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Bruno Francisco



Research Interests

Data Analytics

Artificial Intelligence

Mobile Telco

Smart Cities

Academic Qualifications

University/Institution	Type	Degree	Period
ISCTE-Instituto Universitario de Lisboa - Escola de Tecnologias e Arquitectura	M.Sc.	Sistemas Integrados de Apoio à Decisão	2022
Universidade Autònoma de Lisboa	Licenciante	Engenharia Eletrónica e Telecomunicações	2020

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord.
2024/2025	1º	Business Intelligence Applications		No
2023/2024	2º	Applied Final Project in Data Science	Bachelor Degree in Data Science (PL); Bachelor Degree in Data Science;	No
2023/2024	2º	Patterns and Knowledge Extraction Guided by Data	Master Degree in Integrated Business Intelligence Systems;	No
2023/2024	1º	Data-Driven Decision Making	Master Degree in Integrated Business Intelligence Systems;	No

Supervisions

• M.Sc. Dissertations

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	André Figueiredo Oliveira	How do events impact tourism in Lisbon?	--	Developing	Iscte
2	Angelino Chingunguna Culila	Data-Driven Decision Support for Smart Cities: A Case Study with Lisbon Municipality	--	Developing	Iscte

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Madalena do Rosário Ferreira	Artificial Intelligence Applied to Smart Cities: Urban Mobility in Lisbon	Portuguese	Iscte	2025
2	Mariana Soares Romeu Borralho	A Data-Driven Approach to Nighttime Urban Mobility	English	Iscte	2025
3	José Pedro Correia Seno	Movement and Concentration of People in Nightlife Areas: A Comprehensive Study of Urban Nightscapes	English	Iscte	2024
4	Carolina Gabriel Albuquerque	Movement and behavior of people in Lisbon's nightlife areas	Portuguese	Iscte	2024
5	Ricardo Nuno Costa Moinhos Santos de Sousa	Analysis of Commuter Movements on Main Access Routes to the City of Lisbon Using Cell Phone Data	English	Iscte	2024

• M.Sc. Final Projects

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Francisco Pinto Ribeiro de Brito Sardo	Artificial Intelligence as a mechanism to combat Social Isolation	Portuguese	Iscte	2025
2	Peng Feng	Design and Implementation of Artificial Intelligence Learning Platform Base on Cloud Computing	English	Iscte	2025
3	Carlos Daniel Almeida Gomes	Artificial Intelligence in Recruitment: Efficiency and Accuracy in Candidate Screening at Magma Studio	Portuguese	Iscte	2025
4	Sérgio Miguel Araújo Marques	The Impact of Artificial Intelligence on Sentiment Analysis, Feedback, and Customer Emotions in the Retail Sector	Portuguese	Iscte	2025
5	Lu Tianyang	Research on Location and Route Optimization of Distribution center in SC	English	Iscte	2025
6	Doroteia Maria Serrão Pirralho	Data Science Approach for Forklift Rental Market Price Forecast	Portuguese	Iscte	2024
7	Ana Beatriz da Mata Bernardo	Modelling and Prediction of Energetical Consumption: Trends and Prespectives in the Context of Portugal	Portuguese	Iscte	2024

Total Citations

Web of Science®	6
Scopus	7

Publications

• Books and Book Chapters

- Book chapter

1	<p>Elvas, L. B., Nunes, M., Francisco, Bruno Alexandre & Nuno Domingues (2023). City Mobility and Night Life Monitor. In Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering. (pp. 126-150).: Springer Nature Switzerland.</p> <p>- Times Cited Scopus: 2</p>
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2	Elvas, L. B., Nunes, M., José Augusto Afonso, Helgheim, B. & Francisco, Bruno Alexandre (2023). Mining Tourists' Movement Patterns in a City. In Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering. (pp. 105-125).: Springer Nature Switzerland.
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• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Elvas, L. B., Nunes, M., Francisco, B., Gonçalves, F., Martins, A. & Ferreira, J. (2023). Points of interest in smart cities and visitor behavior. In Ana Lucia Martins, Joao C. Ferreira, Alexander Kocian, Ulpan Tokkozhina, Berit Irene Helgheim, Svein Bråthen (Ed.), Intelligent Transport Systems: 7th EAI International Conference, INTSYS 2023, Proceedings. (pp. 69-91). Molde: Springer Nature. - Times Cited Google Scholar: 4
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• Other Publications

- Non-peer-reviewed papers

1	Ferreira, J., Francisco, Bruno Alexandre, Elvas, L. B., Nunes, M. & José Augusto Afonso (2024). Predicting People's Concentration and Movements in a Smart City. Electronics (Switzerland). 13 (1) - Times Cited Web of Science®: 2 - Times Cited Scopus: 1 - Times Cited Google Scholar: 3
2	Francisco, Bruno Alexandre & Francisco, Brunoand Ribeiro, Ricardoand Batista, Fernandoand Ferreira, João (2023). Analysis of the Tourist's Behavior in Lisbon Using Data from a Mobile Operator. Intelligent Transport Systems. 3-22
3	Elvas, L. B., Nunes, Luis, Ferreira, J., Francisco, Bruno Alexandre, Afonso, J. A., Afonso. J. A....Afonso, J. A. (2023). Georeferenced Analysis of Urban Nightlife and Noise Based on Mobile Phone Data. Applied Sciences. - Times Cited Web of Science®: 4 - Times Cited Scopus: 4 - Times Cited Google Scholar: 7