BADR 2016 Summer Internship Exam

Exam duration: 2 hours.

Problem statement:
Given a dataset, it's required that you visualize this data in a "pie chart" and a "bar chart". You can find the dataset here: https://goo.gl/qffV96

The expected flow you should go through is as follows:
- Load the dataset into your local MySQL database.
- Build a NodeJS application that grabs data from the database you created in the first step, and can serve them via HTTP requests.
- Draw Pie[1] charts to indicate the distribution of companies over cities.
- Draw Bar[2] chart to indicate the relation between user distribution over companies.
- Do you have any ideas to enhance query performance?

Hits:
- You're free to use the internet for technical help.

---

[1] [Reference to pie chart] http://goo.gl/3EdYpL
[2] [Reference to bar chart] http://goo.gl/OD1mku