



Advanced Performance 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. Audit Font Loading
2. Audit Plugin Cost
3. Read Server Evidence
4. Module Review

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

Gaurav Tiwari



Audit Font Loading

Keep readable typography with only justified files and early requests.

Site / page under review

Date / visitor state / device

Guided Task

1. List requested font families, files, weights and needed character coverage.
2. Inspect cold and warm loads for fallback geometry and movement.
3. Test 1 removal, local-hosting or preload change and verify required text.

File / Family / Weight	Where Used / Characters	Keep / Remove / Preload Reason

Heading and body fallback behavior

Visual result, licensing check and rollback

Complete When

Needed styles and characters render; every retained preload has an evidence-based job.



Audit Font Loading Reasoning Check

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

Scenario

The heading changes height when its font loads. The proposed fix preloads every family and weight.

What should you inspect before accepting this?

What can make a variable font an unsuitable replacement?

Answer Guidance

1. Inspect heading fallback metrics and discovery of the essential face. Preload only when the trace supports it; compare LCP competition.
2. Its transferred size, unnecessary axes, character coverage or licensing may not fit the files actually needed.

What I will verify on my own site

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



Audit Plugin Cost

Choose keep, configure, replace or remove from measured behavior and feature needs.

Site / page under review

Date / visitor state / device

Guided Task

1. Choose 3 suspects from requests or diagnostic evidence.
2. Test 1 suspect on staging with matched conditions and feature checks.
3. Restore or keep the change and document the exact reason.

Plugin / Necessary Feature	Observed Cost / Scope	Verdict and Feature Checks

Comparison conditions and saved settings

Uninstall behavior or replacement maintenance owner

Complete When

The verdict has evidence, required features pass and rollback is recorded.

Audit Plugin Cost Reasoning Check

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

Scenario

A form stylesheet loads on all articles, but the form appears only on the contact page.

What smaller fix should you investigate first?

Does deleting plugin files prove its data is gone?

Answer Guidance

1. Check supported conditional loading so articles avoid the asset while the contact form still works.
2. No. Data retention and uninstall behavior differ. Confirm ownership before any separate database cleanup.

What I will verify on my own site

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



Read Server Evidence

Separate avoidable work from genuine capacity limits and ask support precise questions.

Site / page under review

Date / visitor state / device

Guided Task

1. Collect accessible resource and slow-request evidence with matching timestamps.
2. Inspect compression and protocol for representative responses.
3. Propose a code, schedule or capacity change with verification and recovery steps.

Request / Time	Resource or Job Evidence	Proposed Next Step

Unknowns and the support request to resolve them

Staging / scheduler verification and rollback plan

Complete When

The resource decision follows request evidence; configuration changes have a verified recovery path.



Read Server Evidence Reasoning Check

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

Scenario

Workers queue while a remote API is slow. CPU use is moderate, and someone suggests doubling the worker count.

What should you investigate first?

What must happen before disabling request-triggered WordPress cron?

Answer Guidance

1. Inspect the remote call, timeouts and reuse, plus available memory. More workers can multiply waiting work without fixing the cause.
2. Install and verify the replacement scheduler and required events before disabling the existing trigger.

What I will verify on my own site

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



Advanced Performance 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.

