

## Ary Jose' Rubi Espinal

Milan, Italy

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[Profile LinkedIn](#)

[Portfolio](#)

Honduras- 01/09/1997

Nationality: Italian - Honduran

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### Data Consultant

*Python, SQL, IrionEDM, Power BI, Excel*

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I bring with me a deep knowledge of Big Data, from its acquisition to final visualization and distribution, supported by solid analytical and project management skills. Proficient in analytics technologies and platforms, I have developed excellent communication and teamwork abilities, with a strong results-oriented approach. With precision, attention to detail, and the ability to learn quickly, I am fluent in English, Italian, and Spanish, and possess an in-depth knowledge of major data management software and platforms. My core competencies include Machine Learning, SQL and No-SQL databases, Cloud technologies, data visualization, Business Analytics, project and people management, as well as Extract, Transform, and Load (ETL) and Business Management.

#### Main Competencies

- Machine Learning
- SQL & No-SQL databases
- Cloud Technologies
- Data Visualization
- Business Analytics
- Project and People Management
- Extract Transform and Load
- Business Management

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### Professional Experience

10/2023 – Present

**Dedagroup S.p.A – Milan**  
IT consulting

#### DATA MANAGEMENT CONSULTANT

##### *Activities and responsibilities:*

- Management of complex data pipelines in enterprise environments, involving integration, normalization, enrichment, validation, transformation, and aggregation of data.
- Active involvement in Data Quality and Data Governance projects, primarily using SQL language, rules, and engines to create executions and processes.
- Use of the Irion EDM environment to facilitate data management and the implementation of business processes.
- Collaboration with development teams to ensure the alignment of data engineering solutions with business strategies.
- Supporting clients in defining requirements, identifying improvement opportunities, and assessing the feasibility of proposed solutions.

##### *Main Achievements Achieved:*

- Developed the data flow architecture for key projects, ensuring efficiency and scalability of data handling processes.
- Effectiveness in solving complex problems and managing conflict situations with clients, maintaining excellent customer satisfaction.

05/2023 – 10/2023

**Dedagroup S.p.A** – Milan  
IT consulting

### **BUSINESS ANALYST**

#### *Activities and responsibilities:*

- Defined technical project requirements; identified business improvement opportunities.
- Modeled management processes; advanced information systems and organizational performance.
- Recommended ICT solutions for Finance (banking/insurance) and Industry sectors.
- Gathered and formalized requirements from diverse stakeholders.
- Collaborated with software factories; assessed and improved information flow effectiveness.
- Supported clients in service level definition; ensured high-quality automated system tests.

#### *Main Achievements Achieved:*

- Defined the project's "data flow" architecture, creating a structure that allows the use of the same data for future projects, ensuring continuity and efficiency
- Able to effectively respond to and manage conflicts with clients

02/2022 – 10/2022

**Teethan S.p.A** – Milan  
Medical Devices for Dentists

### **INTERNATIONAL INSIDE SALES**

#### *Activities and responsibilities:*

- Established and nurtured trusting relationships, increasing engagement and improving public relations with key communities
- Coordinated meetings with potential clients in Spain, England, Bulgaria, Chile, Peru, Switzerland, and Argentina, innovating sales techniques and enhancing team performance
- Presented market penetration strategies to management in Italian, promoting an increase in market share in the selected regions
- Unified various divisions to develop a strategic approach to the Spanish market, consolidating and strengthening the market position

#### *Main Achievements Achieved:*

- Analyzed and penetrated the South American market, generating a new client portfolio and opening an entirely new market for Teethan
- Skillfully resolved conflicts and complex issues for clients and internal departments, improving customer satisfaction and optimizing internal processes

#### **Previous experiences**

2021-2022 – **Office Manager**, CIF Vicopisano, Vicopisano

2020-2021 – **Project Management Intern**, UNO Honduras, Tegucigalpa

### **Projects**

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Autorizzo il trattamento dei miei dati personali ai sensi dell'art. 13, D. Lgs. 196/2003 e all'art. 13, GDPR 679/16.

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- Tegucigalpa Real Estate: The project aimed to fill a data gap in Tegucigalpa's real estate sector by scraping information from various websites using Python and automating the data extraction and cleaning with AWS services like Lambda and S3. The processed data was visualized in a Power BI dashboard, providing insights into real estate trends and patterns, making it a valuable tool for understanding real estate dynamics through the integrated use of Python, AWS, and Power BI.
- Beach Reservations: Using SQL, the project analyzed beach reservation data to uncover trends in beaches, boat rentals, and pricing, leading to personalized offers and increased customer satisfaction.

## Language skills and competencies

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Spanish: Excellent written and spoken language knowledge (C2)

English: Very good written and spoken language knowledge (C1)

Italian: Very good written and spoken language knowledge (C1)

Portuguese: Basic written and spoken language knowledge (A2)

Proficient in Python (PySpark, Pandas, NumPy, Scikit-learn, matplotlib, urllib, BeautifulSoup, Selenium), R, SQL (MySQL, SQL Lite, SQL Server), MongoDB, AWS, Microsoft Azure, Google Colab, Power BI, Tableau, Git, Irion EDM

Software: Office Suite (Excel, Power Point, Word)

Cross-functional skills: Communication, Leadership, Negotiation, Collaboration, Problem-Solving, Quick Learning

## Education and Training

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**Master of Science in Business Analytics and Big Data**, Politecnico di Milano Business School, Milan

**Bachelor's Degree in Business Management**, Unitec Honduras, Tegucigalpa

### Courses

SQL Server Fundamentals – DataCamp, November 2023

Designer Foundation – Irion, October 2023

Data Engineer – DataCamp, August 2023

Web Scraping in Python – DataCamp, April 2023

Python for Everybody Specialization – University of Michigan, September 2022

Data Analytics Specialization – Google, July 2022

High Impact Presentations – Dale Carnegie, January 2020

Successful Negotiation – University of Michigan, December 2019

Effective Communication and Human Relations – Dale Carnegie, September 2019