MARKETING AUTOMATION CHALLENGE

- Today you open your first brewery! A partner sent you his catalog with all beers, please fetch it from https://api.punkapi.com/v2/beers and create a dataframe out of it.. The catalog is quite big so you might need to fetch more than 1 page of it. (documentation: https://punkapi.com/documentation/v2)

- Find the beer with the highest alcohol by volume (abv) and print its description.

- Calculate the average attenuation level of all the beers.

- Sort the beers in descending order of their International Bitterness Units (ibu) and display the top 5 beers.

- Now we want to keep only beers with an attenuation level between 80 and 95. So please slice the dataframe and keep only attenuation levels in that range.

- Since you want to learn how to make the beers, please extract the mash temperature from column "method" and make a column out of the temp value called "mash_temp"

- Now we want to know which beers can be paired (food_paring) with chicken, with cheese and with chocolate. Please take their names and put them into a dictionary, with the food as keys. Ex: {'chocolate': ['beer1', 'beer2'], etc..}

- Good! Now that you have the beer names which go with chicken, beef and cheese can you tell if there is a beer which goes with all three ingredients?

- Can you write the dockerfile for containerizing the code?