DEVAM K. JANI

+1 (437) 970-2350 ◇ Canada ◇ Portfolio
devam.jani2000@gmail.com ◇ linkedin.com/in/devamkjani-dataanalyst ◇ github.com/DevamKJani

OBJECTIVE

Experienced data analyst skilled in SQL, Advanced Excel, data visualization, and Python who developed expertise in data extraction, transformation, and analysis through 2+ years of hands-on, guided and unguided projects, along with analytical and technical abilities to deliver data-driven insights and visualizations.

EDUCATION

Master of Applied Computing, University Of Windsor, Ontario, Canada — May 2022 - Aug 2023
Bachelor of Computer Science and Engineering, Parul University, Gujarat, India — Jun 2017 - May 2021

SKILLS

Programming Languages. Python, R, SQL, Java, LaTex
Databases. MSSQL, MySQL, MongoDB, PostgreSQL
Libraries/Frameworks. Scikit-learn, Tensorflow, Keras, OpenCV, matplotlib, plotly, CNN, RNN, Flask, RestAPI, Docker, Linux
Tools. Git, GitHub, Advanced MS-Excel, UNIX Tools, Shell Scripting, Jupyter NoteBook, SSMS, Cloudera, MS-Suite, JIRA, Spyder, VS Code, Google Colab
Data Analysis. Data Mining, Data Cleaning, Data Preparation, Statistical Analysis, Predictive Analysis, Time Series Forecasting, Statistics, Recommendations System, Machine Learning, Pattern Recognition, Data driven details
Visualization Tools. Power BI, Tableau, Google Data Studio
Cloud Platform. Microsoft Azure, AWS, Heroku
Core Competencies. Documenting, Reporting, Analytical problem solving, Business acumen, Time optimization, Critical thinking

EXPERIENCE

Technical Support Specialist — Sep 2023 - Present
Apple Inc. (KellyConnect) — *Remote*

- Utilized company-provided documentation, procedures, tools, and manuals to deliver comprehensive technical support for hardware and equipment issues.
- Performed daily application system maintenance, identifying and troubleshooting problems, and ensuring timely issue resolution
- Demonstrated exceptional written and verbal communication skills in handling email correspondence & calls.
- Gathered relevant customer and technical information to determine appropriate support level and escalated complex issues as necessary.
- Analyzed recurring problems to identify patterns and provided valuable input to development teams for process improvements.

Data Scientist Intern [GitHub] — Aug 2020 - Oct 2020
SmartKnower — *Mumbai, India*

- Developed an image classifier using convolutional neural networks in Python and TensorFlow achieving 66% validation accuracy.
- In 2020, the global image recognition market size was valued at $20.19 billion (MarketsandMarkets), with key growth areas including retail, security, automotive, and healthcare like medical imaging projected to reach $4 billion by 2023 (Opto-Electronic Advances).
- Analyzed diverse datasets from multiple sources through web scraping, Employed data augmentation, regularization, and hyper-parameter tuning to optimize CNN extracting visual features from images, leading to 10% improved classification accuracy.

PROJECTS

International Debt Analysis Using SQL [GitHub] *Self-guided*
Used: Windows, PostgreSQL, Jupyter, Python

- Utilized Python scripts and SQL queries to gather and scrape comprehensive international debt data from various authoritative sources for 124 countries (representing over 90% of the global population), ensuring a robust and reliable dataset for analysis.
- Performed thorough data cleaning and preprocessing techniques, leveraging PostgreSQL and Python, to handle missing values (reducing null entries by 85%), outliers, and inconsistencies, enabling accurate analysis and insightful conclusions from the debt indicators dataset.
- Implemented advanced data visualization techniques using Python libraries like Matplotlib and Seaborn to create informative charts, graphs, and interactive dashboards, effectively communicating key findings and trends related to international debt, interest payments (accounting for 60% of total debt), and principal repayments across different countries and indicators.

Real-time Data Streaming for Stock Market Prediction [GitHub] *University Of Windsor*
Used: Linux, Python, LSTM, Tensorflow, YFinance, Amazon s3, SageMaker, Tableau

- Developed a robust data ingestion pipeline to continuously stream real-time stock market data from Yahoo Finance API, capturing over 95% of trading activity across major global exchanges, ensuring a comprehensive and up-to-date dataset for training machine learning models.
- Leveraged advanced feature engineering techniques, including the extraction of 20+ technical indicators and deep learning-based feature embeddings, resulting in a 12% improvement in model accuracy compared to baseline models while reducing training time by 15% through distributed training across GPU clusters.
- Implemented a scalable and high-performance pipeline using TensorFlow and LSTM networks, capable of ingesting real-time data streams, conducting preprocessing and feature engineering, training models in a distributed fashion, and generating trading signals with an average prediction accuracy of 85%.

Movie Recommendation System using Hadoop [GitHub] *University Of Windsor*
Used: Linux, Hadoop, HDFS, MapReduce, HTML and JAVA

- Extracted and processed a massive movie dataset comprising over 1 million entries from the renowned GroupLens research group, leveraging optimized HDFS-based data processing algorithms developed in Java, resulting in a 75% reduction in processing time compared to previous methods.
- Designed and implemented a recommendation engine in Java, capable of suggesting up to 5 movies based on user-selected genres, achieving an impressive accuracy rate of over 90% during extensive user testing involving a diverse group of participants.
- Developed a user-friendly basic web interface using HTML, CSS, and JavaScript, seamlessly integrated with the recommendation engine, allowing users to input their genre preferences and receive personalized movie recommendations.

EXTRA-CURRICULAR ACTIVITIES

- **Finalist, I-STORM State-Level Hackathon (2020):** Achieved finalist status in the I-STORM hackathon competition at the state level, working in a team of two to develop a healthcare solution leveraging blockchain technology, demonstrating proficiency in rapid prototyping, innovative thinking, and a deep understanding of emerging technologies.
- **Volunteer Organizer, Coding Competition (2019)"** Collaborated in a team to build an innovative robot car capable of detecting colors and executing specific movements based on the identified colors, showcasing technical skills and problem-solving abilities.
- **Participant, IIT Techfest (2018):** Contributed to the successful execution of a coding competition held at the university by volunteering as an organizer, gaining valuable experience in event planning, coordination, and ensuring a seamless experience for participants.