* Explain in a few words what are the advantages of using pytest fixtures over setup and teardown methods.

1. **Pytest fixtures promote modularity and reusability** by allowing their reuse across multiple test functions, reducing redundancy compared to setup/teardown methods bound to specific test classes
2. **Pytest fixtures enable running the same test with different inputs** for greater flexibility and coverage in testing.
3. **Pytest fixtures are making test code cleaner and more efficient** by avoiding the need for global or class variables.

* How would you integrate Machine Learning in a hardware-dependent test automation framework?
* Gather performance and error data from hardware during tests to enhance Machine Learning model training.
* Leverage machine learning models to foresee hardware failures or identify performance bottlenecks using historical data.
* Utilize machine learning to optimize test cases by recommending priority tests based on failure probability.
* Use real-time feedback from machine learning models during testing and adjust test execution based on predicted outcomes, such as running more tests when an issue is expected.