Assignment for Mongodb

Setup

1. Download the dataset of countries as a JSON file from https://github.com/ozlerhakan/mongodb-json-files/blob/master/datasets/companies.json
2. Import the JSON file in mongodb

Analysis

Answer the following questions from the dataset?
Hint: You can use direct queries of Mongodb or pymongo package of python to load the dataset in Python and do analysis in Python

1. What are the total number of companies in the dataset?
2. How many documents have "updated at" date between 2010 and 2013?
3. What is the most common relationship title across all companies?
4. Which country_code has the maximum number of companies?
5. What is the average number of funding rounds in these companies? What is the median?
6. How many companies have raised an IPO?
7. What is the name of the company which is the last document in this collection?