



**Amparo Iglesias - Data Engineer | AI-Engineer**

## Curriculum Vitae

### Personal Data

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Name: Amparo Iglesias

First address: Düsseldorf, Germany

Contact details: Telephone: +49 15752241384  
E-Mail: ampiglesiasgo@gmail.com

Social Platforms: LinkedIn: <https://www.linkedin.com/in/amparo-iglesias-gordillo>  
[www.neurohain.com](http://www.neurohain.com)

Date and place of birth: 13.10.1992 in Montevideo, Uruguay

### Professional Summary

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Multilingual Data, AI and Software Engineer with 9+ years of experience driving digital transformation and automation in financial, government, and enterprise systems. Proven expertise in building scalable data pipelines, ML models, and cloud-based analytics platforms. Skilled in Python, SQL, Azure, AWS, and CI/CD tools. Passionate about solving complex problems using AI, big data, automation with no-code tools (n8n, Make, Api's) to create business value.

### Professional Experience

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04/2026 – Today

**Referent – Retail Sales Analytics, Data & AI Office  
Santander Consumer Bank - Mönchengladbach, Germany**

- Leading the Sales Reporting Direct (SRD) project, delivering data transformations, normalization and integrations with Salesforce to ensure accurate reporting for sales and controlling departments.
- Acting as development lead and Scrum Master, taking

ownership of complex reporting requirements, organizing sprints and coordinating delivery.

- Designing and maintaining normalization engines (Oracle platform) and Apex user-stories, enabling efficiency and scalability in reporting pipelines.

03/2026 – Today

**Founder – Neurohain - Düsseldorf, Germany**

- Neurohain is an AI consulting and implementation agency for small and medium-sized businesses, designing and deploying AI-based automation systems that make client operations run autonomously.
- Acting as technology partner embedded in the client's business: process auditing (BPMN), process optimization, technology stack assessment and cybersecurity review before any AI implementation.
- Leading end-to-end delivery of custom AI systems – from diagnosis to roadmap, implementation and continuous optimization – using Python, n8n, LLM agents, RAG pipelines and cloud-native services.
- Productizing vertical AI solutions under the [Sector]Flow AI™ framework (e.g. VetFlow AI, CoreFlow AI), packaging consulting methodology and operational automation into reusable systems.

04/2021 – 04/2026

**Analyst Developer – Finance & Internal Systems  
Santander Consumer Technology Services**

Mönchengladbach, Germany

- Delivered Tax Reporting initiatives, ensuring compliance with regulatory requirements through Python- and AWS-based solutions.
- Developed and maintained data pipelines and reporting components on Oracle and Salesforce (Apex) platforms, supporting finance and internal systems.
- Collaborated with cross-functional teams in an Agile/Scrum environment, contributing to backlog refinement, sprint delivery and stakeholder coordination.
- Built automation and analytics components leveraging Python, SQL and AWS services (Lambda, S3, Glue) to streamline regulatory and internal reporting workflows.

09/2020 – 03/2021

**Cyber Security - Identity and Access Management  
Santander Consumer Bank SA**

Mönchengladbach, Germany

- Managed segregation of duties and access requests in CyberArk.
- Executed tasks and reports in Sailpoint; managed authorization concepts and rights/roles matrix.
- Prepared audit reports and presentations; improved templates for request and approval processes.

02/2019 – 08/2020

**Software Engineer and Analyst**  
**Obras Sanitarias Del Estado**  
Montevideo, Uruguay

- Led full software lifecycle of internal tools, acting as project lead and technical advisor.
- Developed internal systems using Genexus and SQL, enhancing process efficiency across departments.

11/2014 – 03/2018

**Software Developer, Technical and Funcional Analyst**  
**Quanam**  
Montevideo, Uruguay

- Designed and implemented scalable software in Python, Java, and Odoo ERP, improving functionality and performance.
- Delivered custom data-driven solutions and technical training to enterprise clients.

## Education

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### Computer/Software Engineer

Universidad Católica del Uruguay • Montevideo, Uruguay • 2013 – 2019

## Applied AI & Innovation Projects

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**VetFlow AI** – Intelligent Automation Suite for Veterinary Clinics | Neurohain product, 2026. End-to-end AI system that automates clinical operations (appointments, follow-ups, lead qualification, documentation) without replacing the clinic's existing software, freeing veterinary teams from repetitive administrative work.

- Designed a multi-agent system that manages appointment scheduling, automated WhatsApp confirmations and reminders, and intelligent rescheduling, drastically reducing no-shows and front-desk workload.
- Built RAG (Retrieval-Augmented Generation) pipelines for post-consultation and post-surgery follow-ups, detecting risk keywords in client responses and triggering real-time alerts to clinical staff.
- Implemented preventive-health campaigns and segmented marketing flows (vaccination, deworming, dental cleaning) driven by patient history, increasing client retention and recurring visits.
- Automated document generation and archiving (visit reports, surgical consents, client records) connecting unstructured inputs (chat, voice) with structured CRMs and veterinary software.
- Tech Stack: Python, OpenAI/Gemini API, n8n, WhatsApp Business API, SQL, Google Workspace APIs.

**CoreFlow AI** – Process Diagnosis & AI Implementation Framework | Neurohain service, 2026.

Structured methodology to bring order before automation in service-based SMEs (1–30 people), turning operational chaos into AI-ready, scalable processes.

- Designed a four-phase diagnostic framework: BPMN process auditing, process optimization, technology stack assessment and cybersecurity review (access, data, dependencies, traceability).
- Mapped real operational workflows across Marketing, Sales, Delivery and Administration to surface bottlenecks, hidden human dependencies and redundant tools before proposing any AI solution.
- Produced executive deliverables in Notion (process diagrams, optimized flows, prioritized AI opportunities, risk register and phased implementation roadmap), aligned with ISO 9001 process documentation requirements.
- Once the diagnostic phase is complete, the engagement can continue into an implementation phase, where the prioritized AI opportunities are deployed and integrated into the client's day-to-day operations.

**QueryWise** – Microsoft Hackathon Project | 2024 AI-powered tool designed to convert natural language into complex data queries (Text-to-SQL/Query).

- Built a functional prototype leveraging Azure OpenAI Service to enable non-technical users to interact with databases using plain language.
- Integrated Generative AI models to interpret user intent and execute secure data retrieval, ensuring accuracy and context-awareness.
- Deployed the solution demonstrating proficiency in the Microsoft Azure ecosystem and rapid prototyping under Hackathon constraints.
- Repository: <https://github.com/ampiglesiasgo/QueryWise>

## Skills

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**Programming & Development:** Python, Java, SQL.

**Databases:** Oracle, Postgres, MySQL

**Data Engineering & Analytics:** Data pipelines, automation, data modeling, regulatory reporting.

**Cloud Technologies:** Azure (Data and AI solutions, Machine Learning pipelines), Amazon Web Services (Lambda, S3, Glue).

**Machine Learning & AI:** Certified in Azure Data Science, with hands-on experience building and deploying ML models, automation with no-code tools (n8n, Make, Api's) and Python/Cloud-native frameworks.

**DevOps & Tools:** Git, Jira, Docker

**ERP/CRM:** Odoo, Salesforce

**Banking & Security:** CyberArk, Sailpoint for security and access management.

**Business knowledge:** Certification in finance and business strategy (Harvard Business Publishing, 2023).

**Project Methodologies:** Agile, Scrum, PMP Principles

## **Languages**

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English (Fluent, professional proficiency)

Spanish (Native)

German (B1- in progress)

Portuguese (Native)

## **Certifications**

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### **Introductory Course to AI Development**

**BIG school • 2025**

Software development practice supporting by AI tools.

### **IA WORKFLOWS**

**BIG school • 2025**

Use, tools, and creation of workflows with artificial intelligence

### **Microsoft Certified: Azure Data Scientist Associate - Microsoft • 2024**

Design and implement data science environments, explore data, train models, build pipelines, and deploy scalable ML solutions using Azure Machine Learning and MLflow. Expertise includes deployment, monitoring, and retraining models for production.

### **Introduction to Data Analysis in Microsoft Power BI - dataquest.io • 2023**

Data Analysis in Microsoft Power BI

### **Artificial Intelligence and Machine Learning**

Hack Academy • 2020

Principles of artificial intelligence and all its concepts.

### **CyberArk Trustee Certification - CyberArk • 2021**

This certification teaches students the role of privileged accounts in the threat landscape and solutions for managing privileged access to mitigate risk and protect organizations.

### **Business for All - Harvard Business Publishing Education • 2023**

Master finance fundamentals, assess investments with ratios, align budgets with strategy, and enhance team decisions. Build business cases by analyzing opportunities, risks, and plans. Strengthen marketing strategies, research customers, and target global markets. Measure performance via KPIs, set goals, and analyze data. Master negotiation skills and foster customer-centric teams.

### **Project Management: Training for CAPM / PMP certification Hexa • 2019**

Training for CAPM / PMP certification

### **Docker esencial - LinkedIn Learning • 2019**

## Highlights

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- 9+ years of software/data engineering experience
- Led automation and data science projects on Azure & AWS
- Strong cross-functional collaboration and stakeholder communication
- Experience working in highly regulated environments (banking, utilities)