ERICK ADAME

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OBJECTIVE

Seeking a career change to data analyst with the goal of capitalizing on proven data analytics skills and 16 successful years in journalism. Transferable skills include data management, data visualizations and storytelling, excellent organizational and public speaking skills , ETL skills (cleaning, organizing, and preparing raw data for storage) and machine learning (ML).

SUMMARY

- Experience cleaning, transforming and engineering datasets to create data visualizations and written analyses that are actionable and easy to understand
- Diverse data analysis skill set includes Python, SQL and tableau used to identify useful trends and patterns
- Deep understanding of complex data sets such as meteorological and climate data and it's impact on energy use and green energy production such as solar and wind.
- 15+ years of experience of public speaking, storytelling and interacting with the public while always maintaining a professional and friendly attitude

SKILLS

DATA ANALYTICS: Adobe Acrobat PDF, Advanced Microsoft Excel, Advanced Powerpoint, Analytical Decision Making, API Data Gathering, Data Cleaning, Data Engineering, Data Visualizations and Dashboards, Identification of Data Trends, Javascript, Juypter Notebook, Matplotlib, Microsoft Access, Mongo DB, Pandas, Postgres SQL, Python, Relational Databases, SQL, Statistical and Math Calculation, Tableau, VBA

METEOROLOGY: Experience in Fast-Paced Environment, Green Energy Story-Telling,
Severe Weather: Winter, Thunderstorms,Tropical, Verbal and Written Communication, Weather and Climate Writing,
Weather Data Gathering and Analysis, Weather Forecasting (Short, Medium, Long Range),
Weather Model and Ensemble Model, WSI Max, IBM Max, Barons

PROJECTS

Citibike Rider Patterns using Tableau - https://bit.ly/tableau_citibike 05/2023
Using a dataset from Summer 2013, several visualizations were created to tell a story about the patterns of riders during the month of June. Features such as gender and age were compared to duration of rides as well as start/stop points within the Citibike network. Dashboards and a tableau story were the final product to display the conclusions.

An Analysis of World Methane Emissions by Region - https://bit.ly/world_methane_emissio 04/2023
The goal of this project was to visually display a dataset of methane emissions data for the entire world which was broken down by region. As we know, methane gas is a major contributor to climate change and understanding where there are opportunities is very important. The process of creating our final visuals was a multi-step process. By making use of a flask app and moving data to a Postgres SQL database, we created a locally-hosted API with our data. We then used javascript to create a dashboard to display our data visualizations dynamically.

U.S Energy Source Analysis - https://bit.ly/Energy_Source_Analysis 03/2023
This project, using pandas and Matplotlib, visualizes data from the U.S Energy Information Admin. The data is meant to highlight the significant reliance on fossil fuels while also showing a significant increase in wind and solar as an energy source since 2005.

An Air Quality Index Analysis for U.S Cities in 2022 - https://bit.ly/Air_Pollution_Analysis 02/2023
Using openweathermap.org's API, created a python code that gathers hourly AQI values for a number of U.S cities in 2022. The data is grouped by days using the EPA standard to determine a single AQI value for each day. The data is plotted into simple bar charts mapped to determine what parts of the country have the best and worst air quality.

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EMPLOYMENT

Weather with Erick, *Owner*, Jersey City, NJ   03/2023 - Current

'Weather with Erick' is a weather subscription designed to give weather enthusiasts more context to a weather forecast than a typical weather app can provide. Subscribers receive a daily email with detailed weather information and an easy-to-understand video that explains why the weather is doing what it's doing.
Subscription service was paired with a highly successful social media campaign that reached thousands of potential subscribers.
Within a month of launching, acquired over 200 paid subscribers and have continued to grow through innovation and listening to what subscribers are looking for with their daily forecast.
'Weather with Erick' uses common data analyst tools such as python scripts, pandas, VBA and matplotlib to gather, organize and visualize weather information for multiple cities across the country.

WeatherPrep LLC, *Consulting Meteorologist*, New York, NY   08/2021 - Current

WeatherPrep is a meteorological consulting firm that offers tailored forecasts for special events and organizations.
Prepared detailed weather forecasts and live weather information for event organizers and city agencies during concerts and large events like the New York City Marathon.
Provided weather information that is hyperlocal and time sensitive. Worked along side emergency management , other emergency services and event coordinators , giving minute by minute weather updates.

Spectrum News NY1, *Morning Meteorologist*, New York, NY   09/2017 - 09/2022

Quickly became a critical part of the huge success of "Mornings on 1" by being enthusiastic, engaging, and informative.
Assisted in created a working model for Spectrum Networks to increase the quality of our daytime programming.
Calm and informative presentation during severe weather, like Tropical Storms Ida and Isaias lead to several award nominations .
Collaborated with graphics teams and other meteorologists to make easy-to-understand weather graphics that our viewers love.

Spectrum News Upstate New York, *Meteorologist*, Syracuse, New York   09/2007 - 09/2017

Gained a decade of experience forecasting lake effect snow in some of the worst winter weather found around the country.
Mastered the art of flexibility and multi-tasking in breaking situations, especially when weather varied greatly across New York State.

KAUZ-TV, *Meteorologist*, Wichita Falls, TX   09/2006 - 09/2007

Using Baron's radar, delivered street-level detail of severe weather that included large hail, tornadoes and damaging wind gusts.
Changed the tone of weathercasts by incorporating a lifestyle aspect to the forecast, such as "Drive Time Forecasts" and "Golf Time Forecast", which made weather approachable and relatable.

EDUCATION

Rutgers University Boot Camp - New Brunswick, New Jersey   12/2022 - 06/2023
Certificate Data Analytics 2023

SUNY Oneonta - Oneonta, New York   08/2001 - 05/2005
Bachelor of Science Meteorology 2005

AWARDS

Winner: Local TV Spot News, Mornings on 1 - Hurricane Ida Coverage, *Deadlines Awards*   2021

Emmy Nomination: Hurricane Ida Coverage, *The New York Chapter of the National Academy of Television Arts and Sciences*   2021
On that early morning in late August, New Yorkers woke up to stranded cars, destroyed basements, and news of 13 lives lost. The flash flooding caused by the remnants of Ida devastated our city and was a stark reminder of the reality of climate change. The morning after Ida our team was there for the residents of our city to tell the story and keep them informed on what comes next.

Emmy Nomination: Tropical Storm Isaias, *The New York Chapter of the National Academy of Television Arts and Sciences*   2020
The worst of Tropical Storm Isaias hit from early morning through early afternoon. I had the opportunity utilize my ability to keep a proper tone that viewers find comforting, credible and informative. My team and I were recognized for our efforts in the field.

Best Weathercast, *Associated Press Club Awards*   2017
Recognized for my excellent coverage of severe weather in Western New York. A tornado warning was issued on a summer afternoon in August and that warning continued for three hours. The coverage kept a level tone that still communicated the severity.