**Geographic Location Attribute System**

The Geographic Location Attribute System, or GLAPS for short, is a software created by Mallory Milstead and Gabriela Canjura. This software was created to predict the effects of professional baseball stadiums on property values in varying United States counties. It uses a machine learning algorithm created with the use of keras backed with TensorFlow in python. Then returns the predictions via a RESTful API.

We began this project with the hopes of obtaining predictions of future home values for areas where stadiums were being built; however, we were unable to obtain enough data to be able to create an accurate time series model. Instead we used the latest census data, for 2017, to be able to predict the effects of adding or removing a stadium in various counties.

Our goals going forward are to include other developmental projects (malls, parks, etc.) and determine their effects as well as obtain the required data to be able to create future predictions.