

AISS Project implementation

The AISS project continues to demonstrate how artificial intelligence can be responsibly integrated into higher education. Recent pilots at **Florida Universitatària (Spain)** and the **University of Bayreuth (Germany)** showcased both the practical use of AI-powered learning tools and the added value they bring to teaching and learning.

From 15 to 21 September 2025, Florida Universitatària carried out a pilot session of the AISS course with 25 students enrolled in the *"Digitisation Applied to the Production Process (GS)"* course within the 2nd DAM Semi programme. Using the Florida Moodle platform, participants explored how to interact with the project's chatbot to access course materials, answer questions, navigate content, and receive reminders. The pilot achieved its objectives: students successfully tested the three core outcomes of the AISS project, improved their competence in programming, and provided valuable feedback on the usability and reliability of the AI tools. Their engagement confirmed that AI can support students in managing learning tasks more effectively while fostering subject-specific knowledge.

While general-purpose AI systems often rely on massive, heterogeneous datasets, the Bayreuth pilot pursued a more targeted and responsible path. The AISS team developed a dedicated chatbot within Microsoft Copilot, trained exclusively on carefully selected subject-specific materials such as datasheets, manuals, and relevant course content. This tailored approach ensured that the chatbot produced accurate, relevant, and safe responses to both organisational and subject-related queries. Students in the *"Microcontrollers"* course confirmed that this domain-specific system outperformed generic AI tools, demonstrating the benefits of grounding AI in trusted academic resources. These findings were presented at a seminar hosted by the Faculty of Engineering Science at the University of Bayreuth. Professors *Gerhard Fischerauer* and *Natalia Morkun*, together with M.Sc. *Niklas Krug* from the Chair of Measurement and Control Systems, shared insights into the design, technical development, and pedagogical rationale of the AISS chatbot.

The pilots in Spain and Germany confirm the potential of AI to support learning when applied responsibly and with clear pedagogical goals. By combining technological innovation with academic integrity, the AISS project is setting a benchmark for how AI can be embedded into higher education teaching in a transparent, reliable, and student-centred way.

Chat logs

Si deseas devolver múltiples valores en una sola cadena s... 17 hours ago
como puedo sacar por consola todo junto sin la coma? return "importe ...

No, in a 'for' loop using 'range()', the variable 'i' does not st... 1 day ago
in a for loop for example for i in range(3), does i always start at 0?

¡Perfecto! Me alegra que la explicación sobre las tuplas hay... 2 days ago
si me refería a eso

Para rellenar una lista con 100,000 valores aleatorios entre... 4 days ago
y con el operador *?

El código que has proporcionado tiene un error en la forma... 4 days ago
mi_lista = [AS, B, 25, B, 2, B] del removed(list): list.remove(B)

Aquí tienes un programa en Python que define las funcione... 4 days ago
Definir un programa que contenga el siguiente conjunto de funciones...

Estoy aquí para ayudarte con preguntas y desafíos relacion... 5 days ago
hola ayudame a aprender python

La función 'round(x, y)' en Python se utiliza para redondea... 9 days ago
Que hace exactamente la función 'round(x, y)' en python?

Claro, aquí tienes un ejemplo de un bucle 'while' que utiliza... 9 days ago
hazme un bucle while con una función que salude 10 veces

Here's how you can perform the exercise in Python: "pyth... 9 days ago
Create a list by initializing its elements in the declaration. Assign one of L...

Widget or frame

Chat Details

Puedes concatenar los valores en una cadena utilizando el operador '+' y asegurarte de convertir los valores a cadenas si es necesario:

```
def mostrar_precios(precio, total):
    return "Importe de gastos del medio: " + str(precio, total)
```

Ejemplo de uso
precio, total = 35.58
resultado = mostrar_precios(precio, total)
print(resultado) # Salida: Importe de gastos del medio: 35.5

Usando f-strings (Python 3.6 y superior)

Otra forma más moderna y legible es usar f-strings, que permiten incluir variables directamente en la cadena:

```
def mostrar_precios(precio, total):
    return f"Importe de gastos del medio: {precio, total}"
```

Ejemplo de uso
precio, total = 35.58
resultado = mostrar_precios(precio, total)
print(resultado) # Salida: Importe de gastos del medio: 35.5

Resumen

Ambas formas te permiten devolver una cadena que incluye el texto y el valor de 'precio, total' sin comas. Puedes elegir la que prefieras según tu estilo de codificación o la versión de Python que estés utilizando. Si tienes más preguntas o necesitas más ayuda, ¡proyéctalas en cualquier momento!

4.8/5 17 hours ago Revisar detalles

Co-funded by the European Union

About this Course

This course was developed with the support of AI-powered assistance (ChatGPT) to help curate, summarize, and structure technical content based on official Arm Cortex-M4 Processor and STM32 documentation, including datasheets, user manuals, and Arm architectural references.

The goal was to create a clear, beginner-friendly learning path while staying faithful to verified sources.

All technical descriptions, diagrams, and workflows were based on materials published by **STMicroelectronics** and **Arm Ltd.**

A original version of this course is being developed in German, supported by a dedicated AI assistant to help learners interact with materials, answer questions, and explore embedded systems concepts on demand.

This project also demonstrates how instructors can use large language models to co-design meaningful educational content - from theory snapshots to interactive labs.




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Final AISS project meeting

On **June 24–25 in Bayreuth**, the AISS project team gathered for the **final project meeting**, bringing together partners from across the consortium.

The two-day event was both **intense and inspiring**, filled with discussions, progress updates, and reflections on the project's journey.

As we move into the **pilot phase** and prepare for **dissemination workshops**, we look forward to testing our solutions in real-world settings and sharing our achievements with a wider audience.



www.FloridaUniversitaria.es
Coordinator



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The Pontifical University
of John Paul II
in Krakow

<https://upjp2.edu.pl>



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<https://ktu.edu/>

AISS dissemination events



In recent months, the AISS consortium has actively presented project results and insights at dissemination events across Europe. These activities engaged students, teachers, and higher education professionals in discussions on the role of AI in education and offered opportunities to test the tools developed by the project.

- **Kraków (June 3, 2025):** 20 participants explored AI-powered assistants, multimedia modules, and strategies for higher education.
- **Bayreuth (July 23, 2025):** A seminar highlighted practical approaches to integrating AI in teaching.
- **Kaunas (September 25, 2025):** Over 70 teachers exchanged experiences with AI in education.
- **Valencia (September 25, 2025):** 20 participants joined to learn about AISS outcomes.

Together, these events fostered dialogue, collaboration, and valuable feedback that will guide the final project phase.