ANDRE LUI RAMOS PROVINCIA

Data Analytics | Data Scientist | AWS and Google Certified | Developer

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PROFESSIONAL SUMMARY

Experienced **Data Analyst** with over 4 years of expertise in the field, complemented by extensive involvement in Data Science projects utilizing Cloud technologies. Proficiently contributed to projects as a software developer, actively collaborating in decision-making processes by analyzing client, organizational, and institutional requirements.

Proactive and responsible professional with a track record of efficiency and strong communication skills. Demonstrates high adaptability and flexibility to navigate through changes effectively. Possesses excellent integration capabilities and a keen desire for continuous improvement and excellence.

EDUCATION
2023 – 2025 – Master of Data Science (San Pablo Catholic University).
2021 – 2022 - Professional Diploma in Data Science (San Pablo Catholic University).
2017 – 2022 - English Advance – C1 (San Pablo Catholic University).
2013 – 2018 - Bachelor's in Computer Science (San Pablo Catholic University).

SKILLS
- **Technical:**
  Data Structure, Big Data, Data Analysis, Data Visualization, Machine Learning, Neural Networks**,** Object Oriented Programing.
- **Business:**
  Contribution systems,
  Tax Management Systems
- **Programing Languages & Technologies:** SQL (PostgreSQL, SQLServer), SSAS, SSRS, Python, AWS (Athena, S3, EC2, Redshift, Lambda, Sagemaker, Glues), Colab, Spark, Power Bi, GIT (GitHub), Visual Code, Pascal, .Net C#, Jira.
- **Languages:** English(C1), Spanish(Native)

INTERNATIONAL CERTIFICATIONS

Google Data Analytics Professional Certificate - **37E7SWZRV8GF**.
2022

AWS Certified Cloud Practitioner.
2022

WORK EXPERIENCE

Data Analyst
Grupo T.X   **Aug 2022 – March 2024**

- Proficient in crafting robust reports leveraging SQL Server technologies including **SSRS**, **SSIS**, and **SSMS**.
- Optimized the performance of queries significantly reducing their execution times, all this prior to deep analytics.
- Utilization of **AWS** services for seamless data migrations, incorporating **DMS**, **Step Functions**, **Lambda**, **S3**, **Athena**, **EMR**, **and Python**.
- Analysis and Prediction: Leveraged **Python** and **SQL** for exploratory analysis and building predictive models, utilizing libraries such as **NumPy**, **Pandas**, **Seaborn**, and **others**. Applied these tools to infer behaviors within **Tax Management** and **contribution systems**, including projects focused on **risk analysis**.
- Utilized **Visual Studio Code** and Amazon **SageMaker** as coding environments for analysis and prediction tasks.
- Developed intricate **SQL** queries and **Python** scripts to compute metrics, facilitating the design of interactive dashboards using **Power BI** or Amazon **QuickSight**.
- Utilized **SVN** (**Tortoise**) as a version control system.
- Utilized **Jira** as a comprehensive work management tool

Data Analyst
NeoPlus Business S.A.C   **Aug 2021 – July 2022**

- **Analyzing:** Using **PostgreSQL** to create data warehouses or **ETL** processes and **PowerBi** to get a view of sales in a more user and developer friendly way.
- Data Analysis and Predictive Modeling**:** Utilized **Python**, including libraries such as **NumPy**, **Pandas**, and **Matplotlib**, to conduct in-depth data analysis and predictive modeling, particularly in the domain of financial services. Employed machine learning techniques, including supervised algorithms and **PyTorch**, to assess banking risk and forecast potential outcomes related to credit and savings.
- I have proficiency in utilizing various development environments such as **Visual Studio Code**, **Spyder**, and **Google Colab** for coding purposes.
- Metric Development and Interactive Dashboards: Spearheaded the creation of intricate **SQL** queries and **Python** scripts to compute financial metrics. Crafted dynamic and interactive dashboards using **Power BI**.
- Continuously leverage **SQL** within **Python** to construct intricate queries, enhancing the analytical process.
- Utilized Object-Oriented Programming principles in **Python** to develop modular classes, facilitating easier troubleshooting. Additionally, leveraged these classes to develop desktop system **dashboards**.
- Used **GIT** (GitHub) as Version Controller.
- Knowledge and experience in the agile **Scrum** methodology, including sprint planning, daily meetings, retrospectives and reviews.

Software Developer
NeoPlus Business S.A.C   **Sep 2019 – July 2021**

- **Creation of Desktop System**: Utilized IDE Lazarus (Pascal) along with other software tools to develop desktop accounting systems."
- **Managing database:** Used **PostgreSQL**, and **SQL Server** to create and manage the database.
- **Front End**: Used tools such as **HTML**, JavaScript, and **CSS** to develop a Financial Web Application.
- Used **Subversion** (Tortoise) for maintaining current and historical versions of the projects.
- Used **Scrum** for incremental product development
- Used Development **Object-Oriented**.
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WORK EXPERIENCE

Software Developer
iteSUR   **Nov 2018 – July 2019**

- Used **Visual Studio** IDE (C#) and other software tools to create accounting systems (desktop system) to create an educational software.
- Used **MySQL** to manage databases and create complex **SQL** queries.
- Participated in team building activities to improve working relationships.
- Developed Financial **Backend** microservices.
- Led version control efforts for the organization, employing **GitHub** and other public and open source repositories.
- Participated in software field testing to verify performance of developed projects.
- Trained and managed team of developers and discussed issues to provide solutions and apply best practices.
- Introduced **agile methodologies** (**Scrum**) and development best practices in the division to improve product development.