# Rodrigo Sarroeira

## Research Interests

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|---|
| Data Science |
| Artificial Intelligence |
| Blockchain |
| Data protection |

## Academic Qualifications

| University/Institution | Type | Degree | Period |
|---|---|---|---|
| Instituto de Telecomunicacoes - ISCTE-IUL | Post-graduation | Ciência de Dados | 2023 |
| ISCTE-Instituto Universitario de Lisboa | Licenciate | Ciência de Dados | 2022 |

## External Professional Activities

| Period | Employer | Country | Description |
|---|---|---|---|
| Since 2023 | OmniClouds | Portugal | Project management, architectures and development in Web3. |

## Teaching Activities

| Teaching Year | Sem. | Course Name | Degree(s) | Coord. |
|---|---|---|---|---|
| 2023/2024 | 1º | Programming | | No |
| 2022/2023 | 2º | Data Structures and Algorithms | | No |
| 2022/2023 | 1º | Programming | | No |

## Total Citations

| | |
|---|---|
| **Web of Science®** | 15 |
| **Scopus** | 11 |

## Publications

### • Scientific Journals
**- Scientific journal paper**

| 1 | Guerra, R., Carvalho, P., Marques, C., Carmona, M., Sarroeira, R., Batista, F....Silva, C. (2025). Unpacking online hate speech in Portuguese social media: A social-psychological and linguistic-discursive approach. Humanities and Social Sciences Communications. 12 |
|---|---|
| 2 | Sarroeira, R., Henriques, J., Sousa, A. M., Ferreira da Silva, C., Nunes, N., Moro, S....Botelho, M. do C. (2023). Monitoring sensors for urban air quality: The case of the municipality of Lisbon. Sensors. 23 (18)<br> - Times Cited Web of Science®: 13<br> - Times Cited Scopus: 11<br> - Times Cited Google Scholar: 18 |

### • Conferences/Workshops and Talks
**- Publication in conference proceedings**

| 1 | Silva, C. F. da., Nunes, N., Moro, S., Henriques, J., Sousa, A. & Sarroeira, R. (2023). Environmental inequalities in the municipality of Lisbon: Spatial analysis of combustion gases. In Transportation Research Procedia. (pp. 1216-1223).: Elsevier.<br> - Times Cited Web of Science®: 2<br> - Times Cited Google Scholar: 3 |
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**- Talk**

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| 1 | Nunes, N., Ferreira da Silva, C., Botelho, M.C., Moro, S., Henriques, J., Sarroeira, R....Sousa, A. (2024). Air Quality in Cities: Which Policies for Well-Being and Sustainable Development?. PARIS WELLBEING 2024  International Interdisciplinary Conference  Wellbeing, Public Policies and Sustainable Development. |
| 2 | Marques, C., Guerra, R., Carvalho, P., Sarroeira, R., Fonseca, A., Batista, F....Moro, S. (2024). Online Hate Speech: How discursive phenomena and rhetorical mechanisms influence negative emotions?. XXXI Meeting of the Portuguese Association of Classification and Data Analysis (JOCLAD 2024) . |
| 3 | Ferreira da Silva, C., Nunes, N., Botelho, M.C., Moro, S., Henriques, J., Sarroeira, R....Sousa, Ana M. (2024). Monitoring Sensors for Urban Air Quality: The Case of the Municipality of Lisbon. 2º Encontro do Laboratório de Dados Urbanos de Lisboa. |
| 4 | Nunes, N., Ferreira da Silva, C., Moro, S., Henriques, J., Sousa, Ana M., Botelho, M.C....Sarroeira, R. (2024). Monitoring sensors for urban air quality: The case of the municipality of Lisbon. Questioning urban transition-Vulnerability inclusion and health – InCITIES Scientific Café. |
| 5 | Sarroeira, R., Henriques, J., Sousa, Ana M., Ferreira da Silva, C., Nunes, N., Moro, S....Botelho, M.C. (2023). Monitoring sensors for urban air quality: the case of the municipality of Lisbon. International Smart Cities Summit, October 2023, Portugal. |
| 6 | Ferreira da Silva, C., Nunes, N., Moro, S., Henriques, J., Sousa, Ana M. & Sarroeira, R. (2022). Environmental inequalities in the city of Lisbon: spatial analysis of combustion gases. TRA Conference 2022. |

## Research Projects

| Project Title | Role in Project | Partners | Period |
|---|---|---|---|
| Data science analysis for environmental inequalities | Researcher | CIES-Iscte, ISTAR-Iscte (IS) | 2022 - 2023 |

## Awards

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| Hackathon Chainlink  -  ETH Global (2023) |
| AUDAX - ISCTE Research Award 2023 (2023) |
| ISTA Top Talent - ISCTE-IUL (2021) |
| Data Science Hackthon - ISCTE-IUL (2020) |

## Diffusion Activities

| Activity Type | Event Title | Activity Description | Year |
|---|---|---|---|

| Coordination of knowledge diffusion event | Portugal Smart Cities Summit 2022 | Presentation of the DSAEI project, on Portugal Smart Cities Summit 2022, by Rodrigo Sarroeira, Catarina Ferreira da Silva, João Henriques, Ana M. Sousa, Nuno Nunes, Sérgio Moro, Maria do Carmo Botelho | 2022 |
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