David Clerc

Data Scientist & Business Admin

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LinkedIn & GitHub
Personal Website

SKILLS

- Advanced Data Analysis and Visualization with Python, R, MetaTrader, TradingView, Excel, PowerBI, and SQL, Data Warehouse principles and best practices.
- Strong understanding of accounting, financial planning, modeling, reporting, and budgeting. Knowledge of macroeconomic principles, risk management, project management (handling multiple projects in a fast-paced environment), and analytical skills. Deep knowledge of technical analysis (Support & Resistance, zones, Fibonacci, trend lines, chart patterns).
- Excellent written and verbal communication skills **(English & Spanish)**, problem-solving and critical thinking skills. Ability to work independently and remotely. Attention to detail and accuracy. Flexible and adaptable. Extreme ownership. Outstanding ethics, integrity, judgment, and leadership.

EXPERIENCE

NextGen Predictions - CoFounder & Data Scientist ([LINK](#))

01-2024/Today

- **Bitcoin Price Direction Prediction:** Developed a machine learning model using XGBoost to predict the daily price movement direction (up/down) of Bitcoin. Performed extensive data cleaning, and engineered relevant features to enhance model accuracy. Utilized techniques for hyperparameter tuning to optimize the model, achieving a precision score above **70%**, signifying the model's high reliability in predicting profitable trading signals. ([LINK](#))
- **Avocado Price Prediction:** LSTM model with an accuracy exceeding **80%**. Evaluated by comparing the predicted prices against actual market prices. ([LINK](#))
- ➜ **Other projects:** Sales Prediction for a Pharmaceutical Company, Predictive Maintenance for a Manufacturing company, Order Processing Time Prediction for a Retail Store, Dairy Products Production Forecast, Demand Prediction for Retail.

PROCTER & GAMBLE - Intern Finance & Accounting

07-2022/02-2023

- Plan & execute the Legal Entity Risk Factor project for Chile, where the goal is to better manage the risk (operational, reputational, financial) that faces the organization.
- Plan & execute the Backup project for Pacific Colombia, Perú, and Chile), where the goal is to make sure the organization follows its key processes, as a part of a Business Continuity Plan.
- In-depth monthly analysis of P&G Chile's financial statements to improve awareness and make better decisions.
- ➜ **These 3 projects help save thousands (sometimes millions) of dollars in penalties and taxes.**

Dadneo - Intern & Startup Consultant

08-2021/01-2022

- Advise startups on how to define their market, adjust their value proposition, and improve their pitch, so they can raise money successfully **(from $50K onwards)**.
- Valuate startups through different methods and tools [**Discounted Cash Flow (DCF) with MonteCarlo Simulations, Comparables, ScoreCard, VC Method, Berkus Method**].
- Optimize processes within the organization using Macros (Excel) and create automated reports (PowerBI) **which reduced 20% of the hours invested in those processes**.

Lider BCI & Travolution Travel - Sales Analyst Intern & Marketing Intern

06-2021/08-2021 & 08-2020/12-2020

- Update and consolidate databases to present sales results to then analyze these numbers and create reports with PowerBI.
- Improve the brand's website (WordPress, SquareSpace, HTML, CSS) to better transmit its value proposition. Readjust target client segments and optimize SEO. Create and execute a content marketing plan.

EDUCATION

University of Chile - Business Administration (with honors) & Master in Finance - Not Finished. (3 semesters out of 4)
2019 - 2022