

CRISTIAN RIVAS

Data Analyst | [Upwork](#) | Miami, FL

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📁 Portfolio
🏠 GitHub

Tech Stack

- Python
- PySpark
- SQL
- Excel
- Power Bi
- Tableau
- Streamlit
- GitHub

Certifications

- Google Data Analytics
- Datacamp Data Analyst Associate
- IBM Python for Data Science, AI & Development

Education

University of Bath

Graduated in 2022

- Meng (Hons) Civil Engineering with Placement – 1:1
- Erasmus Exchange at Universidad Europea de Madrid

Hackney Community College

Graduated in 2015

A-Levels: Mathematics (A*), Further Mathematics (A), Physics (B), Chemistry As (B)

Strengths

- Adaptability
- Teamwork
- Problem Solving

Interest

- Sports
- Travelling
- Bitcoin

Experience

UpWork – Data Analyst Freelancer

May 2023 – Present

- Developed a Tableau Dashboard for a maritime agency, enabling them to monitor revenue and assess the effectiveness of their marketing efforts. This led to a 20% increase in the utilization of marketing materials.
- Collaborated with a personal trainer to organize student athlete data and create a Web App Dashboard using Streamlit-Python to present results effectively.

CAPCO – Associate Data Analyst Consultant

April 2022 – June 2023

- Contributed to a top-tier bank's ESG analytics initiative by implementing Python and PySpark validation checks for all incoming data, ensuring smooth pipeline execution. As a result issues declined by 25%.
- Led a Proof of Concept aimed at establishing daily ESG news capabilities. This involved collaborating with four external vendors, vetting their data, and creating Power BI dashboards.
- Achieved 100% accuracy in client entity matching, between internal and external data sources, by employing fuzzy string-matching techniques in Python and SQL.
- Developed Python scripts to assess vendors based on entity coverage, ESG data coverage, and data quality. My work was directly used to reduce contract renewals.
- Maintained and expanded our in house ESG data framework, standardizing data attributes from over 15 vendors, including Bloomberg, MSCI, and Refinitiv. This ensured data integrity for the products we produced for the bank.

Jfabulous – Data Analyst Consultant

2023

- Created an invoice database system for a jewellery seller, reducing planning procedures by 30%.
- Designed a Power BI dashboard to track monthly sales, identify top-selling products, and optimize for new sale locations. In return it has helped her better target sales thus increasing monthly revenue from roughly \$4k to \$4.8k

Conisbee - Design Structural Engineer

Aug 2021 - May 2022

- Implemented an Excel Workbook to streamline the design process for multiple steel elements across three residential blocks, reducing design iterations by 50%.

Rendel - Graduate Engineer

Aug 2020 - Jul 2021

- Developed a VBA script to efficiently clean, process, and aggregate data for over a thousand foundation forces, reducing the design process duration from 4 weeks to 2 weeks.