**Prerequisites:**

1. Install MySQL from <http://dev.mysql.com/downloads/installer/> then create a database and grant privileges to the database
2. In the installation folder(default: C:\Program Files\MySQL), go to MySQL Server X.X\bin then execute:

mysql -u root -e “CREATE USER ‘rese2nse’@’localhost’ IDENTIFIED BY ‘rese2nse’; GRANT ALL PRIVILEGES ON graph.\* TO ‘rese2nse’@’localhost’; CREATE DATABASE graph;” -p

1. Install Node.js from <https://nodejs.org/en/>
2. Install Python 2.7.x from <https://www.python.org/downloads/release/python-2712/>
3. Install MySQL Connector/Python
4. Unzip mysql-connector-python-2.1.3.zip outside the RESE2NSE-Visualization folder, then inside the unzipped folder, execute:

python setup.py install -verbose

1. Install Express and Sequelize using npm:
2. In the folder RESE2NSE-Visualization\, execute:

npm install

1. Run migration files and populate database
2. In RESE2NSE-Visualization\, execute:

node\_modules\.bin\sequelize db:migrate

then

python python\seed.py

**Running the application:**

1. In the RESE2NSE-Visualization folder, execute:

npm start

1. Open a web browser and go to localhost:3000