



Recruitment assignment

Welcome to the next stage of Infobip's selection process! In this segment, you will be asked to complete a few tasks where you will be able to showcase your approach to our daily tasks and brain teasers.

We are open for any kind of questions, you can contact us via e-mail for further instructions and guidelines during the process.

1. Task: Employee movement

In EmployeeMovement.xlsx there are some data about employees of a company. Specifically, you can only see their ID, the date when they started working for the company, and the date when they stopped working. Employees with "X" for their EndOfContract are still working today.

Your task is to use any software you want (Excel, Qlik Sense, Python, R...) to make a chart that shows how many employees were working for the company at any given date. If you're feeling enthusiastic enough, try making another chart which would show the same thing, but on a monthly basis. You are by all means allowed to manipulate the data in any way you think best, but bear in mind that your solution has to work if we update EmployeeMovement.xlsx data and run the code again (so, no manual adjustments). Just share with us all the files or code you used to achieve this.

2. Task

Having in mind Infobip business model (providing communication services to brands and business and help them engage their end users) design simple data model leveraging on graph database, load it with data sample and calculate metrics that are specific for graph theory.

You can open free account on Microsoft Azure (valid for 30 days), use graph service for task.

We wish you the best of luck!
Infobip Hiring Team