



# Industrial & Public AI Challenge

Ready to make a real impact in the local industry and public administration? Dive into the AI Challenge!

**WIN A 400 € PRIZE!**

**Apply by:  
19 September 2025**



## — HOW IT WORKS



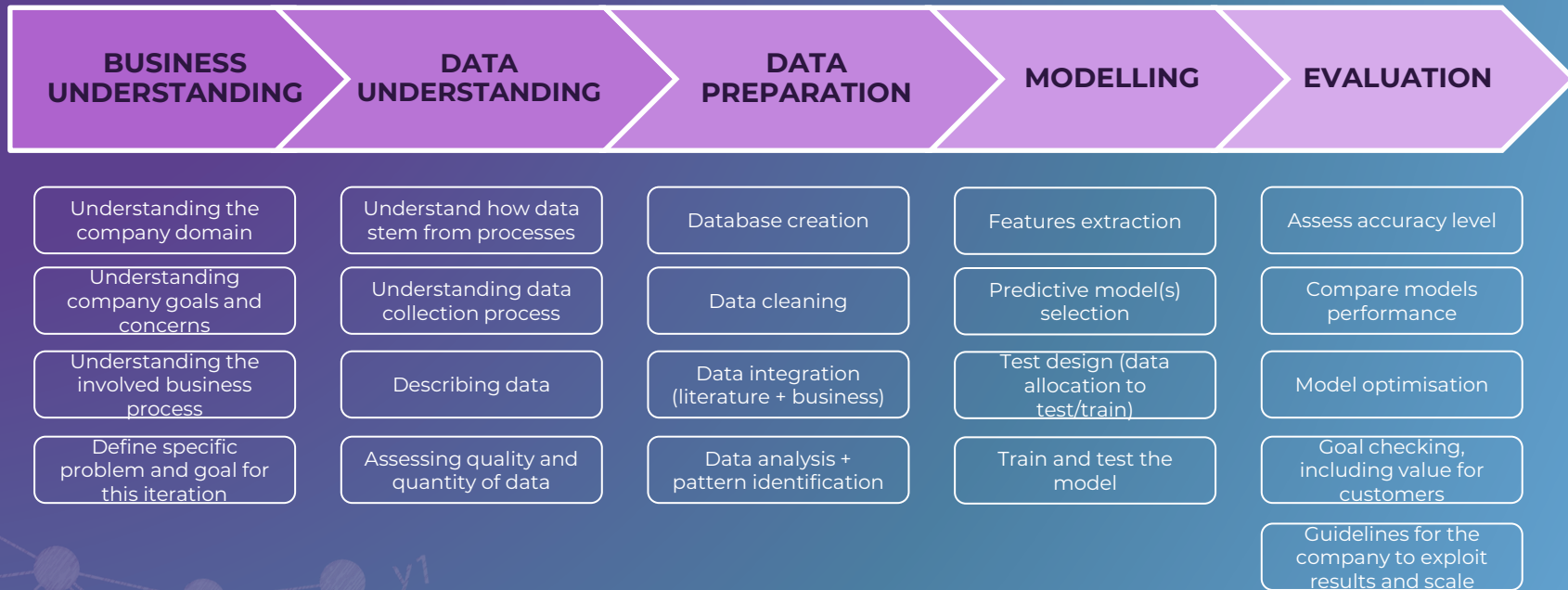
400 € prize  
+ 3 CFUs Type F

5 selected companies

MSc and PhD students with  
multidisciplinary background  
(ICT, data science, industrial  
engineering, mathematics,  
physics, management)

Algorithms & code  
on GitHub. IPR  
owned by  
companies

# PROCESS MODEL



# PARTICIPATING COMPANIES

(2021, 2022, 2023, 2024 editions)



## ADIGE BLM



Develop a **model capable of monitoring in real time the wear condition of optics in laser cutting machines**, in order to promptly detect potential defects and improve process control during operations.



BLM GROUP

ADIGE



## \_ CONCAST - Trentingrana



Develop an **AI-based tool to estimate and optimize the carbon footprint of the Trento production facility**, supporting the management of internal energy sources.

  
CONSORZIO dei CASEIFICI SOCIALI TARENTINI

## \_ FEDRIGONI



Develop a predictive model to **estimate the output of the converting area and improve volume management**, with the goal of ensuring service levels and meeting lead times.



## \_ LINCOTEK



Develop an **AI model to automate quality control of coatings on hip prostheses**, with the goal of identifying production defects and reducing reliance on manual inspection.

**Lincotek**  
Medical



# \_ ZUCCHETTI



Develop an **artificial intelligence system** **that**, by analyzing anonymized historical data, **can automatically assign the category and priority of support tickets**, reducing errors and inefficiencies in manual classification.



# Agenzia Provinciale per la Protezione \_ dell'Ambiente



Use **historical air quality and meteorological data** to create a model that identifies **atmospheric conditions favorable to the transport of pollutants** from areas outside the province, estimating their impact and supporting the air quality management strategy.



AGENZIA PROVINCIALE  
PER LA PROTEZIONE DELL'AMBIENTE

## \_ Servizio Libro Fondiario e Catasto (PAT)



Development of an **AI-based algorithm** to **support the assignment of cadastral classifications** by comparing similar properties, with the goal of improving process efficiency.



PROVINCIA AUTONOMA DI TRENTO

## \_ Emergency Call Centre Unit (112)



Development of an algorithm capable of **predicting call peaks to the Single Emergency Number 112 and detecting anomalies in call flows in real time.**



## \_ Trentino School of Management & PAT



Develop an AI model to support the **personalization of training pathways** for public sector staff in Trentino, **by classifying acquired skills and performing predictive analysis of training needs** based on the data already available.





# — INDUSTRY MENTORS



Federico Lucca



Luca Di Persio



Mattia Di Iorio



Denis Miorandi



Jonni Malacarne



Vieri Emiliani



Matteo Gerola



Daniele Passabì



Nicola Conci



Marco Formentini



Stefano Di Persio

# RESEARCH MENTORS



Nicolò Lazzaro



Francesca Bovolo



Nicola Cracchi  
Bianchi

**deda.next**



Maurizio Napolitano



Giovanni Iacca



Alessandro Prada



## TIMELINE 2025 EDITION

Application  
deadline

**19 September**

Kickoff  
meeting

**29 September**

Execution of the Challenge

Final Event

**12 December**

# — HOW TO APPLY



Apply now and be  
part of the next AI  
Challenge team!



INDUSTRIAL & PUBLIC  
AI CHALLENGE


HR



INDUSTRIAL  
AI CHALLENGE

## Application for Solvers - Industrial & Public AI Challenge 2025

Ready to make a real impact in the local industry and public administration? Dive into the AI Challenge!

 **DEADLINE:** September 19th, 2025 - h 23:59.

### WHO CAN PARTICIPATE?

► We're seeking passionate innovators with a background in math, data science, computer science, AI, machine learning or project management.

### WHEN DOES THE INITIATIVE START?

► Public AI Challenge: September 29, 2025 to December 11, 2025.  
► Industrial AI Challenge: September 29, 2025 to December 16, 2025.


### HOW TO APPLY?

Fill out this form completely and do not forget to send your CV to [ai-challenge@trentinoinnovation.eu](mailto:ai-challenge@trentinoinnovation.eu)

### IS THERE A PRIZE?

► Each member of the winning team will receive a €400 prize.  
► Participating students from DISI and DII will get 3 extra ECTS (Type F).

### CAN I PARTICIPATE WITH OTHER COLLEAGUES?

Yes! Send this form to your friends and colleagues – you might join as a team! 

### PARTICIPATING ORGANIZATIONS FROM PREVIOUS EDITIONS

► Companies: [here](#)  
► Public Administration Departments: [here](#)

Before applying be sure to have read the Selection Notice available at this webpage:  
<https://www.trentinoinnovation.eu/en/innovate/innovation-tools/ai-challenge/ai-challenge-for-students/>

## WHY JOINING

- Apply your knowledge
- Build your soft skills
- Get hired by companies
- Get additional ECTS
- Know people & have fun
- 400€ PRIZE!







**APPLY! >**



**LINK WEBSITE:** [www.trentinoinnovation.eu/en/ai-challenge](http://www.trentinoinnovation.eu/en/ai-challenge)

**EMAIL:** [ai-challenge@trentinoinnovation.eu](mailto:ai-challenge@trentinoinnovation.eu)