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PA 4

I thought the concept of this programming assignment had a meaningful purpose because the algorithm demonstrates it can predict outcomes. Predictions can be: play ball (hw example), predicting if a business is most likely to lose or gain consumers, predictions on stocks etc.. The concept of memoization demonstrated a faster approach to handling data. If I had to be honest, I had no idea that’s how machine learning works. I always get confused on the difference between AI and ML. A lot of the information gathered from learning dynamic programming cleared some curiosities I had that I couldn’t picture programmatically, but now I can.

I didn’t finish this assignment and there’s really no excuse to not have. Three weeks was enough time for me to slack and focus on non-important activities, such as finishing playing Arthur’s chapter from RDR2. It was truly a sad death. I picked up on a book, “Supermarket,” that Logic, American rapper, released. I read that there were a few people that didn’t seem to understand the book nor the way it was written. It made sense to me and there were some aspects where I was mentally able to relate to. Back to topic.

As I did option2, I found it challenging and enjoyable. I tried practicing memoization with my function treeToVector();. I think it’s applying memoization through the use of the depth = [ ] as one my parameters and by calling the function at each child. If that’s not using memoization then I’m still not sure if I’m programmatically applying it correctly.

The way I would have approached option3 would have the new created predicted file append treeNode.value to the end of each row if length of treeNode.children were 0. This would be done through some matrix where treeNode.value is the column name and treeNode.children were rows[col]. Based on the value of rows[col], then that would determine which children key to go into until we reach a treeNode with no children. That is when we append. We do for every row in file. Which still sounds slow to me. I tried coming up with an approach to 4, but I couldn’t understand. Assuming it’s just the opposite of option 2, some people will tell you it’s easy, but I don’t understand the opposite. I really need days to deeply sit and think to understand and fix my logic but I really slacked off.