



## Rolf Traeger Brautigam

Industrial Engineering, Minor Business Analytics

Master of Industrial Engineering in Operations Research (UAI)

### Contact Information

🏠 Vitacura, Región Metropolitana.

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🌐 LinkedIn

🐙 Github

### About me

I'm a Data Science focused on Business, working with millions of rows in AWS cloud of bank data. I completed a Master with a thesis project as Data Scientist, by studying thousands of clients. I explored the world of optimization, data analysis, working as a team to meet objectives while maintaining initiative and responsibility within the group. Now I am looking for new challenges to learn even more.

### Education

Mar. 2023 – . **AWS Certified Data Analytics Specialty**

Stephane Maarek

Udemy

2020 – 2022. **Magíster en Ingeniería Industrial e Investigación de Operaciones**

Universidad Adolfo Ibáñez

Santiago– Chile

2016 – 2022 **Ingeniería Civil Industrial**

Universidad Adolfo Ibáñez

Santiago– Chile

### Works Experience

Sep. 2022 – . **Management Solutions**

**Data Management Consultant**

AWS Cloud computing for Banking

- *Define of business rules (Project management)*
- *ETL developer (AWS Glue, S3, Athena, Git, WorkFlow)*
- *Data management Pyspark, Pandas (Python, SQL)*

Jan. 2021 – Dec. 2021. **Agrosuper**

**Mid. Man. Revenue Management and Pricing**

Thesis Project, as Data Scientist

- *Customer Value Based Pricing (Python)*
- *Customer Clustering (Python)*
- *Artificial Neural Network (Scikit-learn)*
- *Econometric Models (Python)*

- *Data Visualization (ggplot-Python)*

References: ✉ Rodrigo Almuna Sanchez

Jen. 2021 – Sep. 2021. **Universidad Adolfo Ibáñez**

Teaching Assistant and Corrector

**Simulation, Master**

- *R, Python (Advanced)*
- *Stochastic Optimization Models (Julia, R)*
- *Econometric*
- *Márkov Chain*

References: ✉ Tito Homem-de-Mello

Aug. 2020 – Dec. 2020. **Universidad Adolfo Ibáñez**

Teaching Assistant and Corrector

**Bases de Datos**

- *SQL (Intermediate)*

**Taller de Introducción a la Ingeniería**

- *Definition of the business model*
- *Html (Intermediate)*
- *CSS (Intermediate)*

References: ✉ Rafael Cereceda

### Research Experience

Mar. 2019 – Jul. 2019. **Universidad Adolfo Ibáñez**

**Logistics research in VRP**

Taller de investigación dirigida

- *Vehicle routing problem(VRP)*
- *Mixed Integer Linear Programming*
- *Pyomo (Python)*

Aug. 2020 – Dec. 2020. **Universidad Adolfo Ibáñez**

**Staff Scheduling Problem**

Capstone Project, Hotel Mandarin

- *Modeling in Linear Programming*
- *Pyomo (Python)*

### Computer Languages

**Python** (Advanced)

- Data management and analysis
- Optimization models
- Artificial Intelligence
- Unsupervised and supervised models
- Deep Learning

**R** (Advanced)

- Data management and analysis
- Simulation and prediction
- Deterministic and stochastic optimization models

### Additional Information

**Nationality:** Chilean, German

**Date of Birth:** December 13, 1997

**Rut:** 19.817.667 -2

**Technical knowledge:** AWS Glue (Intermediate-Advance), AWS Athena (Advance), Git (Intermediate) Python (Advance), R (Advance), Office (Advance), Latex (Advance), SQL (Advance), C (Intermediate), Julia (Intermediate/Advance), PowerBI (Intermediate)

**languages:** English (Intermediate), Spanish (Native)

**Extracurricular interest:** Reading, Fly fishing, Enduro Motorcycle, Trekking and Mountain biking.

**Other areas of interest:** Data Science Analyst; Consulting; Revenue Management; Business Controlling Analyst; Logistic.