

# Aaron Albrecht

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## EXPERIENCE

### Data Analytics

- Universidade do Estado do Rio de Janeiro
- Scientific Research Project
- Development of a colorimetric sensor for food safety analysis using machine learning models for qualitative and quantitative assessments, aimed at identifying the presence and concentration of biogenic amines in protein-rich foods.
- May 2023 – Present
- Sales Consultant – Conpleq Consultoria
- Implemented machine learning models to predict purchasing behavior based on demographic data.
- September 2023 – May 2024

### Chemical Engineerint

- Intern (December 2023 – May 2024)
- SANDECH Consultoria em Engenharia e Gestão LTDA
- Commercialization of engineering services, totaling over R\$ 1,000,000.00 in sales.
- Customer service and KPI analysis using Power BI.
- Intern (August 2023 – December 2023)
- Hugo Silva & Maldonado Propriedade Intelectual
- Translated over 200 technical patent documents.
- Reviewed industrial process descriptions for intellectual property filings.

## Portfolio

- <https://github.com/AaronProgramas>
- <https://www.kaggle.com/aaronalbrecht>

## Technical Skills

- **Languages:** Python, SQL
- **Libraries:** Pandas, Numpy, Scikit-learn, Seaborn, Matplotlib
- **Tools:** Power BI, Jupyter Notebook, AutoCAD, Excel, Git
- **Cloud:** AWS (S3, QuickSight, Lambda)
- **Others:** Data cleaning, predictive modeling, feature engineering, data visualization, KPI analysis, machine learning (classification, regression)

## Languages

- Portuguese (native)
- English (fluent)

## Educação

- **Data Science**
- Universidade Estácio de Sá (2025-2027)
- **Chemical Engineering**
- Universidade do Estado do Rio de Janeiro (UERJ) (2021-2027)
- **Chemical Technician**
- Escola Técnica Star Brasil