Donetra Lanjewar

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OBJECTIVE

Results-driven analytics professional with extensive experience in data management, advanced analytics, and business intelligence. Proficient in SQL, Python, and data visualization tools like Power BI and Tableau. Skilled in transforming complex data into strategic insights, optimizing processes, and implementing innovative data solutions. Eager to leverage my analytical and technical expertise to drive data-driven decision-making and operational efficiency in a dynamic organization.

TECHNICAL SKILLS

- Programming: Python (Pandas, NumPy, matplotlib, Pyspark), R, Hadoop
- Data Visualization and Reporting: Power BI(DAX), Tableau, QlikView
- Data mining and cleansing: SAS Enterprise Miner, Scikit-learn
- Data processing and modeling: Statistical analysis, Predictive modeling
- Database Management: MySQL, SQL, Databricks, MongoDB, Oracle BigQuery, Hive, SQL Server, Access, SparkSQL
- Microsoft Office suite: Advanced Excel(VLOOKUP, Pivot, Macros), Word, PowerPoint, Access, OneDrive
- Operating System: Windows, macOS
- Project Management: Waterfall, Agile, SDLC, creating project plans, tracking documents, and technical documentation
- Business Intelligence Tools: Power BI, Power Automate, Power Apps, SharePoint, Smartsheet
- Business Analysis: Requirements gathering, process documentation, system testing, mathematical concepts application, Analytical thinking
- Time Management: Ability to prioritize and meet deadline
- Communication: Strong communication and collaboration skills, both written and oral, stakeholder engagement

PROJECTS

Spend Analysis For Airbase Supply Chain

- Conducted comprehensive data integration by merging diverse supplier and contractor data.
- Analyzed financial data using Python and SQL to identify key performance indicators and generate KPIs for new services.
- Utilized Power BI to create final reports and visualizations, providing insights for strategic decision-making. Supported ongoing data collection and reporting initiatives, ensuring the accuracy and completeness of data.
- Partnered with stakeholders to determine strategic channels roadmap and provided business impact analysis.

Predicting Academic Success and Dropout Rate

- Utilized Python, SQL, and SAS Enterprise Miner for preprocessing, feature engineering, and implementing machine learning algorithms.
- Conducted comprehensive data analysis to identify KPIs and risks, ensuring data integrity and reliability.
- Actively participated in Sprint planning meetings to ensure alignment with customer needs. Managed change requests related to working project plans to meet deadlines.
- Documented analysis using UML diagrams and developed test scripts for feature testing.
- Applied models for sequence prediction to forecast academic success and potential dropout rates.

Diabetes Prediction With PySpark MLlib

- Developed a logistic regression model using PySpark MLlib to classify patients as diabetic or non-diabetic, working with the Pima Indian Diabetes dataset.
- Set up the PySpark environment on Google Colab, ensuring all dependencies were installed and configured correctly.
- Cleaned and prepared the dataset by handling missing values and selecting relevant features to enhance data quality for model training.
- Conducted correlation analysis to identify key features, trained the logistic regression classifier, and evaluated its performance using accuracy and other metrics.
- Applied the trained model to predict diabetes on a new set of unlabeled data, demonstrating practical application in medical data analysis.

WORK EXPERIENCE

Student Assistant | University of North Texas – Retail Dining **Aug 2023 - May 2024**

- Monitored, tracked, and updated equipment data using Tableau and Excel, ensuring data accuracy.
- Developed and implemented Standard Operating Procedures (SOPs) for inventory processes, resolving data discrepancies and enhancing efficiency.
- Created interactive dashboards in Tableau to visualize sales data, facilitating data-driven decision-making.
- Conducted in-depth analysis of sales data using Excel and Python, identifying trends and process improvement opportunities.
- Prepared comprehensive documentation, supporting process optimization and knowledge sharing.

Associate Data Analyst | Jhatayu **Oct 2017 - May 2021**

- Utilized MATLAB and SQL to analyze test data and perform statistical modeling, identifying areas for improvement and optimizing product performance.
- Created detailed reports and dashboards using Power BI and Excel, transforming complex data into actionable insights.
- Collaborated with cross-functional teams to integrate data insights into development processes, ensuring adherence to industry standards and safety protocols.
- Conducted market research to understand customer preferences and identify potential product enhancements, supporting strategic design and development initiatives.
- Applied deep learning techniques to develop predictive models and enhance product features.

Internship | Aeronautical Development Establishment **Nov 2019 - Dec 2019**

- Contributed to multidisciplinary engineering and research projects ensuring data integrity and accuracy, gaining hands-on experience and exposure to industrial processes.
- Analyzed flight test data using MySQL, identifying performance trends and anomalies to inform maintenance scheduling and decision-making.
- Developed interactive dashboards with Power BI to visualize complex data, aiding in decision-making.
- Assisted in developing technical documentation and user manuals for flight data systems.
- Conducted fatigue analysis and supported quality assurance efforts in defining test cases and validating solutions.

EDUCATION

Master of Science in Business Analytics **GPA: 3.66/4**
University of North Texas (United States of America) Denton, Texas

Bachelor of Technology in Aerospace Engineering **GPA: 8.47/10**
Hindustan Institute of Technology and Sciences (India) Chennai, Tamil Nadu

CERTIFICATIONS

- Microsoft Power BI Data Analyst

PUBLICATIONS

Chandra, C. N., Lanjewar, D., Vaishnavi, M., & Nandagopalan, P. (2022). Combustion Characteristics of Multicomponent Fuel Droplets. *International Journal of Vehicle Structures & Systems (IJVSS)*, *14*(1).