

Diego Vivero Cabeza

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Skills and Credentials

Programming: Fortran 95, Python, SQL

Mathematics: Time Series Analysis, Multiple Regression

Analytics: Power BI

Certifications: CFA Level II

Education

Boston University, Questrom School of Business

Boston, MA

M.S. Mathematical Finance & Financial Technology

Expected January 2022

- Coursework: Statistics, Programming (R, Python, C++), Stochastic Methods of Asset Pricing

Universidad Politécnica de Madrid

Madrid, Spain

B.E. Aeronautics; M.E. Aeronautics (Integrated 5-year program)

November 2015

- Coursework: Numerical Optimization, Differential Equations, Programming, Multivariable Calculus, Probability & Statistics, Linear Algebra, Finite Elements Method, Applied Economics

Experience

Norwegian Air Shuttle

Barcelona, Spain

Crew Optimization Analyst

May 2016 – Present

- Budgeted manpower for airline's future production using a new approach, increasing precision by 8%
- Coordinated cost saving initiatives by remodeling data analysis tools to detect productivity leakages; delivered immediate savings of 0.4% (US\$120k/month) in crew operations and 6% in flight delay time (15 hours/month) (Power BI)
- Synthesized business singularities as part of the software requirement definition, eliminating more than 20 rules out of 200 and reducing associated lead times by 20%
- Reorganized process management and trained personnel to improve cross-departmental partnership

Iberia Express (IAG)

Madrid, Spain

Demand Analyst

February 2015 – May 2016

- Assessed value-at-risk of 15 operational events and corrected procedures to maximize utilization of resources, resulting in an improvement of 1.5% (US\$55k/month saving vs. 10% VaR of US\$250k in 6 months)
- Implemented new regulation in the airline's management system and debugged errors after collecting feedback from all relevant departments
- Systematized data extraction for performance monitoring and forecasting with an automated Excel file

Additional Information

Languages: Spanish, Galician, English

Interests: Swimming, cooking, reading (essays about psychology, economics, philosophy, history by authors such as Daniel Kahneman, Nassim Taleb, F.A. Hayek), investing (stock fundamental analysis: retail and industrials)