Practice for Database

SQL

- **https://www.db4free.net/signup.php**
- Create database / user/ password
- Confirm in email – go to the conformation link
- Go to https://www.db4free.net/phpMyAdmin/
- Input user/password
- Create a table for houses (see columns in the presentation)
- Add 10 items from https://www.redfin.com as INSERT INTO house statement.
- Do search for the price less then 400000 $
- Do group by beds: count how many houses presented by each type of bedroom.
- Count for only 3 bedrooms.
- Create additional table: realtor
- Columns: First name, Last name, id.
- Add realter column (RealtorID) in houses table.
- Add items into realtor table.
- Add information about realtor in few house rows.
- Do left join to show realtor First name and realtor last name for each house item if realtor id is presented.

NoSQL

- Register **https://opensolr.com/users/login?registered=yes**
- Log in
- **https://opensolr.com/search/fresh**
- Try to find in NoSQL database Solr information – articles about Floride state
- Think about Google search – is it similar to thing?