### Engagement prediction

The following data set includes data regarding contacts information, company information, engagement history (time sent, actions(open/click/reply).

Using this data please design a model that will predict the “right” time to send an email to a specific prospect (given his history or history of similar prospects in the same function or seniority)

In addition ot the model please add:

1. Your initial assumptions – and how you expect the model to behave
2. Explain why you choose this specific algorithm and why it suits the task at hand
3. What features did you choose to use and why?
4. If you think more data points can help, suggest which ones do you think are worth collecting and how would you utilize them.
5. How do you interpret the results of your suggested model? How would you optimize it if you had more time?
6. What would be your process flow from research to production? What are the different phases in your perspective? How much time do you estimate will it take for V1 to run in production? How much time would each step take?

Data Set Sample:

https://drive.google.com/file/d/1dBdFqgzkGgPj3XuFYugKNw7LqhSDKhML/view?usp=sharing