

FIT5147 Data Exploration Project Proposal

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Title: Chris Sale Baseball Pitches.

My idea is to look at the Major league Baseball (mlb) pitcher Chris Sale's career and see if I can find any patterns or trends.

Questions:

1. What type of pitches does he throw and when?
2. The speed and frequency of the pitches compared to the league.

Data source

The data source is through the r package pitchRx (<https://github.com/cpsievert/pitchRx>) which scrapes the data from the mlb game day, I already have the data from 2008 to 2018 saved. The data has up to 88 variables (can provided another word document which list and explains them), not all will be used, and over 20,000 observations across his 10-year career.