

# Sabermetrics 101

*An Introduction to Baseball Analytics*

## SQL Sandbox Details

### Ungraded vs. Graded Queries

In the videos of this section, you have seen the SQL Sandbox in ["exploration" mode](#) (available under the "SQL Sandbox" section at the top under Courseware). This sandbox is ungraded, and allows unlimited attempts to experiment with the data. However, the sandboxes in assignments that follow the videos are graded, and may only allow you a few tries to get the right answer. We recommend having 2 tabs or browser windows open, so that you can experiment with your queries in "exploration" mode before you're ready to submit them for credit.

### Partial Credit

You may have noticed that partial credit is given to queries that are not 100% correct. To figure out what you did wrong, try reading the hints, and comparing your results to the expected results. Here is the grading rubric used to determine scores:

- **100%:** Perfect!
- **80%:** Your result set contains the correct data, but the order of rows, order of columns, and/or column names may be off,
- **60%:** You got pretty close. You got the columns exactly right, or the counts of both the rows and columns, but made another mistake (see the hints)
- **40%:** Your results are pretty off, but in the right ballpark - if both the number of rows and columns are within 50% of the expected counts, you will receive this grade.
- **0%:** Your query contains syntax errors, or your results are way off. Try fixing your query in "exploration" mode if there are any syntax errors.

### Modifications Not Allowed

Through the SQL Sandbox, you will have read-only privileges; you will not be allowed to modify or create new tables.

### Copyright

The Lahman database is copyright 1994-2014 by Sean Lahman, and is used by SABR101x under the [Creative Commons BY-SA 3.0 license](#). We have slightly modified the database, adding a few indexes.

For the Retrosheet database:

The information used here was obtained free of charge from and is copyrighted by Retrosheet. Interested parties may contact Retrosheet at "www.retrosheet.org".

## Using the Dataset Locally

If you already have MySQL installed, and wish to explore the data locally, a SQL dump of the version of the Lahman database we are using is available for download [here](#). CSV and Microsoft Access formats are also available from [Sean Lahman's site](#). However, to complete coursework you must use our SQL Sandbox, and we will not be able to support any issues with running your own MySQL server.