



Dear Applicant,

Congratulations on progressing to the next round! We are so excited to learn more about you during the interview. In preparation for the interview process, we have prepared a short technical task.

The technical task involves exploring a dataset quite similar to one you would work with in your role as a Data Analyst at Oaktree. Please keep in mind that there are no wrong or right answers and won't be graded on this task, instead we would love to get a sense of your thought process as you work through giving data.

Attached in your email you will find the following to help get you started:

- donor_data.csv : A CSV containing the donor dataset
- Instructions : A text file containing descriptions of data attributes

The attached dataset is a collection of primary donation data analyzed in the paper, and published in Nature Communications in 2019 by Sisco and Weber. Each row represents one donation. There are four short answer questions, while the final question will require data visualisation and 300 words.

1. What are the dimensions of the dataset?
2. What attribute acts as the common identifier in this dataset?
3. What are some problems you can identify within this dataset?
4. What types of data visualisations would you find suitable for the following;
 - a. Relationship between categorical and discrete variable
 - b. Relationship between two categorical variables
 - c. A continuous variable.
5. After examining the dataset, walk us through something that has piqued your interest through visualisations and your thoughts on potential hypotheses and/or areas for future investigation. There is no set structure for this question - so feel free to really get creative!

Please submit your answers in a PDF by replying to this email before 9 AM on your scheduled interview date. If you have any question or would like to request alternative arrangements please reach out to oshadha.iddawela@theoaktree.org.

