

Tutor AI

Tutor AI adds a **floating chat assistant** to Moodle course pages, giving students and teachers real-time, AI-powered help **without leaving the course**. The assistant is **context-aware** (it knows what course/activity you're in) and **role-aware** (it adapts to student vs. teacher needs), with **streaming responses** inside a chat drawer.

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Overview

Tutor AI adds a **course-level chat assistant** to Moodle. It appears as a floating avatar on course pages and opens a chat drawer where users can ask questions and receive **streaming AI responses** in real time. Tutor AI is designed to be:

- **Context-aware:** it uses the current course/activity context to answer more accurately.
- **Role-aware:** it adapts responses depending on whether the user is a student or a teacher.
- **Fast and interactive:** responses are streamed (SSE) so users don't have to wait for a full response to appear.

Tutor AI depends on the **Datacurso AI Provider** and requires the provider to be installed, licensed, and correctly configured (including webservice setup). If the provider webservice is not configured, Tutor AI will display an error such as `error_webservice_not_configured`.

What it's for

- Reduce repetitive questions and support load in courses
- Help learners stay on track without leaving Moodle
- Provide guidance aligned with the course content and learning flow

Supported languages

Tutor AI supports: **es, en, de, fr, pt, id, ru**.

Recommended path (first-time users)

1. Review **Prerequisites** (provider + webservice is critical)

2. Complete **Installation**
3. Configure in **Configuration**
4. Learn the workflow in **How to use**



Prerequisites

Who is this for? Site administrators.

Teachers and students typically don't need to do anything here.

Tutor AI depends on the **Datacurso AI Provider**. Tutor AI will not work until the provider is installed, licensed, **and its webservice is configured**.

Required

1) Moodle version

- Moodle 4.5 or later

2) Datacurso AI Provider installed

- Install the **Datacurso AI Provider** plugin and complete its basic setup.

3) Datacurso AI Provider webservice configured (CRITICAL STEP)

This is required for Tutor AI to connect to the provider.

How to configure it:

1. Go to: **Site administration** → **AI** → **AI Providers** → **Datacurso**
2. Follow the on-screen instructions to **create the webservice and generate the token**.

Alternative direct path (example):

```
http://your-moodle/ai/provider/datacurso/admin/webservice_config.php
```

4) Valid license key configured in Datacurso AI Provider

- Add/configure a **valid license key** in the Datacurso AI Provider settings.

Common error

If you see:

```
error_webservice_not_configured
```

It means the Datacurso AI Provider webservice setup is missing or incomplete.



Installation

Tutor AI can be installed in two ways: **uploading a ZIP** (recommended) or **manual installation**.

Option 1: Installing via uploaded ZIP file (recommended)

1. Log in to Moodle as an administrator and go to:
Site administration → **Plugins** → **Install plugins**
2. Upload the ZIP file that contains the plugin source. Moodle should only request extra details if it cannot detect the plugin type automatically.
3. Check the validation report and finish the installation.

☐ **Expected result:** Moodle completes the installation and Tutor AI becomes available under Local plugins.

Option 2: Installing manually

1. Copy the plugin source into your Moodle installation folder:

```
{your/moodle/dirroot}/local/dttutor
```

2. Visit **Site administration** → **Notifications** to complete the installation.

Alternatively, run the CLI upgrade tool if you prefer the command line:

```
php admin/cli/upgrade.php
```

☐ **Expected result:** the upgrade completes without errors and Tutor AI is installed.

Next step (required)

After installing, complete the **Datacurso AI Provider setup**, including the **webservice configuration**, otherwise Tutor AI will show

`error_webservice_not_configured`.

Continue with:

- **Prerequisites**
- **Configuration**



Teacher configuration

Course manager: enable the chat for a specific course

1. Open the course, then click **More** → **Tutor AI** to reach the course manager.

The screenshot shows the course manager for 'Cultura digital'. The top navigation bar includes 'Pruebas IA', 'Página Principal', 'Área personal', 'Mis cursos', and 'Administración del sitio'. The course title 'Cultura digital' is displayed, along with tabs for 'Curso', 'Configuración', 'Participantes', 'Calificaciones', 'Informes', and 'Más'. The 'Más' dropdown menu is open, showing options like 'Banco de preguntas', 'Banco de contenido', 'Finalización del curso', 'Insignias', 'Competencias', 'Filtros', 'Dar de baja en este curso', 'Herramientas Externas LTI', 'Kit de Accesibilidad', 'Smart Rules AI', and 'Gestión del Tutor IA'. The 'Gestión del Tutor IA' option is highlighted. Below the menu, the 'Datos del curso' section is visible, showing 'h5p test', 'Machine Learning: Fundamentos y Aplicaciones', 'Unidad 2: Fundamentos y Aplicaciones', and a 'Wiki: Inicios de la cultura digital' section with a description and a diagram.

The screenshot shows the 'Gestión del Tutor IA' configuration page. The top navigation bar includes 'Pruebas IA', 'Página Principal', 'Área personal', 'Mis cursos', and 'Administración del sitio'. The course title 'Cultura digital' is displayed, along with tabs for 'Curso', 'Configuración', 'Participantes', 'Calificaciones', 'Informes', and 'Más'. The 'Gestión del Tutor IA' section is active, showing the 'Estado del Tutor IA' and 'Sincronización del curso' options. The 'Estado del Tutor IA' section has a toggle switch for 'Habilitar Tutor IA para este curso' which is currently disabled. Below the toggle, there is a warning message: 'El Tutor IA está actualmente deshabilitado para este curso. Los estudiantes no verán la interfaz de chat.' and a note: 'Debe sincronizar el contenido del curso antes de poder habilitar el Tutor IA.' The 'Sincronización del curso' section shows the 'Estado de sincronización' as 'No sincronizado' and a button to 'Iniciar sincronización'. The 'Ayuda' section provides information about the 'Estado del Tutor IA' and 'Sincronización del curso'.

2. The manager shows the current chat state and allows you to enable or pause the assistant.



Cultura digital

[Curso](#) | [Configuración](#) | [Participantes](#) | [Calificaciones](#) | [Informes](#) | [Más](#) ▼

Gestión del Tutor IA

Estado del Tutor IA

Habilitar Tutor IA para este curso

Quando está habilitado, el Tutor IA estará disponible para estudiantes y profesores en este curso. La configuración global del plugin también debe estar habilitada.

⚠ El Tutor IA está actualmente deshabilitado para este curso. Los estudiantes no verán la interfaz de chat.

Sincronización del curso

Estado de sincronización: Sincronizado

🕒 Última sincronización: jueves, 19 de febrero de 2026, 14:44

[▶ Iniciar sincronización](#)

Ayuda

Estado del Tutor IA

Quando está habilitado, el Tutor IA estará disponible para estudiantes y profesores en este curso. La configuración global del plugin también debe estar habilitada.

Sincronización del curso

Sincronización del curso



3. Save changes and wait a moment for the status to synchronize.



Cultura digital

[Curso](#) | [Configuración](#) | [Participantes](#) | [Calificaciones](#) | [Informes](#) | [Más](#) ▼

Cambios actualizados ✕

Gestión del Tutor IA

Estado del Tutor IA

Habilitar Tutor IA para este curso

Quando está habilitado, el Tutor IA estará disponible para estudiantes y profesores en este curso. La configuración global del plugin también debe estar habilitada.

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Sincronización del curso

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[▶ Iniciar sincronización](#)

Ayuda

Estado del Tutor IA

Quando está habilitado, el Tutor IA estará disponible para estudiantes y profesores en este curso. La configuración global del plugin también debe estar habilitada.

Sincronización del curso

Sincronización del curso



⚠ TEACHER CONFIGURATION (USE VS. ADVANCED SETTINGS)

Tutor AI can be **used inside a course without a admin enabling it at the site level** (as long as the administrator has installed it and prerequisites are met).

However, to **change prompts, the welcome message, tutor name, avatar, or off-topic detection**, you need access to the plugin's global settings (site administrator).

→ Full guide: **Configuration**



Teacher Guide

Landing page for teachers using Tutor AI: how to turn it on in a course, configure prompts and availability, and support students in using the tutor safely.



Quickstart + How to use (Tutor AI)

This page combines the **Quickstart** (get it working fast) and **How to use** (student/teacher workflows) to avoid duplicated steps.

□ **Outcome:** The floating Tutor AI avatar appears in a course and users can complete a full question → streaming answer interaction.

Before you start (critical)

You must have:

- **Moodle 4.5+**
- **Datacurso AI Provider** installed and **licensed**
- **Datacurso AI Provider webservice configured (CRITICAL)**

If the webservice is not configured, Tutor AI will show:

`error_webservice_not_configured.`

Recommended: verify the provider setup first (see **Prerequisites**).

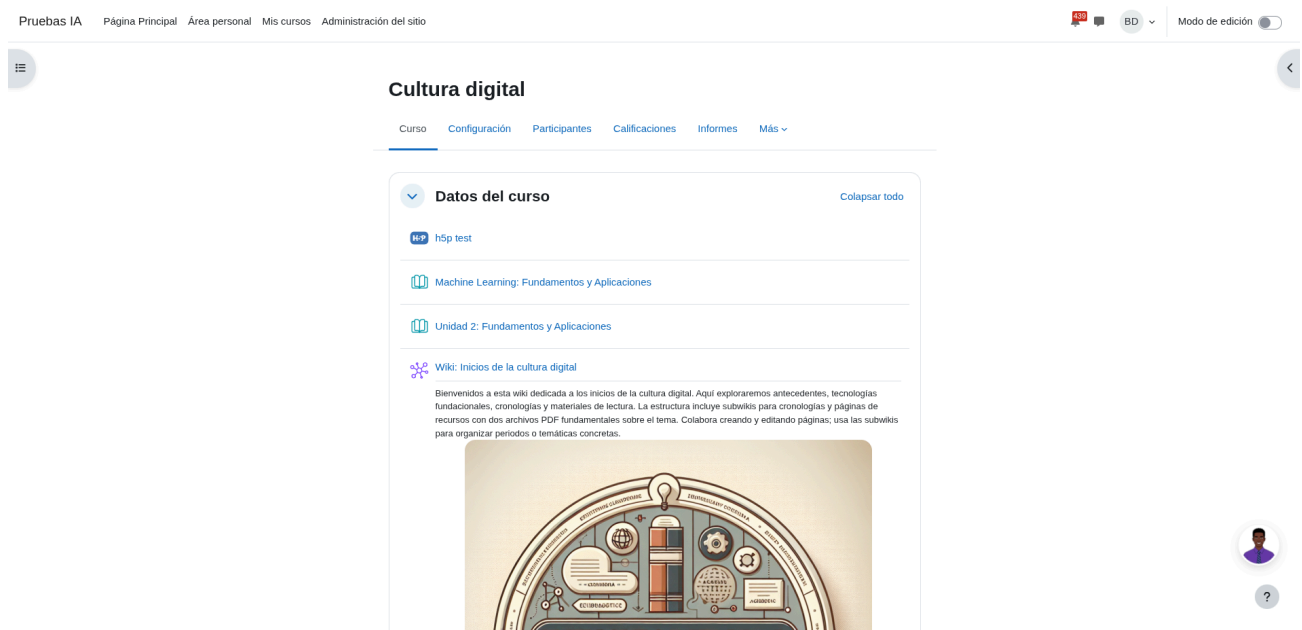
⚠ TEACHER CONFIGURATION (PER COURSE)

Teachers can enable or pause Tutor AI **inside a specific course** using the **Course manager** (More → Tutor AI). This is the place to manage availability for learners at the course level.

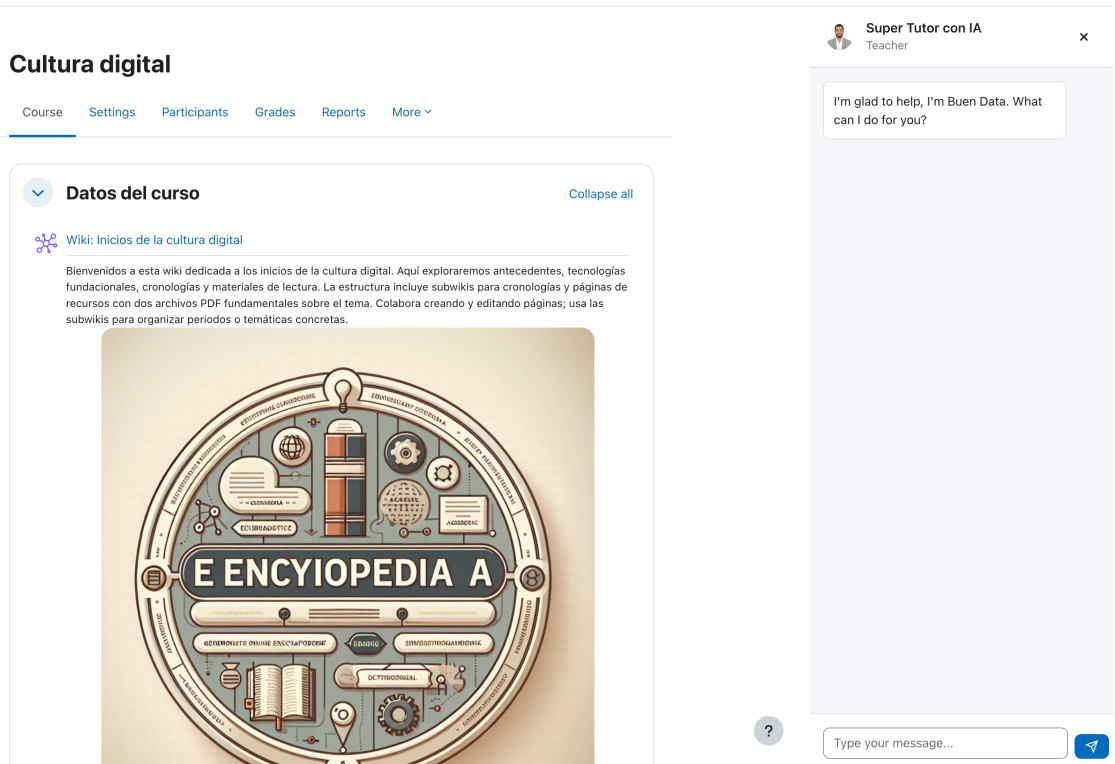
→ See step-by-step: **Teacher configuration**

Quickstart: Open a course and start a chat

1. Enter any course page.
2. Look for the **floating avatar** (bottom corner).



3. Click it to open the chat drawer.



4. Ask a simple question, for example:
 - “What should I do first in this course?”
 - “Summarize what this activity is asking me to do.”

□ **Expected result:** Tutor AI replies with a **streaming response**.

Student: Ask questions inside a course

What students will see

A **floating avatar button** appears on the course page. Clicking it opens a chat drawer.

What to ask (examples)

- “What should I do first in this course?”
- “Summarize the instructions for this activity.”
- “Explain this concept in simpler terms.”

□ **Expected result:** Tutor AI replies in the chat with a **streaming response**.

Teacher: Support learners faster

Teachers use the same chat UI, but Tutor AI can respond differently based on role (role-aware behavior).

Common teacher uses

- Suggest how to explain an activity more clearly
- Help answer repetitive learner questions
- Summarize what learners are struggling with (based on the current context)

What to ask (examples)

- “How can I explain this activity more clearly?”
- “What are common misunderstandings learners might have here?”
- “Give me a short checklist for students to complete this activity.”

□ **Expected result:** Tutor AI provides practical, course-aware guidance.

Course manager: enable the chat for a specific course

To confirm the chat is enabled for a specific course (or to pause/enable it):

If the chat does not work

- If you see `error_webservice_not_configured`, complete the Datacurso AI Provider webservice setup (required):
 - See **Prerequisites**.

Configuration

Who is this for? Site administrators.

Tutor AI is configured at the site level. Use these settings to enable the chat, choose how it appears inside courses, and customize the tutor's behavior.

1) Open Tutor AI settings

In Moodle, go to:

Site administration → **Plugins** → **Local plugins** → **Tutor AI**

Pruebas IA Página Principal Área personal Mis cursos Administración del sitio

Administración del sitio

General Usuarios Cursos Calificaciones **Extensiones** Apariencia Servidor Informes Desarrollo

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test site

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Tutor AI

Enable Chat Default: Yes
local_dttutor | enabled

Enable or disable the Tutor-AI chat globally

Enable off-topic detection Default: Yes
local_dttutor | off_topic_detection_enabled


When enabled, the AI tutor will detect and respond to off-topic messages according to the strictness level configured below.


Off-topic strictness Default: Permissive
local_dttutor | off_topic_strictness


Control how strict the off-topic detection is. Permissive allows more flexibility, while strict enforces course-related conversations only.


Tutor-AI avatar


Tutor-AI avatar
local_dttutor | avatar



Avatar 1



Avatar 2



Avatar 3



Avatar 4



Avatar 5


Avatar 6


Avatar 7


Avatar 8


Avatar 9


Avatar 10

Default: 01

Select the avatar to display on the Tutor-AI floating chat button. If none is selected or the file does not exist, Avatar 1 will be used by default.



This screenshot captures the top of the settings page (scroll position 1) where the global toggles live.

2) Enable the chat (required)

Turn on **Enable chat** so the floating avatar shows up inside course pages.

Preview

Avatar position
local_dttutor | avatar_position_data

Position preset

- Bottom right corner
- Bottom left corner
- Custom position

Drawer opening side

Open from right

Choose from which side the chat drawer will open. This is independent of the avatar button position.

Live Preview

Position: right corner | Drawer: right

Default: {\"preset\":\"right\", \"x\":\"2rem\", \"y\":\"6rem\"}

Configure where the Tutor-AI floating avatar button will be displayed. Choose a preset corner position or customize the exact X,Y coordinates. The live preview shows how it will appear.

Tutor Customization

If the avatar does not appear after enabling, verify you saved changes and that the Datacurso AI Provider webservice is configured (see **Prerequisites**).

3) Off-topic detection (recommended)

Enable **Off-topic detection** and configure the response behavior to keep Tutor AI focused on course questions.

Tutor Customization

Welcome message
local_dttutor | welcomemessage

I'm glad to help, I'm {teachername}. What can I do for you?

Default:

Hello! I'm {teachername}, your AI assistant. How can I help you today?

Customize the welcome message displayed when the chat is opened. You can use placeholders: {teachername}, {coursename}, {username}, {firstname}

Tutor name
local_dttutor | tutorname

Super Tutor con IA y todo

Default: AI Tutor

Configure the name to display in the chat header. You can use {teachername} to show the actual teacher's name from the course, or enter a custom name. Examples: "{teachername}" will show "John Doe", "AI Assistant" will show "AI Assistant".

Custom prompt
local_dttutor | custom_promptSe muy respetuoso con los usuarios.
Solo habla de manera profesional
las respuestas deben ser lo mas cortas posibles, no importa si el usuario pide textos mas largos.

Default: Empty

Custom instructions to control the AI tutor behavior. Use this field to provide specific guidelines, tone, or knowledge boundaries for the tutor.

[Save changes](#)

4) Choose the avatar and drawer layout

Configure:

- Avatar style (or upload/select a character)
- Avatar position on the page
- Chat drawer side (**left** or **right**)
- Preview to confirm placement

Preview



Avatar position
local_dttutor | avatar_position_data

Position preset

Bottom right corner

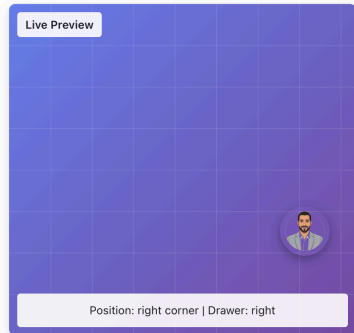
Bottom left corner

Custom position

Drawer opening side

Open from right

Choose from which side the chat drawer will open. This is independent of the avatar button position.



Default: {"preset":"right","x":"2rem","y":"6rem"}

Configure where the Tutor-AI floating avatar button will be displayed. Choose a preset corner position or customize the exact X,Y coordinates. The live preview shows how it will appear.

Tutor Customization



5) Customize the tutor's identity and prompt

Set the **Tutor name**, **Welcome message**, and optionally a custom prompt that uses placeholders such as `{ $a->username }`, `{ $a->fullname }`, and `{ $a->role }`.

Tutor Customization

Welcome message
local_dttutor | welcomemessage

I'm glad to help, I'm {teachername}. What can I do for you?

Default:

Hello! I'm {teachername}, your AI assistant. How can I help you today?

Customize the welcome message displayed when the chat is opened. You can use placeholders: {teachername}, {coursename}, {username}, {firstname}

Tutor name

local_dttutor | tutorname

Super Tutor con IA y todo

Default: AI Tutor

Configure the name to display in the chat header. You can use {teachername} to show the actual teacher's name from the course, or enter a custom name. Examples: "{teachername}" will show "John Doe", "AI Assistant" will show "AI Assistant".

Custom prompt

local_dttutor | custom_prompt

Se muy respetuoso con los usuarios.
Solo habla de manera profesional
las respuestas deben ser lo mas cortas posibles, no importa si el usuario pide textos mas largos.

Default: Empty

Custom instructions to control the AI tutor behavior. Use this field to provide specific guidelines, tone, or knowledge boundaries for the tutor.

Save changes

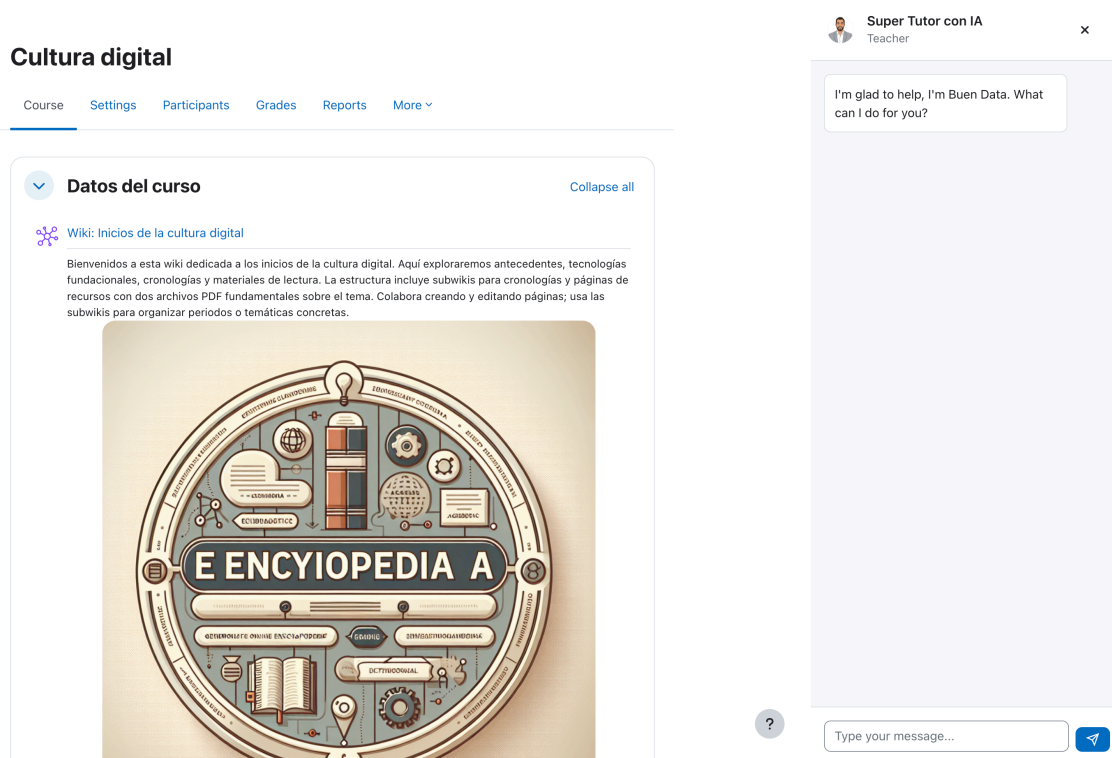


💡 PROMPT BEST PRACTICE

Keep the prompt short and action-oriented. Start simple, observe real learner questions, then refine.

6) Validate the configuration (fast check)

1. Open any course page.
2. Confirm the floating avatar appears in the corner.
3. Open the drawer and ask a quick question to see the streaming response.



The screenshot shows a course page titled "Cultura digital" with a navigation bar containing "Course", "Settings", "Participants", "Grades", "Reports", and "More". Below the navigation bar, there is a section titled "Datos del curso" with a "Collapse all" button. Underneath, a "Wiki: Inicios de la cultura digital" is displayed, featuring a detailed circular infographic with the word "ENCICLOPEDIA A" in the center. The infographic includes various icons representing digital culture, such as a globe, a book, a gear, and a lightbulb. To the right of the course page, a floating chat window is visible, titled "Super Tutor con IA" and "Teacher". The chat window contains a message: "I'm glad to help, I'm Buen Data. What can I do for you?". At the bottom of the chat window, there is a text input field with the placeholder "Type your message..." and a blue send button.

If you see `error_webservice_not_configured`, return to **Prerequisites** to finish the provider setup.

Troubleshooting

This section lists the most common issues when using Tutor AI and how to resolve them.

Tutor AI opens, but responses never arrive (no streaming reply)

Most common causes:

- Provider webservice/token is not valid.
- Network blocks streaming (SSE) connections.
- Provider is not licensed or not responding.

What to do:

1. Verify the provider webservice is configured (see **Prerequisites**).
 2. Confirm the Datacurso AI Provider is licensed (license key configured).
 3. Try from a different network/environment to rule out SSE blocking.
-

Responses are not course-related (too generic)

Most common causes:

- Custom prompt is too broad or missing.
- Off-topic detection is disabled (optional).

What to do:

1. Go to **Tutor AI settings** and add a short, course-focused prompt.
2. Enable **off-topic detection** if you want the assistant to redirect unrelated questions.

Tutor Customization

Welcome message
local_dttutor | welcomemessage

I'm glad to help, I'm {teachername}. What can I do for you?

Default:

Hello! I'm {teachername}, your AI assistant. How can I help you today?

Customize the welcome message displayed when the chat is opened. You can use placeholders: {teachername}, {coursename}, {username}, {firstname}

Tutor name
local_dttutor | tutorname

Super Tutor con IA y todo

Default: AI Tutor

Configure the name to display in the chat header. You can use {teachername} to show the actual teacher's name from the course, or enter a custom name. Examples: "{teachername}" will show "John Doe", "AI Assistant" will show "AI Assistant".

Custom prompt
local_dttutor | custom_promptSe muy respetuoso con los usuarios.
Solo habla de manera profesional
las respuestas deben ser lo mas cortas posibles, no importa si el usuario pide textos mas largos.

Default: Empty

Custom instructions to control the AI tutor behavior. Use this field to provide specific guidelines, tone, or knowledge boundaries for the tutor.

[Save changes](#)

Tip: Use the templates in the [Prompts Guide](#).

Off-topic detection is blocking valid questions

Cause: The setting is too strict for your course context.

What to do:

1. Disable off-topic detection temporarily to test.
2. Adjust your custom prompt to clearly define what is considered on-topic.

Tutor Customization

Welcome message
local_dttutor | welcomemessage

I'm glad to help, I'm {teachername}. What can I do for you?

Default:

Hello! I'm {teachername}, your AI assistant. How can I help you today?

Customize the welcome message displayed when the chat is opened. You can use placeholders: {teachername}, {coursename}, {username}, {firstname}

Tutor name
local_dttutor | tutorname

Super Tutor con IA y todo

Default: AI Tutor

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las respuestas deben ser lo mas cortas posibles, no importa si el usuario pide textos mas largos.

Default: Empty

Custom instructions to control the AI tutor behavior. Use this field to provide specific guidelines, tone, or knowledge boundaries for the tutor.

Save changes

?

Placeholders in the prompt are not working

Tutor AI supports placeholders in the custom prompt, such as:

- `{a->username}`
- `{a->fullname}`
- `{a->role}`

What to do:

1. Confirm you are using the placeholder exactly as shown.
2. Keep placeholders inside the prompt field (do not modify the syntax).

Tutor Customization

Welcome message
local_dttutor | welcomemessage

I'm glad to help, I'm {teachername}. What can I do for you?

Default:
Hello! I'm {teachername}, your AI assistant. How can I help you today?

Customize the welcome message displayed when the chat is opened. You can use placeholders: {teachername}, {coursename}, {username}, {firstname}

Tutor name
local_dttutor | tutorname

Super Tutor con IA y todo Default: AI Tutor

Configure the name to display in the chat header. You can use {teachername} to show the actual teacher's name from the course, or enter a custom name. Examples: "{teachername}" will show "John Doe", "AI Assistant" will show "AI Assistant".

Custom prompt
local_dttutor | custom_prompt

Se muy respetuoso con los usuarios.
Solo habla de manera profesional
las respuestas deben ser lo mas cortas posibles, no importa si el usuario pide textos mas largos.

Default: Empty

Custom instructions to control the AI tutor behavior. Use this field to provide specific guidelines, tone, or knowledge boundaries for the tutor.

[Save changes](#)



Administrator Guide

Overview of site-level setup for Tutor AI: prerequisites, enabling the plugin, and default options so course teachers can safely offer AI tutoring.



Tutor AI plugin permissions

The following table summarises the main permissions used by the **Tutor AI** plugin and their default role assignments.

Name	Description	Default roles
<code>local/dttutor:use</code>	Use Tutor AI inside a course (open the chat and interact with it).	Manager, Editing teacher, Teacher, Student, Authenticated user

`local/dttutor:use`

Allows users to use **Tutor AI** inside a course.

With this permission, a user can:

- See the Tutor AI floating avatar button (when Tutor AI is enabled and available in that context).
- Open the chat drawer.
- Send messages and receive responses.

Note: If Tutor AI is enabled but a user does not see the chat in a course, the first permission to verify is `local/dttutor:use` for that user's role in that course.

Changelog

Centralized record of all changes made to the project across versions. This section provides a chronological overview of new features, improvements, bug fixes, and breaking changes introduced in each release.

Use this page to track the evolution of the project, understand what has changed between versions, and identify updates that may require configuration changes or code adjustments.

Each entry includes the version number, release date, and a summary of the modifications introduced in that version.



Version v2.0.4

Release date: 2026-02-02T23:27:21Z

Summary

This version includes improvements and updates focused on configuration flexibility, translation coverage, and clearer version history.

Changes

Added

- **Individual chat history per user:** Chat sessions are now tied to individual users instead of being shared at the course level, improving privacy and ensuring each user only sees their own conversation history.
- **User-scoped session cache keys:** Session cache keys have been updated from `session_{courseid}` to `session_{courseid}_{userid}` to enforce per-user isolation and prevent accidental cross-user access.
- **API support for user-scoped sessions:** The `/chat/start` endpoint now accepts a `user_id` parameter, and `start_session()` has been updated to take `userid`, enabling consistent user attribution across services.
- **Synchronization validation before enabling the AI Tutor:** The AI Tutor cannot be enabled until course indexing is complete, preventing activation before content is ready and avoiding inconsistent user experiences.
- **UI guardrails for enablement:** The manage UI disables the enable/disable toggle when `indexing_status !== 'completed'` and provides an alert explaining the synchronization requirement.
- **Localized enablement error messaging:** Added the `tutor_enable_requires_indexing` string across all 7 supported languages

to provide clear, consistent user feedback.

Changed

- **Web service calls now pass the current user ID:** All relevant external services have been updated to include the active `userid`, aligning behavior with the new per-user session model.
- **Session lifecycle behavior:** Sessions are now created and maintained per user automatically, rather than reusing a single course-wide session context.

Fixed

- **Secure chat session deletion:** `delete_chat_session` now uses `courseid+cmid` rather than an arbitrary `sessionid`, preventing cross-user session deletion and strengthening session boundary enforcement.

Compatibility

- **Moodle requirement:** `>= 4.5 (2024042200)`.
- **Dependency requirement:** `aiprovider_datacurso: >= 2024100100`.

Notes

- **Breaking change — session invalidation:** Sessions created before this update are invalidated due to the cache key change; new per-user sessions will be created automatically and no manual user action is required.
- **Upgrade impact (from v2.0.3):** No database or configuration changes are required, but users will start with fresh chat history because previous course-wide history is not migrated.
- **Release information:** Plugin version `2026020201`, release `2.0.4`, maturity `MATURITY_STABLE`.

- **Reference:** Full details are maintained in `CHANGELOG.md` at https://github.com/industria-elearning/moodle-local_dttutor/blob/main/CHANGELOG.md.
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Notes

- If you manage multiple Moodle environments, verify the configured DataCurso service URL matches your deployment (standard vs EU-hosted).
- After updating, confirm the plugin version is correctly reflected in Moodle's plugin overview.

