

IRFAN ALI

**Data & Analytics Analyst | Data Scientist
| Economist | Financial Analysis**

Location: Guarulhos, São Paulo, Brazil

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Portfolio: [Data Science Portfolio](#)

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SUMMARY

Experienced Data Analyst and Economist, adept at transforming data into strategic insights. Proficient in Python, SQL, Power BI, Tableau, and machine learning, ready to tackle diverse data challenges.

EDUCATION

PhD in Economics, USP - Universidade de São Paulo, 2021 - 2025(In Progress)

Postgraduate Degree in Big Data, FACUMINAS, Dec 2020 - May 2023

MPhil in Economics, Preston University, 2016-2019

MBA in Accounting and Finance, Preston University, 2011 - 2013

WORK EXPERIENCE

Leading Data Analyst (Volunteer), SWB
June 2024, Florida, United States



- Analysing, and interpreting complex data sets.
- Providing insights and recommendations based on data analysis.
- Collaborating with the project team to support data-driven decision-making. Creating and maintaining data documentation and reports.
- Ensuring data integrity and accuracy.

Data Analytics Specialist, Foundation for Rural Development (Jan 2023 - Jan 2024)

- Led data-driven initiatives to evaluate the impact of food assistance programs using Python, R, and MySQL, collaborating with cross-functional teams.
- Conducted in-depth data analysis to identify trends, patterns, and insights for sustainable development.
- Developed comprehensive reports and visualizations to communicate findings to stakeholders.

Data Analytics & Visualization, Accenture
Aug 2022 - Jan 2023

- Proficient in data cleaning, modeling, and visualization techniques using Python, R, and MySQL.
- Demonstrated comprehensive project understanding and collaborated with diverse teams.
- Created visually compelling data visualizations, transforming complex data into actionable insights.

PROJECTS

- **Pizza Runner End-to-End Project** using MySQL and PowerBI
- **Prediction of Default of Credit Card**
- **Tracking User Engagement** with SQL, Excel, and Python (Comparing and Analysing Student Engagement Between Q2 2021 and Q2 2022)
- **Customer Segmentation in Marketing** with Python Project
- **Real Estate Market Analysis** with Python Project
- **Investigating Property Transactions and Customer Satisfaction**
- **Financial Planning and Analysis** in Excel Project
- **Building Stellar Growth's 5-Year Income Statement Budget**

CERTIFICATIONS

- Google Advanced Data Analytics Specialization
- IBM Certified Data Engineer - Big Data
- Certified Data Scientist and Machine Learning
- Python for Data Science
- Big Data Foundations

SKILLS

- **Data Visualization:** and Storytelling with Tableau, Power BI, PowerPoint, Plotly.
- **Data wrangling and analysis** with SQL and Python
- **Apache Spark / ETL / KPIs**
- **Big Data Tech:** Data Storage, Data Processing and Real-time analytics
- **Data Analysis & Cleaning:** Python, R, SQL, MySQL, NoSQL
- **Machine Learning:** Supervised learning, Unsupervised learning and NLP (Python, Spark, AWS)
- **Statistical Analysis:** SPSS, SAS, Excel, R, Statsmodels, Scikit-l
- **Financial Analysis and Forecasting:** Excel, SAP
- **Critical Thinking & Problem Solving:** Advanced analytical and problem-solving skills
- **Creating reports, proposal and presentations**
- **Languages:** English (Native), Urdu, Arabic, Hindi, Spanish, Portuguese, Pashto

Methodology: Agile, Scrum and Kanban