VICTOR GERARDO RIVERA

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TECHNICAL SKILLS

- Python (TensorFlow, PyTorch, Keras, Scikit-learn, XGBoost, LightGBM)
- Docker, Kubernetes
- SQL, NoSQL, Big Data (Hadoop, Spark)
- Data Structures and Algorithm
- Matplotlib, Seaborn, Plotly, Power BI, Tableau.
- Transformers Hugging Face
- CI/CD Pipeline

PROJECTS

Alaska Lightning Strikes
May, 2024

- Technologies: Streamlit, GeoPandas, Contextily, Matplotlib
- Objective: Developed an interactive web application to visualize lightning strike data across Alaska, aiming to support government emergency systems in identifying ground strike locations and proactively mitigating wildfire risks.

PuertoRicoExploring – Interactive GeoData App
January, 2025

- Technologies: Streamlit, GeoPandas, Folium, Streamlit-Folium, OpenAI API, BeautifulSoup, Pandas, NumPy
- Integrated AI capabilities via OpenAI API to generate contextual insights, while using BeautifulSoup and Requests for web scraping and Pandas/NumPy for data processing.
- Objective: Enhance geographic data interpretation and decision-making by combining visualization, real-time data extraction, and natural language insights.

Amazon Sentiment Review – AI-Powered Review Classifier
December, 2024

- Technologies: Plotly, NLTK, Pandas, NumPy, Transformers, PyTorch, Scikit-learn
- Built a sentiment analysis app to classify Amazon product reviews using NLP and deep learning.
- Visualized insights with Plotly and applied transformer models for accurate classification.
- Objective: Help businesses better understand customer feedback to improve products and services.

WORK EXPERIENCE

Data Scientist | CriptBase LLC
Jan 2021 - present

- Responsible for applying advanced analytical and statistical methods to interpret and analyze complex data sets.
- Using Python and SQL, I develop and implement predictive models to provide insights for strategic decision-making.

General Manager | HealthWeed LLC
Jan 2017 - Dec 2021

- Led daily operations and strategic planning to drive efficiency and growth.
- Supervised teams and implemented process improvements based on data analysis.
- Developed operational and marketing plans aligned with regulations and performance goals.
- Leveraged tools like Excel and Power BI to track KPIs and support decision-making.

EDUCATION

Business Administration - Associate Degree
Jan 2017 - Sept 2018

- Minor in Human Resources

Computer Engineering - 32 Credits- Interamerican University
Ago 2010 - Nov 2012

AWARDS & ACHIEVEMENTS

- NASA Open Science Certificate (2023)
- Data Science Bootcamp Certificate (2024)
- AI Engineering Bootcamp Certiciate (2024)
- Python Bootcamp Certificate (2023)

- Reference avalaible upon request