For my semester project, I want to investigate NHL expected goals dependent on the shot quality of professional players. The statistics I will use are given out by the NHL, such as shot velocity, distance, type and angle. Using this and previous data with successful goals, a model can be put together to predict future goals expected based on a team’s past performances. With all sports, predicting future outcomes can be challenging, so there will be some ‘puck luck’ that will be impossible to account for.