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Hack-a-thon Follow-Up

Congrats on having built such a great model to predict employee attrition! It turns out that the company for which you built this model is the one place that you've ALWAYS wanted to work. And, even better, the CEO is really interested in learning more about you. She was vaguely aware that data science can help her make better business decisions, but your work helped her understand a lot more.

Now, the CEO has asked you to come in for an interview with her team, and she wants to spend a few minutes – but only a few minutes – chatting with you.

For the following task, assume that your predictive model predicted the likelihood that any current employee would quit within the next 6 months. *(Side note – in the hack-a-thon itself, no time period was defined, which might raise questions about when, precisely “attrition” might occur. The purpose of this assumption is to avoid complications with that issue.)*

In other words, assume you are able to use your model to tell the company the likelihood that any employee is going to quit in the next 6 months. So, if your model used only “age” as a predictor, then you could say something like “the likelihood that a 54 year-old will quit in the next 6 months is 8%.”

The CEO has sent you the following email in advance of your meeting with her:

“Hi, I’m super excited to meet with you next week. I’d like to learn a little more about the model you built and the implications for us. I’m really interested in figuring out how to create a happy and stable workplace. Could you please put together one slide (in PowerPoint, Keynote, or anything else you use) that helps me better understand what’s going on with employee attrition? Thanks!”

Your task: prepare that one slide and think through how you would use that slide in your meeting with the CEO. Submit only the one slide in Canvas. Be prepared to discuss the slide with the class, as I will be randomly selecting a few students to present their slide to the entire class in our debrief. Do not submit talking points or any material other than the slide itself.