# Nicolas Rodriguez

*Full Stack Data profile with 5+ years of experience on a high-performing analytics and data science teams working closely with business*

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## Professional Experiences

2022 - **Data Analytics Manager**, *Voodoo*, *Paris, France*

Built from scratch and leading an international team of 6 Data Full stack profiles working for the Growth Business Unit

- Blend between defining **strategic goals** and **hands-on operations**
- **Hiring, onboarding and leading** the team. From 0 to 6 Data Full Stack profiles, Junior to Senior
- **Communication** with business leaders to influence strategic decision-making
- Still hands-on **Data Engineering**, **Data Science** and **Data Analytics** operations described below

2020 - 2022 **Analytics Engineer**, *Voodoo*, *Paris, France*

Data Full Stack role. Building models, tables, analyses and tools used by 600+ people for a $800M revenue portfolio

- **Data Engineering** operations dealing with a **2B events per day** database. From API calls into AWS S3, Redshift and Athena, with Airflow DAGs.
- **Data Science** operations predicting future user revenue with Machine Learning models achieving an **accuracy of 85%** to help our Growth business operations
- **Data Analytics** operations working hand in hand with the business, building intermediate table with DBT, final dashboards and tools with Tableau. Managed **dashboards used by 600+ people**

2020 **Data Consultant**, *Simon Kucher & Partners*, *Paris, France*, Project management and creation of dashboards and analysis reports for the customers

2018 - 2019 **Graduate Research Associate**, *Aerospace System Design Laboratory*, *Atlanta, USA*

*Grant University Project: NASA: Hybrid Electric Architecture. Design Data Optimisation of a hybrid electric architecture for a 50-passenger commercial aircraft.*

## Education

2018–2019 **Georgia Institute of Technology, Atlanta, USA**, *M.Sc.*, Aerospace Engineering and Data Science, *GPA : 4/4*

Main subjects: General Physics, Advanced Mathematics, Machine Learning, Optimization, Business Management, Advanced Design Method

*Master thesis: Improvement of Landing Safety by Machine Learning. Project in collaboration with Air Line companies. Training of Random Forest and Neural Network models over thousands of flight hours to predict aircraft landing distance.*

2016–2020 **ISAE Supaero, Toulouse, France**, *M.Sc.*, Aerospace Engineering

Main subjects: General Physics, Advanced Mathematics, Propulsion, Space Mechanics, Artificial Intelligence

## Skills

Team and Product Management — Strong analytical mindset

Excellent communication to technical and non-technical audiences

Expert Python — Expert SQL — Expert Tableau — C — Java — C# — VBA

DBT — AWS Redshift — AWS S3 — GCP — Airflow — Snowflake — Databricks

French (mother tongue) — English (fluent) — Spanish (intermediate)