

INESC TEC | Research Grant (AE2025-0422) INESC TEC

Direct Link: <https://www.AcademicKeys.com/r?job=262701>

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Posted Sep. 18, 2025, set to expire Jan. 18, 2026

Job Title	INESC TEC Research Grant (AE2025-0422)
Department	CRACS
Institution	INESC TEC PORTO, , Portugal
Date Posted	Sep. 18, 2025
Application Deadline	Oct. 1, 2025
Position Start Date	Sep. 18, 2025
Job Categories	Graduate Student
Academic Field(s)	Computer Science Engineering - Other
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Job Description	

Research Opportunities

Computer Science

Work description

1. Test GAN models: Compare leading GANs for tabular data, focusing on fairness and attribute consistency.
2. Try LLMs: Use open-source LLMs with prompts adapted for generating tables.
3. Compare quality: Check how well the synthetic data matches real data and supports predictive

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tasks.

4. Create new metrics: Design metrics that combine statistical similarity with task performance.
5. Publish results: Write and submit a paper to a conference or journal.

Academic Qualifications

- BSc in Computer Science, Computer Engineering or similar

Minimum profile required

- Enrolled in a Master's program in the relevant admission area.
- Knowledge of Machine Learning techniques.

Preference factors

- Enrolled in dissertation, project, or another course unit leading to the thesis writing.
- Grade average above 16.
- Proven practical experience in programming with R and RStudio.
- Knowledge of Data Visualisation and Multivariate Analysis.

Maintenance stipend: € 1040.98, according to the table of monthly maintenance stipend for FCT grants, paid via bank transfer. Grant holders may be awarded potential supplements, according to a quarterly evaluation process (Articles 19, 21 and 22 of the Regulations for Grants of INESC TEC and Annex II), up to a maximum limit of 50% of the monthly maintenance stipend.

INESC TEC supports costs with registration, enrolment or tuition fees, during the grant duration, under the terms established in the internal document: "Payment of Tuition fees to grant holders".

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The grant holder will benefit from health insurance, supported by INESC TEC.

Application Period

Since 18 Sep 2025 to 01 Oct 2025

Centre

Advanced Computing Systems

Scientific Advisor

[Álvaro Figueira](#)

What we offer

- **Multicultural and collaborative environment**
- A multicultural, international and collaborative environment that makes it easier to exchange ideas, work in networks and create synergies.
- **International projects**
- The possibility of working in international projects with some of the most important companies in the field.
- **Mentoring**
- Mentoring with the best researchers in the fields of electrical and industrial engineering, bioengineering, information technology and physics.
- **Self Improvement**
- The possibility of participating in international conferences, workshops, seminars and vocational training.
- **Other Benefits and Perks**
- Flexible working time, health insurance, discounts in hotels, transportation, etc.

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Portugal

Contact E-mail rh@inesctec.pt