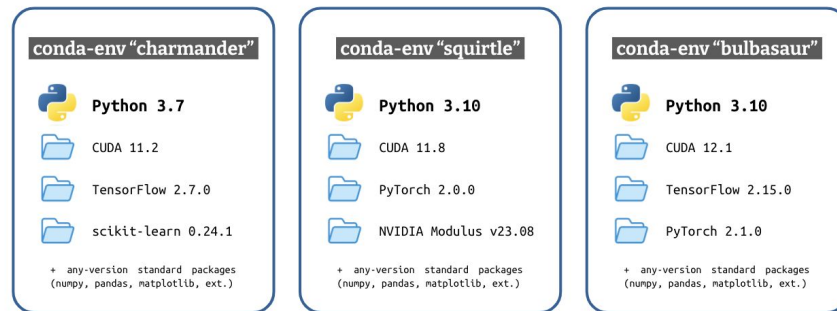


Official conda environment management

- Different users may have **different needs** based on the tackled AI use-case (e.g., Python version, CUDA version, or Python packages version).
- **Conda** allows to define multiple Python environments that can be designed to satisfy AI-oriented needs.
- Managing different CUDA versions and the various package requirements might make the creation of a **GPU-enabled conda environment** a non-trivial task.



PROPOSED SOLUTION

AI-INFN will **provide** and **maintain** a minimal set of working conda environment that users can clone and eventually extend according to their specific needs.

- The proposed solution was investigated during the [Fifth ML-INFN Hackathon: Advanced Level](#), where 5 different **read-only** environments were provided to the users for as many hands-on and exercises.