VICENTE DE LEON W.

M.S. in Data Science | Data Science | Machine Learning | Deep Learning | Data Engineering

Miami, FL 33178   ✉ vamado09@gmail.com   in H Vicente De Leon Williams

EDUCATION

INDIANA UNIVERSITY
Bloomington, IN.

Master of Science in Data Science (GPA: 4.0).
Jan 2022 – Dec 2024

FLORIDA STATE UNIVERSITY
Tallahassee, FL.

Bachelor's Degree in Risk Management & Insurance.
Jan 2014 – Dec 2018

LANGUAGES

- English
- Spanish

SKILLS

- Inferential Statistics.
- Python, Scala, SQL, Java, R.
- Machine Learning | Deep Learning (Scikit-Learn, TensorFlow PyTorch).
- Natural Language Processing.
- LLMs Integration (Hugging Face & OpenAI).
- Apache Spark and Apache Hadoop.
- Data Pipelines and ETL Pipelines.
- Amazon Web Services.
- Streamlit, Shiny, Django.
- Relational Databases (MySQL, SQLite, PostgreSQL).
- NoSQL Databases (MongoDB, Neo4j, Cassandra, Redis).
- PowerBI and Tableau.
- Anaconda, Google Colab, IntelliJ, MySQL Workbench, VSCode, Rstudio.
- Bloomberg Terminal.

As a proficient data practitioner, committed to excellence and determination, I embrace challenges with a genuine desire to contribute, persevere, and above all to listen. Hard work enables me to approach new fields, even without prior expertise, with an open mind ready to learn. I hold a deep appreciation for new experiences that will enrich my Data Science journey. Please, click the following link to view projects related to my Data Science: https://dsportfolio-web-app-vdlw.streamlit.app/

WORK EXPERIENCE

DATA ENGINEER | LUDDY SCHOOL OF INFORMATICS, COMPUTING, AND ENGINEERING
Indiana University, Bloomington, Indiana | May 2024 – August 2024

- Collaborating in the creation of IU's Virtual Tissue Simulation Ecosystem (OpenVT).
- Creating data pipelines for ingestion and preprocessing purposes to feed into the knowledge base,
- Designing, implementing, and documenting a hybrid database system.
- Working closely with software and intelligent engineers to deliver technical information to management.

DATA ANALYST | PORTFOLIO MANAGEMENT DEPARTMENT
Banco Aliado, S.A., Republic of Panama | Jul 2021 – Jan 2022

- Engineered machine learning models, including Logistic Regression, Random Forest, and Artificial Neural Networks, to enhance credit risk assessment and lending decisions (predictive analytics).
- Developed automated Python scripts and PowerBI solutions for generating timely regulatory reports for the Superintendency of Banks of Panama.
- Created interactive PowerBI dashboards to visualize trends and insights from client data, aiding management in decision-making.
- Managed SQL-driven report generation for a diverse portfolio of national and international companies, analyzing distinct risk ratings and repayment capacities.

FINANCIAL RISK ANALYST | RISK DEPARTMENT
Banco Aliado, S.A., Republic of Panama | Jan 2020 – Jul 2021

- Utilized Bloomberg Terminal and Monte Carlo Simulation to calculate Value at Risk (VaR) for managing and assessing portfolio risks.
- Played a key role in facilitating international clients' access to substantial loans ranging from $12.0M to $20.0M.
- Conducted comprehensive financial statement analyses, leveraging financial ratios and credit risk assessment techniques to evaluate the creditworthiness of credit requests, while considering macroeconomic factors.