



Frontend Optimization Workbook

WordPress Speed & Performance

Use these sheets beside the lessons. Record what you observe, explain the change you choose and keep a way to restore the working site.

1. Reduce CSS and Script Work
2. Plan Safe Database Cleanup
3. Check the Edge Policy
4. Module Review

GT Performance is entirely free. You can complete the core exercises without a paid optimization plugin.

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Reduce CSS and Script Work

Keep dynamic states and first interactions working after a targeted transformation.

Site / page under review

Date / visitor state / device

Guided Task

1. Identify 1 stylesheet and 1 script with their purposes and page scope.
2. Record initial load plus menus, dialogs, consent and form states.
3. Apply 1 GT Performance transformation on staging and repeat those checks.

Asset / Owner	Scope / Timing / Cost	Change and Task Result

Dynamic states or selectors that need protection

Broken-feature trigger and exact rollback setting

Complete When

The initial load and first interaction pass; required dynamic styles remain.



Reduce CSS and Script Work Reasoning Check

Try the questions before reading the answer guidance. This is a teaching scenario, not a measured result from your site.

Scenario

Coverage marks a menu stylesheet mostly unused before anyone opens the menu. A proposed optimizer removes those rules.

What is missing from this evidence?

Will defer remove a script's execution cost?

Answer Guidance

1. The recorded session lacks the open-menu state and possibly other templates. Exercise dynamic states and identify ownership before removing rules.
2. No. Defer changes execution timing. Unnecessary work should be removed or reduced, and dependencies must remain correct.

What I will verify on my own site

Keep passwords, API tokens and private customer data out of this workbook.



Plan Safe Database Cleanup

Remove understood waste with a retention policy and a tested restore path.

Site / page under review

Date / visitor state / device

Guided Task

1. Back up the database and identify the restore owner.
2. Run the GT Performance scan and inspect record ownership.
3. Choose a conservative staging cleanup, then check content and relevant tasks.

Category / Owner	Retention / Restore Evidence	Keep / Clean / Defer

Selected scope and expected benefit

Unknown ownership or data that must be retained

Complete When

Every selected category has ownership, retention and restoration evidence.



Plan Safe Database Cleanup Reasoning Check

Try the questions before reading the answer guidance. This is a teaching scenario, not a measured result from your site.

Scenario

A scan finds old revisions, a large options payload and a table owned by an active commerce plugin.

Which findings justify immediate broad deletion?

What should a successful cleanup comparison measure?

Answer Guidance

1. None without ownership and retention decisions. Revisions offer recovery, options may be active and commerce records may be essential.
2. Measure the intended storage or uncached-task benefit, then confirm content and functions. A lower row count alone is insufficient.

What I will verify on my own site

Keep passwords, API tokens and private customer data out of this workbook.



Check the Edge Policy

Use eligible edge caching without competing rules or private-content reuse.

Site / page under review

Date / visitor state / device

Guided Task

1. Confirm whether a CDN or host edge service already owns HTML caching.
2. Preview GT Performance's Cloudflare rule plan if connecting Cloudflare Free.
3. Record a public request sequence, protected route behavior and purge test.

Route / State	Expected Policy	Status / Age / Content Result

Existing rule owner and overlap to resolve

Purge proof or planning notes if Cloudflare is not connected

Complete When

Public policy and private-route protection match the plan; credentials stay out of the sheet.

Check the Edge Policy Reasoning Check

Try the questions before reading the answer guidance. This is a teaching scenario, not a measured result from your site.

Scenario

An article first returns MISS, then HIT. Checkout remains DYNAMIC with the correct visitor cart.

Is this necessarily a problem?

Is a paid APO subscription needed for this course workflow?

Answer Guidance

1. No. Initial MISS followed by reusable public HIT can be expected; a personalized checkout should remain protected.
2. No. GT Performance can manage eligible HTML caching on Cloudflare Free. Other broad rules still need review.

What I will verify on my own site

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Frontend Optimization

Module Review

Choose the next action from your evidence. An unknown value is useful when it tells you what to investigate next.

The most useful evidence I collected

The change I kept, or the reason I deferred it

Required features and private-route checks

Exact rollback action and who owns it

Next investigation and the evidence it needs

Module Sign-Off

I can explain the result, reproduce the comparison and restore the previous working state.

