

Rindolfo Barra Roa

Data Scientist

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SUMMARY

Results-driven professional with 3 years of experience leading teams, process optimization, and analysis of key performance indicators (KPI's). Highly proficient in database management, predictive models, and data visualization, with expertise in tools such as SQL, Tableau, Power BI, and Python. Eager to create machine learning models to contribute to a forward-thinking organization committed to innovation and operational excellence.

EXPERIENCE

- **VRID** 🌐 04/2024 - Present
Data Scientist Freelance Concepción, Chile
 - Database management using PostgreSQL
 - Built ETL pipeline for processing data with Python
 - Creates GPT to evaluate Fondecyt Projects applications
- **Brewery AB InBev** 🌐 11/2021 - 08/2022
Quality Engineer Quilicura, Chile
 - Leads an inspection team of 5 workers
 - Migrate static process from warehouse to process line, reduce inspection time by 20 %
 - Controls quality of packaging inputs and occurrence of critical defects in Excel

PROJECTS

- **Analysis of air pollution data with Python** 08/2024
Tools: API, Pandas, Sqlalchemy, psycopg2, Docker, Airflow [🔗]
 - Create ETL functions from a weather API with Python
 - Transformation with Pandas and data loading in Amazon Redshift
- **Multiclass classification to predict obesity levels based on lifestyle habits** 07/2024
Tools: Numpy, Pandas, Matplotlib, Seaborn, Sk-learn [🔗]
 - Develops a Logistic Regression model, achieving 94 % on the training data
 - Implements Random Forest model, increasing accuracy to 98 %.

SKILLS

- **Languages:** English C1, Portuguese B2
- **Programming Languages:** SQL, Python, R
- **Web Technologies:** HTML, CSS, ChatGPT
- **Database Systems:** MSSQL, Oracle, PosgreSQL
- **Data Science & Machine Learning:** Numpy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Pyplot
- **Cloud Technologies:** Amazon Web Services, Microsoft Azure, Google Cloud Platform
- **DevOps & Control de Versiones:** GitHub, Docker, Visual Studio Code

CERTIFICATES

- **Datacamp:** [Data Scientist](#) 07/2024
- **CoderHouse:** [Data Analytics](#) 07/2024

EDUCATION

- **TripleTen** 03/2024 - Presente
Data Science Bootcamp Remote
- **thePower** 02/2023 - 02/2024
ThePowerMBA Remote
- **University of Concepción** 03/2013 - 10/2019
Chemical Engineering Concepción, Chile