Project Update

*Note: Use this template to organize your project updates. Replace italicized text with your own information. Add other sections if needed but do not remove any sections.*

*You must provide a ZIP file of all project files with this report. This includes everything: code, docs, resources, links to Google docs, Github, etc. – everything needed to evaluate your progress.*

**1. Project title**

**Data analysis of the base salaries of active MLB, NFL, and NBA players**

**2. Team members and roles**

*Name, role(s), email*

Bryan Pham - Search functionality, data cleanup, displaying bar charts, [bryanpham124@gmail.com](mailto:bryanpham124@gmail.com)

JaeEun Lee - Sorting data, checking the validity of inputs, jelee127@umd.edu

David Gigremosa - Calculating five-number summaries, calculating salary percentiles/comparisons, david.gigremosa@gmail.com

**3. Accomplishments since the last report**

* Search functionality works and can search any player and print their info to console
  + Will use the information to graph the bar chart for individual players
* Able to find the top 10 highest earning players in data
* Display a fully detailed and color-coded bar chart that displays the top 10 highest earning platers

**4. Roadblocks, problems, challenges, risks, questions**

* Need to learn how to calculate z score probability, standard deviation and 5 number summaries in python
* Find a way to continually add values to a data frame in an infinite loop

**5. Plan for the next sprint (i.e, until the next deliverable)**

*Your plan for the next sprint – bullet list of individual tasks, with tentative deadlines and assigned roles*

* Implement the input validation for search function (Bryan)
* Be able to display the bar charts for individual players (Bryan)
* Calculate the 5 number summaries, standard deviation, and percentile of the salary of a player (David)
* Take 3 tables as value and sort data with the following orders. (Jaeeun)