Henrique Shiguemoto Felizardo

Data Analyst

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Computer Science Degree
English | Portuguese | Japanese
[Linkedin](#) | [Portfolio](#) | [Github](#) | [Tableau](#)

1 Summary and Skills

- Data Analyst with 2 years of experience using technologies such as R, Python, SQL, Shiny, Tableau, Azure Databricks, Excel, PySpark and Git/GitHub. Passionate about collaborating with teams and developing data-driven solutions for data acquisition, analysis and visualization. I also have interests in Game Development, Software Engineering and UX Design.

2 Experiences and Projects

- **Data Analyst at Oper (2024 - 2025)** ([Website](#))
  - Worked with multidisciplinary teams from various countries and collaborated with clients to develop innovative solutions in Marketing and Business Intelligence, supporting sectors such as pharmaceuticals and food.
  - Delivered data analysis for national and international clients in Big Data contexts, generating insights to help strategic decision-making which generated more than R$1,500,000 of gross profit.
  - Designed and maintained dozens of interactive dashboards using SQL, Python, R, and Shiny; also created and optimized data pipelines with Azure Databricks and PySpark to ensure high performance in KPI calculations.

- **UK Living Costs and Food Survey Data Analysis Case Study, Kreativstorm (2023)**
  - Analyzed a comprehensive dataset on household behavior in the UK to generate actionable insights and address key government policy questions.
  - Collaborated with professionals across multiple continents to conduct exploratory data analysis and assess correlations between categorical and continuous variables using Python, R, and SPSS. Key variables included occupational class, housing type, family composition, and household spending.
  - Identified statistically significant correlations through established methods from academic literature, laying the groundwork for the development of predictive behavioral models.

- **Scientific Research on Dashboard Development for Brazilian Public Health Data (SUS), Maringá State University (2022 - 2023)** ([Platform Link](#))
  - Developed an innovative mortality data visualization system for the state of Paraná, addressing the lack of accessible tools for the general public to explore mortality patterns across different groups such as gender, age range, and municipalities.
  - Tackled key challenges such as analyzing dashboards from similar domains to identify usability and UX issues, and optimizing data processing performance due to the large data volume.
  - Utilized technologies including R, Shiny, ggplot, and shinyapps.io to develop and deploy the dashboard, working with mortality data sourced from the DATASUS public API.

- **Bachelor's Thesis: Applying Human-Computer Interaction (HCI) Principles to Dashboard Design, Maringá State University (2022 - 2023)** ([Repository Link](#)) ([Video Showcase](#))
  - Conducted an in-depth review of Human-Computer Interaction (HCI) literature, including books and academic articles, to identify heuristics and guidelines applicable to dashboard development.
  - Studied leading dashboard development tools such as Power BI, Tableau, Plotly, and Shiny to apply usability and UX principles. A case study was carried out by developing a dashboard using public COVID-19 data from Maringá (PR), following best practices recommended in HCI literature.

3 Education and Certificates

- Bachelor's Degree in Computer Science, Maringá State University (2019 - 2023)
- Kreativstorm Hands-On Data Analysis Training Program Certificate (2023)
- Shiny (R) Certificate, LinkedIn Learning (2023)
- Tableau Public Certificate, LinkedIn Learning (2023)
- English Language Certificate, PBF (2014 - 2017)