Resource Agent

The resource agent is trained based on the data from <https://www.fireservice.gr/en_US/synola-dedomenon>.

The data contains information about wildfires and resources used during extinguishing in years 2013-2024. The cleaned and prepared dataset consists of the following variables:

1. Region
2. Year
3. Month
4. Day of the week
5. Severity

Target Variables:

1. Fire Trucks
2. Firefighting Personnel

The agent takes as input the first five features, uses XGBoost algorithm for the prediction of the target variables and gives an output in form of a 2-column dataframe, every element corresponds accordingly to Fire Trucks, Firefighting Personnel.