#Efficiencies in MLB

Summary:

Virtual Environment Instructions

1. After you have cloned the repo to your machine, navigate to the project folder in GitBash/Terminal.

2. Create a virtual environment in the project folder.

3. Activate the virtual environment.

4. Install the required packages.

5. When you are done working on your repo, deactivate the virtual environment.

A screenshot of a computer

Description automatically generated

Instructions:

1. Clone the repo to your machine.

2. Create and activate a virtual environment and install the packages listed in the requirements.txt file. (instructions below)

3. Run Jupyter files in order (starting from a-e) to create files and plots

4.

Features:

1. Read in two or more data files (CSV)

2. Clean data and perform pandas merge. Calculate new values based on new dataset.

3. Make pandas pivot tables and matplotlib plots.

4. Use virtual environment and include set up instructions in README.

5. Annotate and clean code in Jupyter Notebook.

Data Sources:

- MLB Team Payrolls:

<https://www.stevetheump.com/Payrolls.htm>

- MLB Team Wins:

<https://www.baseball-reference.com/leagues/majors/index.shtml>

- Attendance:

<https://www.espn.com/mlb/attendance>