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Ana Alexandrino da Silva

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Research Interests

Information visualization

Academic Qualifications

University/Institution	Type	Degree	Period
NOVA Information Management School	M.Sc.	Estatística e Gestão de Informação	2003
Instituto Superior de Economia e Gestão - UTL	Licenciante	Matemática Aplicada à Economia e Gestão	1995

External Professional Activities

Period	Employer	Country	Description
Since 2014	Cohesion and Development Agency	Portugal	Senior Analyst

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord
2021/2022	2°	Information Design		No
2021/2022	2°	Data Visualization I		No
2019/2020	2°	Visual Analytics		No
2019/2020	2°	Information Visualization Project II		No
2019/2020	1°	Information Design		No
2019/2020	1°	Data Visualization I		No
2019/2020	1°	Information Visualization Project I		No
2018/2019	1°	Information Design		No
2018/2019	1°	Data Visualization I		No
2018/2019	1°	Data Analysis for the Social Sciences	Bachelor Degree in Modern and Contemporary History;	No
2017/2018	2°	Information Visualization Project II		No
2017/2018	1°	Information Design		No
2017/2018	1°	Data Visualization I		No
2017/2018	1°	Information Visualization Project I		No
2017/2018	1°	Data Analysis for the Social Sciences		No
2016/2017	1°	Introduction to Visual Data Communication		No
2016/2017	1°	Data Visualisation		No
2015/2016	1°	Introduction to Visual Data Communication		No
2015/2016	1°	Creating Visualizations in the Digital Era		No

Publications

• Books and Book Chapters

- Book author

1	Alexandrino da Silva, A. (2006). Graficos e mapas: representação de informação estatística. Lisboa. Lidel, edições técnicas.
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- Book chapter

1	Alexandrino da Silva, A. (2018). (Micro)empreendedorismo imigrante: uma política pública inovadora. In Maria Manuel Serrano, Paulo Neto (Ed.), Inovação, emprego e políticas públicas. (pp. 297-314). Lisboa: Sílabo.
2	Alexandrino da Silva, A. (2015). O QREN e o acesso ao emprego. In O que fazemos com os dinheiros europeus : o QREN 2007-2013. (pp. 219-243). Lisboa: AD&C - Agência para o Desenvolvimento e Coesão.
3	Alexandrino da Silva, A. (2009). Gráficos: às vezes é difícil fazer pior. In M ^a de Fátima Salgueiro, Diana A. Mendes, Luís F. Martins (Ed.), Temas em Métodos Quantitativos – Vol. 6. (pp. 111-124). Lisboa: Sílabo.

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Botelho, M. C., Vilar, E. T., Cardoso, E., Silva, A. A., Almeida, P. D., Rodrigues, L. M....Rodrigues, S. (2017). The four faces of information visualization: A conceptual framework for a postgraduate program. In Reis, L. P., Rocha, Á., Alturas, B., Costa, C., and Cota, M. P. (Ed.), 2017 12th Iberian Conference on Information Systems and Technologies (CISTI). Lisbon, Portugal: IEEE. - Times Cited Google Scholar: 1
2	Silva, A. A., Antunes, R. & Marques, S. (2017). Visualização de problemas complexos e identificação das respostas públicas: diagrama conceptual aplicado à população idosa. In Proceedings of the 24th APDR Congress "Intellectual capital and regional development: new landscapes and challenges for planning the space". (pp. 1102-1112). Covilhã

- Talk

1	Alexandrino da Silva, A. (2019). The good, the bad and the ugly. ESS Data Visualisation Workshop.
2	Alexandrino da Silva, A. (2019). Milestones of data visualisation on a 4-quadrant diagram. ESS Data Visualisation Workshop.
3	Vital Brito, D & Alexandrino da Silva, A. (2018). Visual communication in health promotion – A new approach to health literacy. International Conference on Communication in Healthcare.
4	Alexandrino da Silva, A. (2017). Cyclical history theory in data visualization - Using a four-quadrant display to see history repeating itself. Data Science, Statistics & Visualisation (DSSV 2017) .
5	Botelho, M.C., Vilar, E., Cardoso, E., Alexandrino da Silva, A., Almeida, P., Rodrigues, L....Rodrigues, S. (2017). Information Visualisation quadrant display. A synergistic approach to a postgraduate program. Data Science, Statistics & Visualisation (DSSV 2017).

6	Alexandrino da Silva, A., Antunes, Rui & Marques, Sofia (2017). Conceptual diagram for population subgroups: an analytical methodology for the visualization of complex problems . New Techniques and Technologies for Statistics (NTTS) 2017.
7	Marques, Sofia, Alexandrino da Silva, A. & Antunes, Rui (2017). Visualização de problemas complexos e identificação das respostas públicas: diagrama conceptual aplicado à população idosa. Intellectual Capital and Regional Development: New landscapes and challenges for space planning .
8	Mamede, R., Fernandes, T. F. & Alexandrino da Silva, A. (2014). Counterfactual impact evaluation of EU funded enterprise support in Portugal . Counterfactual Methods for Policy Impact Evaluation .
9	Alexandrino da Silva, A. (2012). Why statistical graphs use dots instead of lines and lines instead of areas. Information Design Conference 2012.

- Conference paper not in proceedings

1	Botelho, M.C., Vilar, E., Cardoso, E., Alexandrino da Silva, A., Almeida, P., Rodrigues, L....Vital Brito, D (2018). Information visualization and health care communication: lessons from a postgraduate program. International Conference on Communication in Healthcare 2018. - Times Cited Google Scholar: 1
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Research Projects

Project Title	Role in Project	Partners	Period
Information visualization research	Researcher	CIES-Iscte - Leader	2018