

ALEX POMA

Data Engineer

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Perú



I'm passionate about data, I'm currently working at TCS as a Data Engineer for a RIMAC Seguros project. I consider myself a self-taught person, who loves technology and process automation, I have several years working with data, ease of working as a team, efficiently solve problems and achieve the productivity goals set by the company and my work group.

WORK EXPERIENCES

Data Engineer

TCS - RIMAC | Nov 2020 - Now

I'm part of the Tribu Data, a member of the AWS Support team, responsible for creating and maintaining different data pipelines using Cloud technologies and SCRUM methodologies.

- Part of the RIMAC Seguros project for the implementation of the BigData ecosystems on AWS.
- Create workflows using AWS Step Function.
- Creation of Python Jobs on AWS Glue for data processing automation.
- Triggers generation in AWS Lambda.
- Scheduling works with AWS CloudWatch.
- Creation of tables and scripts in Athena and Redshift.
- Implementation and optimization of scripts in Presto SQL.
- Logs review, correction and optimization of potential errors.
- Creation and optimization of Dashboards using Power BI.
- Use of Agile methodologies complemented with Scrum.

AWS | Lambda | Glue | Step Function | CloudWatch | Athena | Redshift | Python | Presto SQL | PowerBI | Power Automate

Analista de Inteligencia de Negocios

CMAC Tacna | Jun 2018 - Nov 2020

Inside the Caja Tacna I had the opportunity to learn many things about the financial system, also to being part of the Business Intelligence and Analytical Solutions area, where I was able to generate and optimize Scripts in SQLServer, use ETL tools to create OLAP cubes and the generation of Power BI Dashboards.

- Implementation and administration of the Data Warehouse.
- Generation of credit reports using SSRS.
- Generation of data load packages using SSIS.
- Implementation of OLAP Cubes using SSAS, for the generation of managerial reports.
- Automating the SBS Data Extraction Process using SSIS and R.
- Times reduction for the generation of financial periods, with the implementation of an OLAP Cube.
- Implementation of Dashboards using Power BI.
- Generation and improvement of Scripts in SQL Server.
- Implementation of the Sinergia project that covers the most used and most important reports and management boards for the company's decision making.

SSIS | SSRS | SSAS | PowerBI | MS SQL Server | R | DAX | MDX

Technical Assistance - ML Developer

UNJBG - H2O | Sep 2020 - Jul 2021

Support the Water Research group of the Jorge Basadre Grohmann National University, generating statistical and machine learning models, using R and Python.

- Multiple statistical graphs were created using R and Python, using the researchers specifications.
- Automate multiple manual processes so allow researchers focus on data analysis.
- Shiny UI with interactive graphics were generated.
- I have created Notebooks in Jupyter and R Markdown.
- A Neural Networks model was developed using TensorFlow for Evapotranspiration prediction.

Python | R | Shiny | Jupyter | Neural Network | Machine Learning

SKILLS

Technicals

Python/SQL/R
AWS/GCP
Spark/Airflow
Big Data
Data Pipelines
Machine Learning
Data Visualization

Professionals

Effective communication
Teamwork
Problem solver
Good time management

EDUCATION

Eng. in Computer Science and Systems

Jorge Basadre Grohmann National University
2011 - 2015

LANGUAGES

Spanish (Native)
English (Professional)
Portugués (Professional)

INTERESTS

Swimming
Photography
Programming
Cartoons