1. Determining fair value multiples for publicly traded US stocks based on fundamental financial performance
   1. Using Kaggle’s historical financial indicators of US stocks (link below), regress financial metrics (independent variables) against price multiples (dependent variable, i.e. EV/EBITDA) to determine “fair value multiples”. This could in turn be used for projecting stock prices for individual stocks.
   2. Data source: <https://www.kaggle.com/datasets/cnic92/200-financial-indicators-of-us-stocks-20142018?resource=download>
   3. Could be merged with the attached for additional detail such as sector / industry:
   4. https://www.kaggle.com/datasets/aakashshinde1507/s-and-p-500-companies
2. Accurately predicting home sales price based on available information
   1. Use AMES’ home price dataset to determine the likely sales price of a home
   2. Data source: <https://www.kaggle.com/competitions/house-prices-advanced-regression-techniques/data>
3. Predicting soccer player market values
   1. Using Transfer Market’s calculated transfer market value and statistics by players for Europe’s top 5 league, can we calculate expected transfer market value for each of the players?
   2. Source: <https://www.kaggle.com/datasets/akarshsinghh/football-players-market-value-prediction>