

DIOGO HUTNER

Financial Modeling | Data Analysis | Corporate Finance

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PROFESSIONAL PROFILE

Finance professional with a degree in Controllershship and Finance from UFMG and 4+ years of hands-on experience building financial models and data-driven solutions across corporate finance, energy, and operations. Proven track record of owning and building models from scratch: a dividend metric applied to 1,214 assets across 80,000+ distribution events (undergraduate thesis), valuation algorithms for micro and small enterprises at BuyCo, an energy allocation optimization model at AZ Power, and operational analytics for major clients at EY. Currently enrolled in the Data Science postgraduate program at UFMG (DCC, Jul 2025 – Dec 2027). Advanced Excel proficiency, strong command of SQL and Python for financial data workflows, and solid grounding in core finance concepts including cash flow, capital structure, valuation, and scenario analysis. C1 English (EF SET 62/100).

PROFESSIONAL EXPERIENCE

Supply Chain and Operations Consultant

Aug 2025 – present

EY (Ernst & Young) · Belo Horizonte, Brazil

- Built operational dashboards and data analyses for Vale, one of the world's largest mining companies, covering incident tracking, operational performance, and process improvement opportunities.
- Developed optimization algorithms for order allocation at Samsung, reducing distribution inefficiencies.
- Prepared Business Cases and integrated reports to support strategic decision-making on large-scale projects.
- Applied EY Analytics frameworks across Data Science, Data Integration, Data Visualization, and AI Engineering tracks (Bronze certifications, 2025/2026).

Business Systems Analyst

Aug 2023 – Dec 2024

AZ Power Energia · Belo Horizonte, Brazil

- Built from scratch an energy allocation algorithm using optimization methods to minimize waste and maximize operational revenue, incorporating contractual constraints, real-time demand, and generation capacity.
- Implemented the solution in Python and SQL integrated with Google Sheets, replacing manual allocation processes.
- Automated critical operational workflows, significantly improving the company's operational efficiency.

Product Development (Back-end)

Jun 2021 – Oct 2022

BuyCo. Brasil · Belo Horizonte, Brazil

- Developed a valuation algorithm for micro and small enterprises from scratch, translating financial and operational inputs into a structured, defensible valuation output.
- Built and refined back-end logic in collaboration with the product team, adapting the model to real business edge cases and incomplete source data.

Research Fellow (FUNDEP)

Jan 2023 – Jan 2024

Universidade Federal de Minas Gerais (UFMG) · Belo Horizonte, Brazil

- Conducted research in Behavioral Finance focused on investor risk profiling and decision-making under uncertainty.
- Built a full-stack web tool for Investor Profile Analysis (IPA): front-end in HTML, CSS and JavaScript for structured data collection, back-end in Google Apps Script for data storage, processing, and automated report generation.
- Methodology integrated into academic publications, contributing to the literature on behavioral determinants of financial decision-making.

EDUCATION

Postgraduate Specialization in Data Science

Jul 2026 – Dec 2027 (in progress)

Universidade Federal de Minas Gerais (UFMG) · DCC · Distance Learning

Emphasis in Computer Science. Curriculum covers Machine Learning, Data Mining, Predictive Analysis, Algorithms, and Statistical Methods. 360-hour program, includes a final dissertation. One of 100 spots offered annually across Brazil.

Bachelor's Degree in Controllershship and Finance

Mar 2021 – Jul 2025

Universidade Federal de Minas Gerais (UFMG) · Belo Horizonte, Brazil

Core curriculum in financial modeling, quantitative analysis, applied statistics, and management accounting. Undergraduate thesis: development of a proprietary dividend metric evaluated across 1,214 assets and 80,000+ distribution events, translating raw market data into a structured, defensible analytical framework. Includes academic research in Behavioral Finance (FUNDEP) and leadership of the Finance and Controllershship League (president, 2023-2024).

TECHNICAL SKILLS

Financial Modeling	Data and Code	Analytics and BI	Domain Knowledge
- DCF / Valuation - Business Case - Scenario Analysis - Cash Flow Modeling	- Advanced Excel / VBA - SQL (advanced) - Python - R (econometrics)	- Power BI - Data Visualization - Matplotlib / Pandas - ETL / Data Integration	- Corporate Finance - FP&A concepts - Capital Structure - Supply Chain Ops

RELEVANT CERTIFICATIONS

SQL (Advanced) Certificate | HackerRank | 2024

Problem Solving (Intermediate) Certificate | HackerRank | 2024

Software Engineer Intern Certificate | HackerRank | 2025

EY Analytics: Data Science Bronze | EY | 2025/2026

EY Analytics: Data Visualization Bronze | EY | 2025/2026

EY AI: Applied AI and AI Engineering Bronze | EY | 2026

Intro to Machine Learning for Data Science | Udemy | 2025

Linear Algebra and Feature Selection in Python | Udemy | 2025

Basic Data Descriptors, Statistical Distributions and Business Decisions | Rice University | 2025

Azure Machine Learning and MLOps: Beginner to Advance | Udemy | 2026

EF SET English Certificate C1 Proficiency (62/100) | EF SET | 2026

LANGUAGES

English · C1 Proficiency (EF SET 62/100, 2026) · Technical reading, writing, and professional communication

Portuguese · Native