Group Pikachu

Final Project Proposal

2/22/22

* Members
  + Steven Broyles
  + Ryan “Fin” Finley
  + Cornelia Hinton
  + Theadora James
  + Jennifer Long
  + Hazel Morris
  + Wesley Watkins
* Problem/Questions
  + Based on college stats of past draft classes, what is the likelihood of these 2022 college players getting drafted to the NBA?
    - What variables are most important when predicting this?
  + Possible additional questions
    - First vs second round draft picks
* Dataset
  + <https://www.kaggle.com/adityak2003/college-basketball-players-20092021>
* Machine Learning Model
  + Unsupervised Learning
* Languages
  + SQL and Python using Google Colab
* Host Application
  + TBD
* ETL Process
  + Extract
    - 2009-2021 College Basketball Players csv
    - 2022 College Basketball Players csv
    - 2009-2021 NBA Drafted Players csv (if we answer 1st vs 2nd round draft picks question)
  + Transform
    - Decide which data points to keep
    - Join files
  + Load
    - Postgres