

# Mateo Tuberquia Giraldo

## Data Analyst

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Medellín, Colombia

<https://github.com/Mateo1478/Public>

*I participate in high-impact projects, managing and analyzing sensitive and confidential data, applying advanced statistical techniques to generate key insights that support strategic decision-making.*

## PROFESSIONAL PROFILE

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Data Scientist with over 4 years of experience applying analytical, statistical, and machine learning models in sectors such as healthcare, telecommunications, technology, and financial services. I have participated in end-to-end projects involving structured and unstructured data analysis, including credit risk, process optimization, ETL pipeline design, and predictive model development that have contributed to better strategic decisions.

I am proficient with key tools such as Python (pandas, numpy, scikit-learn, TensorFlow, Keras), SQL, Spark, R, Power BI, and Tableau, which have allowed me to design scalable and efficient solutions for exploratory analysis, report automation, big data processing, and data storytelling visualizations.

My approach combines statistical rigor with communication skills to translate complex data into actionable insights.

I am currently pursuing a Master's in Statistics, with a strong interest in AI, applied statistics, and advanced data science.

## SKILLS

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### Soft Skills:

Critical thinking / Problem solving / Teamwork / Adaptability / Effective communication / Multitasking / Resilience / Innovative thinking / Strong analytical skills

### Technical Skills:

Python / R / SQL / SAS / Power BI / Tableau / Scikit-learn / DAX / Data Studio / Predictive Models / Applied Statistics / Machine Learning / Report Automation / Big Data / Spark

## WORK EXPERIENCE

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### Statistician

University of Antioquia — Medellín | May 2024 – May 2025

- Methodological support in the National Demographic and Health Survey led by the Ministry of Health
- Processing, analysis, and validation of large-scale population data.
- Implementation of statistical techniques to ensure data quality.

### Data Professional

Parque Explora — Medellín | Mar 2024 – Dic 2023

- Automation of strategic reports using Google Data Studio.
- Cleaning and modeling historical data to forecast attendance and participation metrics.
- Optimization of internal data collection and analysis processes.

Data Analyst Jr

### **Junior Data Analyst**

*Fi Group* — Remote | Ago 2022 – Feb 2023

- Built interactive dashboards in Power BI using DAX.
- Improved SQL query performance and analyzed complex databases.
- Identified opportunities for savings and efficiency in R&D projects.

### **Project Analyst**

*Conhintec SAS — Medellin* | Jan 2022 – Aug 2022

- Exploratory and descriptive data analysis using R.
- Developed impact reports for technical consulting projects.

### **Academic Internship – Data Analyst**

*Tigo — Medellin* | Jul 2021 – Jan 2022

- Managed and cleaned large datasets.
- Automated information collection processes for the operations department.

### **Academic Internship – Statistical Modeler**

*ISA — Medellin* | Jan 2021 – Jul 2021

- Developed non-homogeneous Poisson models for fault detection.
- Applied queuing theory and time series analysis for predictive maintenance.

## **COURSES AND CERTIFICATIONS**

- Diploma in Data Analysis with Python — 2023
- Python and Statistics for Financial Analysis – The Hong Kong University of Science and Technology (Coursera) — 2020
- Programming for Everybody – University of Michigan (Coursera) — 2020
- AWS intermediate – MinTic - TalentoTech — 2025

## **OTHER WORK EXPERIENCE**

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- Property Manager. Edificio Villa's. Medellin. 01/01/2025 - Present
  - Consulting project support. Medellin City Hall, IPS 2019 calculation.

## **EDUCATION**

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- Masters in Statistics - National University of Colombia — In progress | 2025 | 2027
  - Bachelors in Statistics - National University of Colombia — 2022
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*"Well-analyzed data not only explains the past but also illuminates the future. I believe in statistics as a bridge between knowledge and action."*