Dear Candidate,

Thank you for applying for a Data Engineer position in Rahgozin Rayaneh Data Team. As the next step in your hiring process, we would like to assess your engineering, programming and general problem-solving skills. Your main task is to develop a Spark Application for querying data.

Please read the following instructions carefully, and good luck!

- You are free to use the programming language of your choice.
- There are two dataset
  - facilities.csv
  - tiers.csv
- For the sake of simplicity, the data is small. However, your solution should be applicable to large data as well.
- Join these two and store the resulting dataframe on disk.
- We want to query tiers on a rectangular area by latitude and longitude.
- Please consider your that the user of your application is not an expert.
- A GUI is not needed for this task.
- For submitting your assignment, please push your application in a private GitHub repository and invite these two usernames:
  - mhadadian
  - [@Farajian]
- Please provide your documentation in the README.md, including at least, installation guide and usage manual.
- The choices and options for doing this task are vast, and you can make your assumption. Please do not forget to mention them.
- If you have any further question, feel free to contact mostafa.hadadian@gmail.com.