Bhavani Reddy

928-814-7206| bhavanird76@gmail.com | https://www.linkedin.com/in/bhavanid2122 |

SUMMARY

- 2 years of experience in data analysis using SQL, Python, Excel, Tableau, Power BI, and Google Data Studio to uncover insights and support decision-making. Skilled in data cleaning, statistical analysis, ETL processes, and database management (MySQL, PostgreSQL) with expertise in CI/CD processes (Jenkins, Docker, Kubernetes) and cloud platforms (AWS, Google Cloud, Azure). Passionate about leveraging big data technologies (Hadoop, Spark) to enhance analytics and optimize business intelligence solutions.

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS.
Data Manipulation: Pandas, NumPy, Excel.
Data Visualization: Tableau, Power BI, Matplotlib, Seaborn.
BigData Tools: Hadoop, Spark.
Cloud Technologies: Docker, DNS, Kubernetes, AWS (EC2, S3, LAMBDA, RDS), CRUD Operations.
Analytical and Statistical skills: Exploratory Data Analysis (EDA), Statistical Analysis, Hypothesis Testing ,Predictive Modeling, Data Interpretation.
ETL Tools: Talend, Apache NiFi.

EXPERIENCE

Analyst(A4), Capgemini, Hyderabad, India   Jan 2022 – Dec 2022
Skills: HTML, CSS, SQL, PostrgreSQL, Data warehouse, Tableau, PowerBI, AWS, Excel and Spreadsheets.

- Gathered raw data from multiple sources such as databases, APIs, spreadsheets, web scraping, and third-party vendors.
- Conducted exploratory data analysis (EDA) to uncover trends, patterns, and key insights. Write optimized SQL queries and manage databases for efficient data retrieval.
- Created dashboards and reports using Power BI, Tableau, and Excel for business insights. Convert raw data into actionable recommendations for business growth and efficiency.
- Worked with stakeholders, engineers, and managers to align data insights with business goals. Automate data workflows and reporting processes using Python, SQL, and ETL tools.
- Ensured that data privacy, security, and adherence to industry regulations like GDPR and HIPAA. Stay updated with the latest data analytics trends, tools, and best practices.

Data Analyst, Edugene Technologies, Hyderabad, India   Jan 2021 – dec 2021
Skills: Python, Database Management, R, Data Wrangling and Cleaning, Tableau, Statistical Analysis.

- Collect, clean, and preprocess healthcare data from electronic health records (EHRs), medical claims, patient surveys, and hospital databases.
- Conducted statistical analysis and predictive modeling to identify trends in patient care, disease outbreaks, and treatment effectiveness.
- Expertise in using SQL, Python, R, and Excel to query databases, extract insights, and generate reports.Develop interactive dashboards and visualizations using Power BI, Tableau, or QlikView for stakeholders like hospital administrators and policymakers.
- Collaborated with IT teams to maintain and optimize healthcare data systems and databases.
- Stay updated on healthcare analytics trends, AI in medicine, and new data tools to enhance data processing capabilities.

PROJECTS

Pizza Sales Analysis: Identified top-selling pizza categories and their contribution to revenue, enabling targeted promotions and optimizing staffing and inventory. Analyzed average order values to uncover upselling opportunities and enhance sales through combo offers. Delivered interactive reports that improved management's ability to track performance trends and customer preferences.

College Management System: Contributed to the design and development of a college management system, including student enrollment, course management, and faculty administration features. Developed and maintained an efficient database schema for handling student records, course data, and administrative information. Created user-friendly interfaces for students, faculty, and administrators to interact with the system. Ensured the system was accessible and easy to use for all stakeholders.

Crude Oil Price Prediction: Developed a machine learning model to predict market values by training on historical data for future predictions. Conducted comprehensive testing, including unit, integration, functional, system, white box, and black box testing, to ensure functionality. The model evolves over time, adapting to changing patterns, such as oil price fluctuations.

Education

Masters in Computer Science   Jan 2023 – May 2024
Northern Arizona university, Flagstaff, AZ   *CGPA : 3.5/4*

Bachelors in Computer Science and Engineering   Jul 2018 - Apr 2022
MallaReddy Engineering College, Hyderabad, India   *CGPA : 3.48/4*