DAVID HERNÁNDEZ

DATA ANALYST · ACCOUNTING · FINANCE

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SUMMARY

As an economics student with a good knowledge of accounting and a strong interest in financial data analysis, I am eager to focus my career in the financial data analytics sector. Curious person with an analytical mindset and a strong drive to learn more and become better at problem-solving. Focused, devoted to projects, willing to assume responsibility, and able to effectively communicate with the team.

EDUCATION

Bachelor of Economics
Universidad Autónoma de Madrid (UAM)

Madrid, Spain
2020 - 2024

EXPERIENCE

Bank Employee Intership

Madrid, Spain
June - Currently

Santander Bank

Responsibilities involving the cashier position, daily cash operations, and supporting team members within the location in tasks related to customers.

DATA ANALYSIS PROJECTS

Relationship between financial data and stock prices

Online
June.- Currently

- Study of the correlation between stock price and financial data of numerous companies in the United States over the past 10 years, filtered by sector and market capitalization
- "PER", "PriceToBook", "ROE", "GrossMargin", "NetMargin", "DebtCapital" etc...
- Python, along with Pandas and MySQL Connector, was combined to create the database and perform calculations of various financial ratios.
- MySQL was used for data filtering and storage.
- Power BI was used for the proper visualization of the data
- Machine learning was used to determine the importance of the variables on the price

Understanding the Dynamics of Volatility, Returns, and Risk in Stock Investment

Online
July. 2023

- A statistical study to examine the relationship between price, volatility and risk
- The study includes 5,000 American companies, along with the creation of a database comprising more than 4 million data points
- Technologies: Python, Pandas , Mysql, DAX, Power BI, EODH API
- Statistical assistance: Pearson correlation coefficientm p-value and Hypotheses for statistical testing

SKILLS

Personal Skills	Languages	Professional Skills
· Leadership	· Native Spanish speaker	· Power BI
· High Frustation Tolerance	· Fluent English writing and speaking	* Pandas
· High communication skills		· Python
· Very analytical and rigorous		· SQL (MySQL & Access)
· High capacity of team working		· Excell, Word,Teams, Power point

CERTIFICATES

2023	**Exploratory Data Analysis for Machine Learning** IBM	Online
2022	**Python and Statistics for Financial Analysis** The Hong Kong University	Online
2022	**Programming for Everybody (Getting Started with Python)** University of Michigan	Online