

# Major League Soccer Analysis

## Theme 1

Team Members: Poojyatha Venkatesh, Anshuman Dixit, Nishchay Wadhera

### Project Description:

The aim of our project will be to provide an eagle view of MLS over the years from 2001-2020.

We will be creating various visualizations on the questions like:

- What stats impact the chances of a team winning the most?
- Which players have the best win rate and worst win rate over the years?
- Which goalkeepers/ players have performed the best?
- Who was the top scorer for particular season of MLS?
- Which club/player was the most aggressive/defensive?

### Description of Dataset:

We will be using 5 datasets-

- all\_goalkeepers.csv- This dataset provides the information about all the goalkeepers of every season of MLS through 2020.
- all\_players.csv- This dataset provides the information about all the players of every season of MLS through 2020.
- events.csv – All the events from the 2008-2021 seasons are stored in this dataset.
- matches.csv – It provides match data from the 2001-2021 seasons
- all\_tables.csv – It provides the information about the end of season / current standing of tables for every season through 2021.

### References:

1. <https://www.kaggle.com/josephvm/major-league-soccer-dataset>