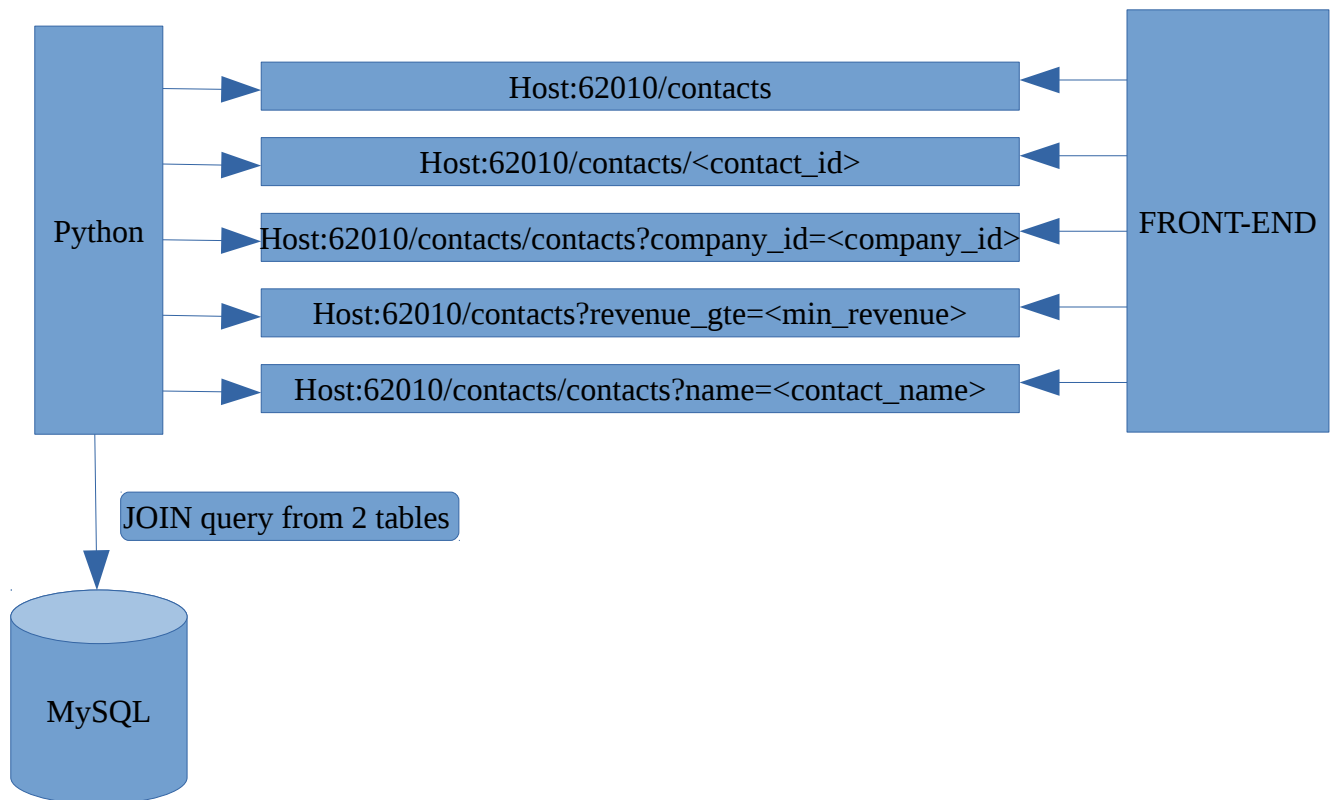TASK 1

The data, both for company and contact, is relational. So for database, the better option is either MySQL or PostgreSQL. Since the queries not too complex, we can choose MySQL. Moreover, MySQL is lighter than PostgreSQL.

For the web framework, the three easier framework are django, flask and pyramid. Pyramid and Django are good for large project and also have flexibility, especially pyramid. In addition, Django is the most famous python framework and have a lot of examples and active community. But, for this small project, I will use flask because of its simplicity.

Architecture:

TASK 2

For clustering, I will use k-means as it is quite simple and we only have one feature to be considered. More explanation is in python file.