Leonardo **Venturoso**

20/06/1994 Spilimbergo (PN), Italy
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Summary

Highly analytical and process-oriented Data Science professional with proven experience in turning data-driven insights into actionable business improvements. Proficient in Python, R and SQL fluent in English and Italian, with a demonstrated track record of collaborating with stakeholders, investigating data, optimizing performance based on diverse data sets. Strong ability to translate complex data into comprehensible visual and verbal formats by designing insightful metrics and dashboards to foster data-driven decision-making.

Education

University of Trento   Sept 2020 - Dec 2023
Master of Science – Data Science
Grade: 110L/110 (with honors)

• **Key courses:** Project Management, Big Data Technologies, Data Visualization, Applied Machine Learning, Computational Social Science, Scientific Programming

University of Trento   Sept 2016 – March 2019
Master of Science – Psychology (Neuroscience)
Grade: 110L/110 (with honors)

University of Trento   Sept 2013 – Sept 2016
Bachelor's Degree – Sciences and Techniques of Cognitive Psychology
Grade: 108/110

Skills

• Languages: Italian, English (IELTS – C1 level)

• Programming languages: Python (Numpy, Pandas, Scikit-learn, Tensorflow), R, SQL, JS, C#, CSS, HTML.

• Technologies: Tableau, Microsoft Project, Jira, MySQL, Postgresql, AWS, Git, Azure Dev Tools, Docker, Figma, Adobe XD.

• Expertise in Descriptive Statistics, Exploratory Data Analysis, and Predictive modeling.

• Strong collaboration skills with stakeholders and cross-functional teams (Agile methodologies)

Professional Experience

Fraunhofer Italia
Data Scientist

Feb 2024 – Present
Bolzano, Italy

• Development of data-driven solutions for sustainability
• AI & Sustainable Mobility
• GIS, Remote Sensing, Spatial Analysis

Fondazione Bruno Kessler - FBK
Data Science Researcher

Mar 2023 – Present
Trento, Italy

• Conducted comprehensive data analysis, using Python and R, for an Open Data project in sustainable mobility involving network analysis, data visualization, prediction and clustering.

AlmaViva S.p.A
Data Scientist/Developer

Feb 2023 – Present
Trento, Italy

• Developed ML backed web applications for Public Administration analytics dashboards using .NET framework, React, and SQL.

• Conducted Natural Language Processing Platform Analytics using Python.

Edizioni Centro Studi Erickson
Data Analyst

Jan 2021 – Dec 2022
Trento, Italy

• Implementation of a data-driven strategy to guide the project lifecycle, from initial concept to deployment, of new educational software products, ensuring robust, reliable solutions to meet stakeholder expectations.

• Use of statistical analysis and predictive modeling to conduct sales forecasting, successfully supporting key business decisions and driving growth.

• Leveraged modern data analytics tools, particularly Google Analytics to gather actionable insights for marketing analytics and campaign optimization.

• Managed projects utilizing Agile methodologies (Kanban/Scrum), fostering team collaboration, adaptability, and swift issue resolution.

• Support the design team to craft accessible digital products, using performance data and user feedback for iterative improvement, effectively enhancing the user experience and engagement.

• Collaborated cross-functionally to translate complex data into understandable and actionable

insights, facilitating data-informed decision-making processes.

Center for Mind and Brain Sciences (CIMeC)
Postgraduate Researcher and Python Developer

Mar 2019 – Apr 2020
Rovereto/Trento, Italy

Creation of a series of games for the measurement and analysis of proto-mathematical skills using Python (Pygame). The data were then presented in a user-friendly dashboard for clinical purposes.

Parent Infant Research Lab – University of Toronto
Research Intern

Aug 2018 – Dec 2018
Toronto, CA

Project on ERP (EEG) and Eye Tracker study on face perception and related data analysis and visualization using Python/R.

- Symposium at International Attachment Conference 2019 , July 18 - 20, 2019, Vancouver, Canada

Aff. Neuroscience Lab – Nanyang Technological University
Visiting Research Intern

May 2016 – Aug 2016
Singapore, SG

Project on EEG and pupillary response study on face perception and related data analysis using Python/R.
- Poster Session July 2020 16, Research Techno Plaza (RTP) – NTU

Affiliative and Physiology Lab - University of Trento
Undergraduate/Graduate Research Intern

May 2015 – March 2019
Rovereto, Italy

Master thesis on physiological and behavioral reactions during the exposure to children's and adult's faces.
- EEG/ERP (acquisition with Emotiv headset, pre-processing of signal)

- Pupillary response and eye movements (acquisition with Tobii Eye-Tracker, pre-processing of signal)

- Data analysis using Python/R.

Awards and Publications

• Awarded "International Mobility for thesis research abroad" scholarship at the University of Toronto - Department of Psychology by University of Trento (2018).
• Merit Award (2017) for academic achievements by University of Trento.
• Awarded scholarship for a research period of two months (NTU Summer Internship Research) by Nanyang Technological University (2016).
• Published "Learn by distance: advice for choosing an effective and inclusive e-Learning platform", IUL Research · Jul 17, 2021.
• Published "The Influence of Baby Schema Effect and Mere Exposure Effect on Implicit and Explicit Face Processing: A Follow-Up Study", Experimental Psychology (Russia) 14 (2), 124-140 · Jun 1, 2021.
• Published "Effects of Baby Schema and Mere Exposure on Explicit and Implicit Face Processing", Frontiers in Psychology · Nov 11, 2019.

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