

- 1.) Data is readily available online, but must be converted into usable data. Data sources have been identified. This will either be done by brute force or by writing a clever script to format the data properly. The latter is preferable since the dataset is large. Data is available at these sites:

<https://www.bov.ch/hockey/fstand.html>

<https://www.hockey-reference.com/draft/>

<http://www.nhl.com/stats/skaters?reportType=season&seasonFrom=20192020&seasonTo=20192020&gameType=2&filter=gamesPlayed.gte.1&sort=points.goals.assists&page=0&pageSize=50>

- 2.) The project will have two parts. The first question is does tanking in the NHL promote parity? Tanking is the idea that teams that finish at the bottom of the standings will do better in the future years. This is because they obtain higher draft picks and often trade away good players on short contracts for draft picks or prospects. The second question is to determine what a draft pick is actually worth. This will be measured using the usual stats such as goals, assists, and +/- . These stats will be measured for both the player's whole career and the time spent with the team that drafted them. Players are often traded for other players or draft picks so the situation is very complicated.

- 3.) Questions we hope to answer:

- Do teams that do poorly in previous years tend to do better in future years.
- What is a draft pick worth?
- Do draft picks tend to stay with the team they are drafted by?
- Has this changed before and after the salary cap was implemented?
- Do variables such as city population and weather have an effect on team performance?