Ties, and Avg. A "Filter" button is visible above the table. The table lists 10 teams, including San Francisco Giants, Los Angeles Dodgers, Arizona Diamondbacks, Athletics, Atlanta Braves, Baltimore Orioles, Boston Red Sox, Chicago Cubs, Chicago White Sox, and Cincinnati Reds. The bottom of the interface shows "Records 1 to 10 of 35" and a "Records per page" dropdown set to 10.

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

Support Tables

Admin Tables

Import CSV data

Powered by BigProf AppGini 26.10

Ratsupport.com Demo 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.

Teams

Quick Search

Add New Print Preview Save CSV Filter Show All

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

Records 1 to 10 of 35

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

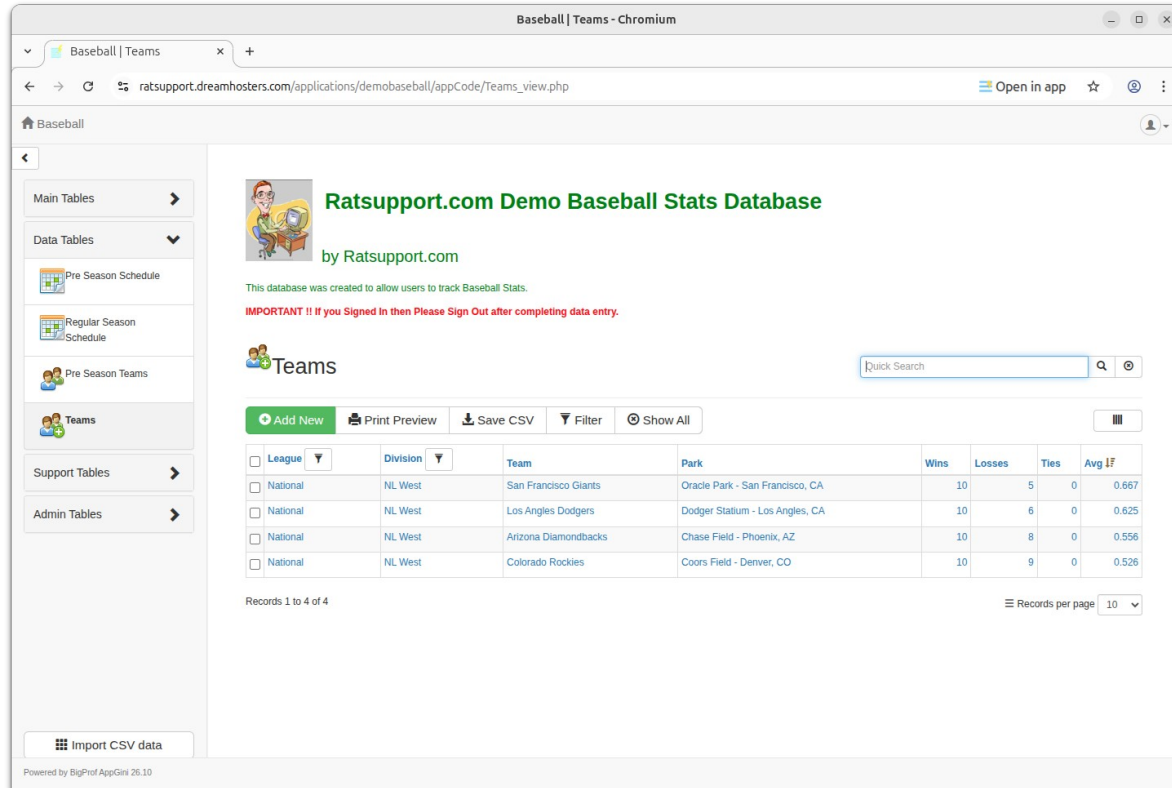
The screenshot shows a web browser window titled "Baseball | Teams - Chromium". The address bar shows the URL "ratsupport.dreamhosters.com/applications/demobaseball/appCode/Teams_view.php". The page has a sidebar on the left with a "Baseball" header and a menu containing "Main Tables", "Data Tables", "Pre Season Schedule", "Regular Season Schedule", "Pre Season Teams", "Teams" (highlighted), "Support Tables", and "Admin Tables". At the bottom of the sidebar is an "Import CSV data" button. The main content area has a header "Teams Filters" and a "Switch to advanced search mode" button. Below this are four filter rows: "League" (dropdown set to "National"), "Division" (dropdown set to "NL West"), "Team" (text input), and "Park" (text input). Each row has a trash icon. Below these is an "Order by" section with four rows: "order by" (dropdown set to "Avg", dropdown set to "descending"), "then by", "then by", and "then by". At the bottom are three buttons: "Apply filters" (green), "Save & apply filters" (grey), and "Cancel" (orange). A footer at the bottom left says "Powered by BigProf AppGini 26.10".

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 descending for the Filter.

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

The Result



The screenshot shows a web browser window with the URL `ratsupport.dreamhosters.com/applications/demobaseball/appCode/Teams_view.php`. The page title is "Baseball | Teams - Chromium". The left sidebar contains a navigation menu with "Main Tables", "Data Tables", "Pre Season Schedule", "Regular Season Schedule", "Pre Season Teams", "Teams" (selected), "Support Tables", and "Admin Tables". The main content area displays the "Ratsupport.com Demo Baseball Stats Database" by Ratsupport.com. It includes a "Teams" section with a "Quick Search" bar and a table of team standings. The table has columns for League, Division, Team, Park, Wins, Losses, Ties, and Avg IF. The data is sorted by descending Win Percentage. Below the table, it shows "Records 1 to 4 of 4" and a "Records per page" dropdown set to 10. At the bottom left, there is an "Import CSV data" button and a footer that says "Powered by BigProf AppGini 26.10".

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

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.