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## Ana Martins

### Assistente Convidada

Department of Digital Technologies (ETDA)



### Contacts

#### E-mail

Ana.Catarina@iscte-iul.pt

### Research Interests

Artificial Intelligence; Natural Language Processing; Intelligent Agents; Conversational Agents; Healthcare

### Academic Qualifications

University/Institution	Type	Degree	Period
Universidade NOVA de Lisboa Faculdade de Ciências e Tecnologia	PhD	Engenharia Industrial	2025
Universidade NOVA de Lisboa Faculdade de Ciências e Tecnologia	Integrated M.Sc.	Engenharia Biomédica	2018

### Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord
2025/2026	2º	Text Mining		No
2025/2026	2º	Introduction to Artificial Intelligence	Bachelor Degree in Software and Applications Development;	No

2025/2026	2º	Medical Text Processing	Bachelor Degree in Digital Technologies and Health;	No
2025/2026	1º	Text Mining	Bachelor Degree in Digital Technologies and Artificial Intelligence;	No
2025/2026	1º	Introduction to Artificial Intelligence	Bachelor Degree in Digital Technologies and Information Security; Bachelor Degree in Digital Technologies and Automation;	No
2025/2026	1º	Generative Language Models	Post Graduation Program in Applied Machine Learning;	No
2024/2025	2º	Text Mining		No
2024/2025	1º	Text Mining	Bachelor Degree in Digital Technologies and Artificial Intelligence;	No

## Supervisions

### • M.Sc. Dissertations

#### - Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Manuel Lencastre Torres Gonçalves Henriques	Is it possible to predict the best time to perform follicular aspiration by integrating clinical, hormonal and ultrasound data into predictive models?	--	Developing	Iscte

### • M.Sc. Final Projects

#### - Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Maria Laura Marques Costa	IA in practice for trainers: strategies for interactive online training	--	Developing	Iscte
2	Paula Alexandra De Sousa Freire	Digital Literacy in the use of AI tools in trainer education: Pre and post training intervention study	--	Developing	Iscte

## Total Citations

Web of Science®	27
Scopus	27

## Publications

### • Scientific Journals

#### - Scientific journal paper

1	<p>Martins, A., Lapão, L. V. , Nunes, I., Giordano, A. P., Semedo, H. , Vital, C. ...Londral, A. (2024). A conversational agent for enhanced Self-Management after cardiothoracic surgery. International Journal of Medical Informatics. 192</p> <p>- Times Cited Scopus: 1</p> <p>- Times Cited Google Scholar: 2</p>
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#### - Review article

1	<p>Martins, A., Londral, A., Nunes, I. &amp; Lapão, L. V. (2024). Unlocking human-like conversations: Scoping review of automation techniques for personalized healthcare interventions using conversational agents. International Journal of Medical Informatics. 185</p> <p>- Times Cited Web of Science®: 24</p> <p>- Times Cited Scopus: 26</p> <p>- Times Cited Google Scholar: 38</p>
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### • Conferences/Workshops and Talks

#### - Publication in conference proceedings

1	<p>Martins, A., Nunes, I., Lapão, L. &amp; Londral, A. (2023). Designing a digital personal coach to promote a healthy diet and physical activity among patients after cardiothoracic surgery. In Proceedings of the 16th International Joint Conference on Biomedical Engineering Systems and Technologies. (pp. 595-602). Lisboa: SciTePress.</p> <p>- Times Cited Google Scholar: 1</p>
2	<p>Pedro, D., Cardoso, M., Guede-Fernandez, F., Martins, A. &amp; Londral, A. (2022). Remote patient monitoring systems based on conversational agents for health data collection. In Nathalie Bier; Ana Fred and Hugo Gamboa (Ed.), Proceedings of the 15th International Joint Conference on Biomedical Engineering Systems and Technologies. (pp. 812-820).: SciTePress.</p> <p>- Times Cited Web of Science®: 3</p> <p>- Times Cited Google Scholar: 5</p>

### • Other Publications

#### - Other publications

1	<p>Martins, A., Londral, A. &amp; L. V. Lapão (2022). Behaviour change interventions based on automated and tailored communication systems to improve health outcomes in adult chronic patients: a systematic review.</p>
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