

# AI Code Review Checklist

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## 1. PR Size and Scope

- Is the PR  $\leq$  300–400 lines?
- Ensure the changes are manageable and focused.

## 2. AI-Generated Sections

- Are all AI-generated sections labeled or documented?
- Clearly identify and explain AI contributions.

## 3. Testing

- Do tests exist and pass locally/CI?
- Verify that all tests are present and successful.

## 4. Imports and Dependencies

- Any unexplained imports, dependencies, or security risks?
- Check for unnecessary or risky additions.

## 5. Comments and Rationale

- Are comments and rationale for changes clear?
- Ensure explanations are thorough and understandable.

## 6. Code Quality and Style

- Is the code style consistent with the project's guidelines?
- Maintain uniformity in coding standards.

## 7. Functionality and Performance

- Does the new code function as expected and perform efficiently?
- Test for both correctness and performance.

## 8. Documentation

- Is the documentation updated to reflect the changes?
- Ensure all relevant documentation is current.

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