



A Baseball Story

Project 3

By: Allen, Matt & Cole

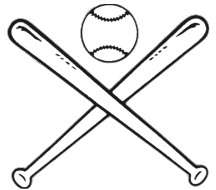




The Story

The most effective route for a highschool baseball player to take to get drafted into professional baseball looking at the following factors:

- Leaving to play baseball at the highschool or college level: How many players were drafted from the top 10 High Schools vs top 10 Colleges
- Out of those schools, what level of professional baseball did those players end up playing at?



The Data: A brief step by step

- Scraping the data from thebaseballcube.com, specifically the last 5 years of MLB draft history off the webpage.
- Cleaning the data using Python and analyzing for only relevant data
 - **Player Name**
 - **Type of school**
 - **School Name**
 - **Highest Level of Play**
 - **Year drafted**
- Housing the database in Postgres, we broke down the top 10 colleges and top 10 High schools and Utilizing SQLite to eventually transfer our data onto the webpage
- Adding **Latitude** and **Longitude** to the schools locations using SQL in Postgres to eventually map onto the webpage



Conclusion: Dashboard + Synopsis

College Baseball is the most effective route for the overwhelming majority of players looking to get drafted into the MLB

Roughly 20% of players that made it to the high level were drafted out of highschool
Roughly 80% of players that made it to the high level were drafted out of college

Top High School to get drafted into any level of professional play: IMG Academy (**10 players**)
Top High School for highest chance to get into the MLB: American Heritage (**66.7%***)

Top College to get drafted into any level of professional play: University of Arkansas (**28 players**)
Top College for highest chance to get into the MLB: University of Virginia (**50%**)

