NASCAR Statistical Data Analysis

Using PHP, MySQL, HTML, CSS, jQuery, and Bootstrap.

Using data input from users for drivers in NASCAR, series in NASCAR, along with race finishes per event by driver, allow a large MySQL database of all this raw data. From here, I want to create a PHP web-based application to allow a wide range of data analysis to be done. I see a lot of raw data online, and I see a lot of analysis done by professionals who work for NASCAR in some fashion, however it’s not often that I see software that allows for custom analysis of raw racing data.

The database will have some basic tables such as but not limited to:

* Drivers
  + Fields may include: First and Last Name, Date of Birth, Died (if applicable), home city, home state, etc.
* Series (Cup Series, Xfinity Series, Truck Series, K&N Pro, etc.)
* Events (ex: Daytona 500, Southern 500, etc.)
  + Fields may include: Event ID (primary key), Series (Foreign Key), Date, etc.
* Finishes (example fields: driver, finish, event (foreign key), laps led (if applicable), Points Acquired
* Points by Driver by Date (can be used to analyze driver standings on a weekly basis throughout history)

Forms will include:

* Add a Driver
* Add an Event
* Add a finish

In order to simplify the scope of thus project I could simply get a CRUD system running with MySQL and PHP.