**Set Up Instructions**

* All the three datasets must be included in the same folder where the Jupyter notebooks are saved.
* Install Jupyter

Packages to be installed:

* Open AI gym
* Wrappers module in gym
* PySwip- import prolog, variable, functor
* Install all the necessary libraries imported in the corresponding notebooks.

Filename:

* Data\_Divas\_MLDM\_Water.ipynb - notebook implemented on water quality dataset.
* Data\_Divas\_MLDM\_Mushroom.ipynb - notebook implemented on mushroom classification dataset.
* Data\_Divas\_MLDM\_Pyrimidines\_ILP.ipynb - notebook implemented for ILP on Pyrimidines dataset.
* Data\_Divas\_MLDM\_Pyrimidines\_num.ipynb - notebook with other models implemented on the CSV file of Pyrimidines dataset.
* Data\_Divas\_MLDM\_QL.ipynb - notebook implemented on Mountain Car environment for Q-Learning.