

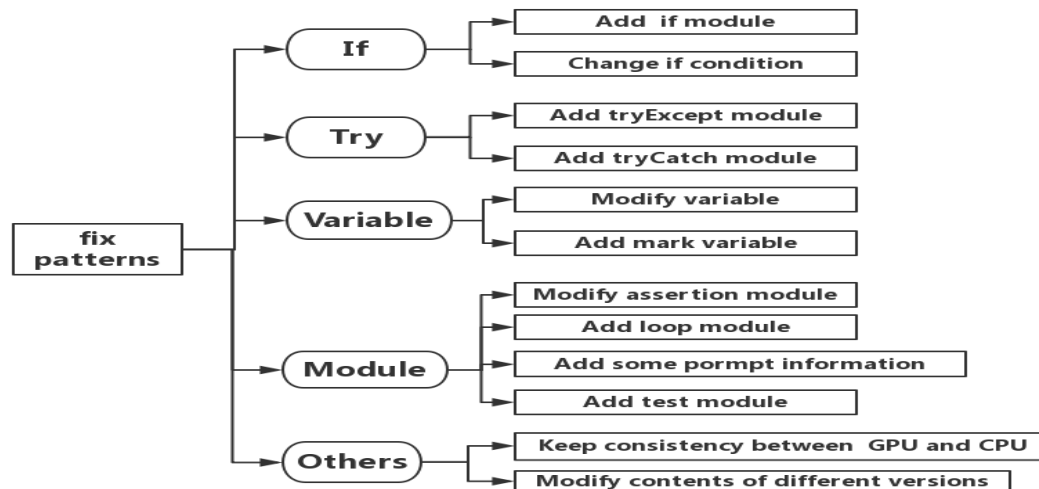
# Experience report: investigating bug fixes in machine learning frameworks/libraries

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# Problems & Ideas

- Problems of Bug fixes in machine learning frameworks/libraries
  - Bugs are common in ML projects and libraries. Even a few bugs may lead to severe consequences and impact a huge amount of users.
- Ideas: An empirical study of understanding the common bug patterns in machine learning frameworks/libraries
  - Manually examining 939 bugs from five ML projects to understand the features related to bug fixing in ML projects.
  - Performing a questionnaires survey to validate the results in the empirical study.



# Main Contributions

- The statistics of using different fixing patterns in the ML projects

