

INESC TEC | Research Grant (AE2025-0269) INESC TEC

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Posted Jul. 3, 2025, set to expire Nov. 2, 2025

Job Title	INESC TEC Research Grant (AE2025-0269)
Department	LIAAD
Institution	INESC TEC PORTO, , Portugal
Date Posted	Jul. 3, 2025
Application Deadline	Aug. 31, 2025
Position Start Date	Jul. 3, 2025
Job Categories	Graduate Student
Academic Field(s)	Engineering - Other Computer Science
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Job Description	

Research Opportunities

Artificial Intelligence

Work description

The workplan begins with the analysis and preprocessing of historical data, focusing on identifying relevant variables, handling missing and noisy data, transforming textual variables, and storing the data on appropriate platforms. In the second phase, both global models (predicting overall product acceptability) and local models (predicting acceptability for specific consumer segments such as

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gender or age groups) will be developed using artificial intelligence techniques. Particular attention will be given to managing missing data and ensuring the application of transparent AI, with the goal of supporting decision-making in sensory studies.

The final phase involves applying advanced techniques such as transfer learning and ensemble methods to integrate historical and new data. Language models will be used to adapt data formats for consistency. The main expected outcome is a model that is tested and validated in a laboratory environment and prepared for integration into a relevant application setting.

Academic Qualifications

- Quality academic background in Computer Science, Computer Engineering, Artificial intelligence, Data Science or equivalent.

Minimum profile required

- In conditions that qualify for enrolment in a PhD program.
- Quality academic background in Computer Science, Computer Engineering, Artificial intelligence, Data Science or equivalent.
- Knowledge of Machine Learning, Data Science, Databases and LLMs.

Preference factors

- Experience in Machine Learning and Data Science.
- Experience in dealing with prediction with missing data.
- Python Programming.
- Willing to do research in Machine Learning, Data Science, Artificial Intelligence and LLM.

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Maintenance stipend: € 1309.64, 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".

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

Application Period

Since 03 Jul 2025 to 31 Aug 2025

Centre

Artificial Intelligence and Decision Support

Scientific Advisor

[Alípio Jorge](#)

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.

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- **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.
- **Informal Events**
- Annual informal events, such as the multicultural party.

For more information: [Click Here](#)

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