**Instruction:**

1. Go to the terminal and type in ‘pip install -r requirements.txt’ in the command line
2. Type in ‘streamlit run Kearney\_Dash\_(your choice of optimization algorithm).py’
3. To stop the algorithm, type in ‘control-c’ in the MacOSterminal(the command details may depends on the OS system)

**Note:**

1. The usage of Gurobi might need license. If the installation of gurobipy has failed, please refer to <https://pypi.org/project/gurobipy/> for more information
2. Extra two optimization functions CVXPY and scipy.optimize.minimize are stored in the Additional\_Optimizations.ipynb
3. All files should be stored and run within the same folder, especially the ‘Kearney\_Dash.py’ and ‘ingredients.csv’. If the stored location for csv file is different from the dash file, please change the csv file location inside the pd.read\_csv(‘…’) /