DIVYA BIRADAR

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WORK HISTORY

Global Softech - ***Data Analyst***
08/2022 - 02/2023

- Skilled in SQL for comprehensive ETL processes and data validation, coupled with Tableau proficiency for creating insightful dashboards and visualizations.
- Experienced in designing and maintaining data models to support business intelligence needs.
- Additionally, adept at employing statistical techniques for data analysis, contributing to informed decision-making and strategic planning.
- Played a key role in financial planning initiatives by leveraging analytical insights to drive forecasts and optimize business performance.
- **Skills/Domain**: SQL, Tableau, HTML, JavaScript, MS Excel, Confluence,Outlook

PROJECTS

Analysis of World Bank Data:- Python, AWS S3, AWS Glue, Apache Spark, Tableau
• Performed Data extraction, and transformation and used AWS Glue to create an ETL job that loads the data from the CSV file into an Amazon S3 bucket and created a Tableau dashboard for visualization.

Event Detection in Twitter Streams:- Python, AWS Kinesis, AWS Lambda
• Developed a real-time system leveraging Google Cloud Platform services, including BigQuery and

SKILLS

- **Technical Skills**: Java, Python, C, C++, SQL, HTML, HTTP, JavaScript
- **Operating system**: Windows, Linux, IOS, Android
- **Databases**: MySQL, MS SQL server, Oracle, NOSQL.
- **IDE**: Eclipse, PyCharm, Jupyter notebook, Git
- **Cloud**: AWS, Azure, Databricks
- **Framework / Methodology**: React, Angular, Flask, Agile, Scrum, Jira, Spark, Hadoop, Hive, Confluence.
- **CI/CD pipeline**: Git, Maven
- **Data visualization:** Tableau, Microsoft PowerBI
- **Microsoft Tools:** excel, PowerPoint, word
- **Additional Skills:** Data Warehouse, Alteryx

CERTIFICATIONS

AWS - Getting Started with Data Analytics on AWS
IBM - Python for Data Science, AI & Development
Snowflake - Hands-on Essentials - Data Warehouse

Dataflow, to continuously monitor and analyze Twitter data. Employed advanced event detection algorithms to identify specific events or trends from tweet content in real time.
• Implemented automated actions triggered by significant events, facilitating applications such as emergency response, real-time tracking of breaking news, and monitoring social media trends.

Classification of the category using machine learning on BBC news dataset: -NLTK, Python, scikit-learn, TensorFlow

• Involved in cleaning and transforming the raw data into a format suitable for machine learning algorithms. It may include removing stop words, tokenization, stemming, and vectorization.
• Load the BBC news dataset, which consists of articles from different categories like business, entertainment, politics, sport, and tech.
• Preprocess the text data by removing stop words, tokenizing the text, and converting it into numerical representations using techniques like TF-IDF or word embeddings.

Diabetes disease prediction using machine learning: - Python, Scikit-learn

• Machine learning algorithms are applied to the dataset and the classification has been done using five algorithms of which k-nearest neighbors give the highest accuracy of 76%. and remaining classifiers give an accuracy of 70%.
• We have seen a comparison of machine learning algorithm accuracies with two different datasets. The model improves the accuracy and precision of diabetes prediction with this dataset compared to the existing dataset. Further, this work can be extended to find how likely non-diabetic people can have diabetes in the next few years.

Microsoft - Introduction to Microsoft Azure Cloud Services
Microsoft - Harnessing the Power of Data with Power BI
Forage - Accenture Data Analytics and Visualization Job Simulation certificate on the Forage platform.
Forage - BCG Data Science Job Simulation on Forage

EDUCATION

University of Texas at Arlington
Arlington, TX| Aug 2023 - Present

Master of Science
Computer Science

Bharat Institute of Engineering and Technology
India | JUNE 2018 – AUG 2022

Bachelor of Technology
Computer Engineering
GPA: 7.3/10