

## Professional Summary

Highly organized, motivated, and diligent with significant background in Python, SQL, and R Language. Business analyses, and modeling for the development of strategies to improve and meet company short/medium/long-term goals. Advanced understanding of business management, economics, statistical, algebraic, and other analytical techniques. Report development, financial forecasts, and other data analysis to support company performance, costs, and Sr. Management decision support.

## Spoked Languages



## Skills

SQL Python R language Data Models/Data Visualization Data and Statistical Analysis Data Science	Visio Bizage Power BI Tableau MS Office (Word, Excel) Software Development	Budget Planning Industry Expertise Portfolio Management Integrity and Transparency Ethical Compliance
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## Work History

**Volunteer Mentor** - 10/2022 to current

**Austin Independent School District - Baranoff Elementary School** - Onsite

- Volunteer Child mentorship: helping kids with special needs to adapting to the school rules.

**Director/Business Analyst** - 03/2021 to 07/2022

**Rancho Tropical Country Home** - Brazil - remote

- Analyzed market data and updated marketing strategy to attract more clients to new business including
  - Created MySQL database to analyze costs, profits, centralize/prioritize expenses and recommend improvements
  - Use SQL to develop and analyze business performance metrics
  - Analyze data from Facebook ads and Google Analytics to establish strategies for actionable posts, understand the customer audience and build digital marketing strategy
- Management of complex challenges into actionable plans for professional services, evaluate, and implement operational best practices and negotiate with vendors
- Analyzed guest concerns to develop hospitality solutions and training staff.
- Use SQL and Google Analytics to establish and analyze Key Performance Indicators (KPI) (profit, retention, growth).

**Business Analyst/Researcher**, 03/2012 to 09/2021

**Instituto Stela** – Florianópolis, Santa Catarina - Brazil

- 2021: Lead research with text mining and Bert applied human factors to accident reports, storytelling, and other textual data. Developed, and polished visualizations to share the results of data analyses with Python, R Studio, and Power BI.
- 2020: Collaborated with the research on the General Data Protection Regulation (GDPR). Lead website development of GDPR for the Brazilian Government Agency. Tested and validated models for accuracy of predictions in outcomes of interest with Python.
- 2019: Lead the Data Science (text mining) research applying human factors in accident reports in the oil and gas industry domain. Collaborated with research applied to iAraucaria Platform. Quantitative analyses to enhance decision-making in projects with World Health Organization (WHO), Pan American Health Organization (PAHO), Brazilian Science Ministry, Brazilian Agriculture Ministry, National Research and Teaching Network (RNP-Brazil), Libra Consortium /Shell Brazil Petroleum Ltd, Petrobrás (Brazil's pre-salt).
- 2018: Collaborated with the team on the development of Expertise Location Research (Intelligentia Platform).
- Won Science, Technology, and Innovation Award for teams - Intelligentia Platform.
- 2016-2017: Led office projects for research & development (R&D) fundraising. Lead Development of websites.
- 2015: Collaborated with the team on the development of the Absence Management Platform Project for industries in Brazil (SESI). Development of the New Governance Platform Project from the Agriculture Ministry of Brazil.
- 2014: Achieved conceptual model of IoT by completing ontology development with accuracy and efficiency.
- 2013: Documented and resolved data modeling issues which led to the Aquarius Platform for the Ministry of Science and Technology of Brazil

- 2012: Lead as a principal researcher in IoT and Ontology research for the innovation health domain. Build taxonomies and metadata for large digital platforms with Protégé.

#### **Master Researcher, 03/2011 to 02/2012**

##### **Florianopolis, Universidade Federal de Santa Catarina – Florianopolis, Santa Catarina - Brazil**

- Modeling system topology for the purposes of standardization, consolidation, innovation, and scale.
- Gathered and organized information for research purposes, and performed research into study topics to increase knowledge and to provide valuable contributions.
- Designed and executed study approaches. Wrote research papers, reports, and reviews, performed quantitative experiments, and documented findings.
- Collaborated with the leadership team to identify relevant questions and determine the best methods of collection.
- Lead research and build a contextual modeling method for knowledge systems.
- Lead 1o International Congress of Knowledge and Innovation (CIKI).

#### **Information Systems Administrator, Business Analyst - 03/2009 to 02/2011**

##### **Logos Assessoria E Projetos – Itajai, Santa Catarina - Brazil**

2009 - 2010: Lead Development and Management of Sislogos (grant information system Version 1.0)

- Management of city projects, delivering cost-benefit analysis to weigh financial decision impact against desired outcomes. with SQL.
- Managing and implementing the information and computer technology systems, and leading evolution into the organization systems.
- Data analysis and research of new technologies and chose the best options for the company. Analyze data with SQL to prioritize and cost-effectiveness.
- Devised IT systems for more than 30 cities and improve necessary widgets and trained staff members on computer use and updated systems.

#### **Financial Administrator, Data Analyst - 03/2007 to 02/2009**

##### **Agrolog – Balneario Camboriu, Santa Catarina - Brazil**

- Lead and manage the administration of financial data and supporting analyses/reporting for the Agriculture Domain, analyzed budgets, forecasts, expenses, and trends to support overall financial operations with Excel, Microsoft Access, and reports with Microsoft Word.
- Prepared internal and external expense, income, outstanding balance and other financial reports for Sr. Management decision support and regulatory reporting with Excel.
- Prepared cash flow projections, cost analysis, and monthly, quarterly and annual reports with Microsoft Access and Excel.
- Complied and supported established internal controls and policies, and administration of daily payroll and billing transaction records with Microsoft Excel and Access.

#### **Education**

**Ph.D.:** Information System/Knowledge Engineering 02/2013 - 03/2019

##### **Federal University of Santa Catarina - Florianopolis**

- Completed professional development in Data Science applied to Human Factors and Resilience Project (Oil and Gas Industry)
- Received Innovation Technology Development Scholarship for IoT model.

**M.D.:** Knowledge Engineering And Management 02/2011 - 01/2013

##### **Federal University of Santa Catarina - Florianopolis - Brazil**

- Professional internship completed in modeling methods at Aquarius Platform Project (Instituto Stela)
- Completed professional development in Information System as a tutor at the Federal University of Santa Catarina

**B.S:** Information System 02/2006 - 12/2010

##### **Avantis University**

- Received ProUNI scholarship
- Professional development completed in Logos Assessoria e Projetos
- Relevant Coursework Completed: Innovation Portal

#### **Certifications**

- NoSQL concepts. DataCamp. Completed 2022.
- Improving Query Performance in PostgreSQL. DataCamp. Completed 2022.
- Exploratory Data Analysis in SQL. DataCamp. Completed 2022.
- Applied Machine Learning: Algorithms. LinkedIn. Completed 2022.
- Machine Learning with Python LinkedIn. Completed 2022.
- Python Projects. LinkedIn. Completed 2022.
- Functional Programming with Python. LinkedIn. Completed 2022.