

ChatGPT prompt used for homework 2:

Task 1:

- I want to calculate the probabilities of a match outcome as the inverse of the bookmakers odds and according to this formula. Please provide the python code for two separate python functions.
- I would like to separate the draw probability given by $P(\text{home}) - P(\text{away})$ into equally sized bins from -1 to 1 with a width of 0.2. Please provide python code.

Task 2:

- i want to remove some matches from my database. I want to remove matches where there was a late goal or early red card. I would like to remove these matches from both half, which are written in two separate dataframes

Task 3:

- Please provide python code for a Decision Tree, using the match results as a target value.
- How to reduce a pandas dataframe to just columns with numerical values?

General:

- Used for bugfixing