Exercise

Instructions :

You need to flatten the attached tree ( tree\_to\_convert.txt ) into a set of strategies. A strategy is a

combination of :

● a strategy definition: a sequence of conditions of the form feature = value or feature

!= value , separated with “and” operators only .

● a leaf value

The syntax is given by [strategy definition] : [leaf\_value].

For instance, leaf 4 translates into the following strategy : device\_type!=pc & browser!=7 &

browser=8 : 0.000881108

Modalities :

➢ You can use the programming language of your choice (Python preferred).

➢ You have to code a function which takes the tree\_to\_convert.txt file as input, flattens it, and

writes the output strategies into another strategies.txt file.

➢ Your function needs to be generic. It could take as input any tree of the same structure but

with others variables or different depth .