



Federico Paci

Data Engineer

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Skills

Infrastructure :  AWS,

Programming Languages:  SQL,  Python,

Databases:  Redshift,  Teradata,  Snowflake,  Postgres

Tools and Frameworks:  Airflow,  Glue,  Git

Languages: Spanish (native), English (B2)

Experience

Data Engineer	Spear Education	02/2024 - Present
<ul style="list-style-type: none">Project of migration of Redshift data warehouse with Matillion as ETL tool to Snowflake Datawarehouse with Coalesce as the main ETL tool.Development of ETL (Extract, Transform, Load) tasks, maintaining data integrity and verifying pipeline stability. Techs: Matillion, AWS Glue, Python, SQL, Fivetran Coalesce,Evaluated various tools, technologies, and best practices for potential adoption in the company's data engineering processes.		
Data Engineer	Frubana	01/2022 - 12/2023
<ul style="list-style-type: none">Development of ETL (Extract, Transform, Load) tasks, maintaining data integrity and verifying pipeline stability. Techs: Airflow, AWS Glue, and PythonDevelop Python dags and lambda to collect data from different sources, such as S3, API, and Google SheetsEvaluated various tools, technologies, and best practices for potential adoption in the company's data engineering processes.Generate insights and dashboards with Metabase, Superset, Redash, and Looker Studio.Administer user connections and permissions on Metabase, Superset, Redash, and RedshiftMonitor and control data warehouse and data lake performance, keep track of redshift queue, help clients with query tuningKeep track of customers' tickets and issues.		
SQL Professor	Coderhouse	08/2021 - 12/2023
<ul style="list-style-type: none">Part-time job as SQL Professor.Demonstrated strong interpersonal and communication skills, resulting in clear subject matter discussion with students.Meet with team members to discuss approaches, lessons, and future learning objectives.Encouraged class discussions by building discussions into lessons, actively soliciting input, asking open-ended questions, and using techniques to track student participation.Different technologies were used to engage students in achieving learning outcomes.Researched and selected course texts and supplemental learning materials.		
Data Engineer	Eldar	05/2021 - 10/2021
<ul style="list-style-type: none">Database Migration project, from DB2 to MySQLDesign MySQL DDL based on the current DB2 database.Generate ETL process to keep an updated mook of data for the development and testing stages.Suggest changes on data warehouse model, to reduce impact on extraction step.		
Data Engineer	BBVA	05/2018 - 05/2021

- Develop ETL process, data modeling, and data pipelines in different tools such as SSIS SQL Server Integration Services, Teradata SQL, IPC PowerCenter
- Develop end-to-end process or solutions, from gathering user requirements, creating documents and developing SQL ETL.
- Python development with Google Apis
- Coach coworkers in data warehouse model, SQL queries, and help them to solve performance issues
- Project and improvements proposed:
 - Scoring of email integrating different sources, reducing wasted emails attempts in 38%
 - Developed a process that has successfully eliminated client complaints related to product activation, leading to improved client satisfaction.
 - Developed CRM-like application, which connect to different data sources to reduce time consuming tasks
 - Developed a process to pay different gifts/rewards to clients and avoid conflicts between commercial campaigns.

Softland Software Analist

CECOSA

05/2018 - 05/2021

- T-SQL Development, stored procedure, views, functions, and maintenance plans
 - Administration of user-profiles and security parameters
 - Document new processes and create user manuals and flow charts.
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Education

- B.S. in System Engineering
 - UADE University
 - From 03/2017 - 07/2020 Up to 3er year
- Undergraduate
 - ITU Institute Of University technologies
 - From 03/2012 - 12/2015
- High School Diploma of Electric Technicians
 - ETIEC School
 - From 03/2001 - 12/2006