

# Ruben Encinas Moreno

## Junior Data Engineer

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### Professional Summary

Junior Data Engineer with hands on experience building end-to-end ETL pipelines using Python, SQL, AWS, and Snowflake. AWS and IBM certified, with a strong foundation in data modeling, cloud-based data architectures, and data validation. Bioengineering background with proven ability to work in technical, data driven environments and deliver reliable, well documented data solutions.

### Projects

#### AWS-Snowflake E-commerce ETL Pipeline

- Built an end-to-end ETL pipeline ingesting e-commerce data from AWS S3 into Snowflake using AWS Glue and SQL.
- Designed and validated analytical tables with a focus on data quality, schema consistency, and query ready structures.

#### COVID-19 Data ETL Pipeline

- Developed a Python-based ETL pipeline to extract, clean, and transform large scale COVID 19 datasets using pandas and SQL.
- Loaded structured data into PostgreSQL, enabling efficient querying and downstream analysis of trends and indicators.

### Professional Experience

#### Data Quality and AI Evaluation Contributor, Outlier / Remote / Nov 2024 – Present

Reviewed and validated structured and unstructured data outputs generated by large language models, ensuring data accuracy, logical consistency, and quality standards. Performed analytical validation across technical and quantitative tasks, identifying errors and inconsistencies, and provided documented feedback to support continuous improvement of model performance and data reliability.

#### Intern, University of California San Diego / La Jolla, CA, USA / Aug 2023 – Dec 2023

Collected, structured, and analyzed biomedical data for a blood storage research project under controlled anaerobic conditions. Supported quantitative analysis and technical documentation for research reporting in a highly regulated laboratory environment.

### Certifications and Courses

#### AWS Certified Data Engineer – Associate, Amazon Web Services | 2025

Credential Verification: [AWS-DEA-C01](#)

#### IBM Data Engineering Professional Certificate, Coursera | 2025

Credential Verification: [IBM Data Engineering](#)

### Education

#### M.S. in Big Data (In Progress), Universidad Autónoma de Guadalajara | 2026 – Expected 2027

Graduate program focused on big data architectures, data engineering, data analytics, and large-scale data processing.

#### B.S. in Bioengineering (Honorable Mention), Universidad Autónoma de Baja California | 2024

Academic foundation in bioinformatics, statistics, data analysis, and programming, with exposure to digital signal processing.

### Technical and Professional Skills

- **Programming:** Python, SQL
- **Cloud & Data Platforms:** AWS (S3, Glue, Redshift, Lambda, Athena), Snowflake, Docker
- **Databases:** MySQL, PostgreSQL, IBM Db2
- **BI & Analytics:** Amazon QuickSight, Google Looker, IBM Cognos
- **Version Control:** Git
- **Familiar with:** MongoDB, Cassandra, Airflow, Kafka, Spark, Hadoop
- **Languages:** Spanish (Native), English (B2 – TOEFL iBT)