
Gurobi Installation

Step 1: Register for a license at <http://www.gurobi.com/registration/academic-license-reg>
Please use your university email and don't lose the password

Step 2: Go to <https://anaconda.org/Gurobi/gurobi>
Copy the command and paste it to your terminal

Step 3: Request for a license and you will obtain a Gurobi key. Copy and paste the Gurobi key to the terminal.¹

Step 4: Enter `jupyter notebook` at the terminal. Start a new notebook for this tutorial, rename it and save it in your folder.

Step 5: Try running the following code:

```
import gurobipy as grb
M = grb.Model('my_model')
```

Note: Some Mac users may encounter an error from Jupyter Notebook saying the kernel is dead after running Step 5 in the installation guide. This is probably due to a memory access violation. To check if your machine encounters such problem, please type the following into *the terminal* line by line:

```
python
import gurobipy as grb
```

If the machine would spit out an error message “segmentation faulty:11”, then you can try the following steps to fix the problem:

Step 1: Copy and paste the following command into the terminal, please proceed with yes for all the changes when asked: `conda config --add channels conda-forge`

Step 2: Copy and paste the following command into the terminal, please proceed with yes for all the changes when asked: `conda update -n base conda`. Close the current terminal when done.

Step 3: Start a new terminal and copy and paste the following command into the terminal: `conda update --all`

Step 4: Type `conda list` into the terminal and you should see most of your packages are associated with a particular channel `conda-forge`

¹This step has to be done within an academic domain (i.e. connect to university wifi)