

ACTIVITY FOR MARCH 1ST - GGPLOT BASEBALL

Our goal is to practice creating quality plots using GGPlot and Plotly in R.

- Use the **BaseballRuns** data from the Linear Regression activity.
- Create a new dataframe that only contains data from the 2005 season.
- Use GGPlot to create a scatterplot with the following:
 - **OPS** (on-base plus slugging) along the x -axis and runs along the y -axis.
 - The color of the points are purple and they are labeled with their team's three-letter abbreviation .
 - The graph is titled appropriately, and each axis is labeled appropriately.
 - The “best fitting line” is plotted, and the the 95% confidence interval is shaded around it.
- Use GGPlotly to create a scatterplot with the following:
 - **OPS** (on-base plus slugging) along the x -axis and runs along the y -axis.
 - The color of the points are different for each team, and the shape of the points are determined by which league the team is in.
 - The graph is titled appropriately, and each axis is labeled appropriately.

Each group submits one RMD file to *Class Activity 3/01* assignment in Gradescope. It is due at the end of class on March 1st.