**#Technologies Used**

##Data Cleaning and Analysis

Pandas will be used to clean the data and perform an exploratory analysis. Further analysis will be completed using Python.

## Database Storage

pgAdmin is the database we intend to use, and we will integrate PostgreSQL to display

## Machine Learning

To create our classifier we will use SciKitLearn a ML library. A classifier (algorithm) automatically sorts or categorizes data into one or more classes. Our training model and testing model will contain (data pertaining to year range from 1999 to 2012 equals training dataset) and (data pertaining to year range 2013 to 2017 equals test dataset).

Machine Learning is an application of artificial intelligence where a machine and or computer learns from past experiences (training data) and makes future predictions.

## Dashboard

Will use a Flask template, we will also integrate D3.js for a fully functioning and interactive dashboard.

Alternative option us Dash a free Python library that we can develop a web-based and customizable and interactive dashboard within Python.