

# 7 R's of High-Value Python Tests

Write better tests, even if that means fewer of them.

## Are my tests... ?



### Rigorous

Passing tests means nothing if they don't fail when behavior is missing or unintentionally altered.



### Rapid

If your test suite takes 20 minutes to run, you won't run it. Fast feedback is gone.



### Reliable

Restarting jobs because tests fail randomly? You can't trust your test suite.



### Readable

When a test fails, can you find the bug in 30 seconds? Or do you start a wild goose chase?



### Repeatable

Passes on your machine but fails on CI? Again, trust is gone.



### Resistant to Refactoring

If you keep the behavior, tests should stay the same. Code and tests shouldn't change together.

### Resistant to Unrelated Changes

Adding a field to a model shouldn't blow up tests that have nothing to do with it.

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[jangiacomelli.com](http://jangiacomelli.com)