Hi guys this is Marc from pyucation. Today we have an expert exercise about iterators. If you are not familiar with iterators I highly recommend watching the video I linked in the video description. He explains things very well.

The difficulty is 4 out of 5, so if you consider yourself an expert python programmer, this shouldn’t be a problem for you. And as an expert you should also be familiar with object oriented programming.

You have to write a class named BinaryEncoderIterator that transforms binary values like yes/no or male/female, something like this to 0 and 1. To test your Iterator you have to write a small function that takes a pandas dataframe and a column as parameters and uses your iterator to transform the specified column.

You are not allowed to use any other pandas methods.

Pause the video if you want to try it yourself. And next we are gonna talk about the solution

Okay. So recall that an iterator needs the iter and the next method. Let’s write them here so that we have a nice skeleton to work with.

I hope iterators are more understandable now after this exercise. And you had a little bit fun.

As always leave a comment, let me know what I can improve and consider subscribing. Thanks for watching and see you next time!