Shruthi Chinthakayala Data Analyst

✉ shruthi@careerwebmail.com   📞 214-770-9914   📍 Dallas, Texas   in LinkedIn

Profile

As a data analyst with over 3+ years of experience, I possess a proven track record of transforming complex data into actionable insights that drive strategic decision-making and improve operational efficiency. Skilled in leveraging advanced analytics tools and methodologies, I have effectively implemented machine learning models and data visualization techniques across various projects, leading to significant improvements in performance metrics and business outcomes.

Skills

Programming Languages: Python(Pandas, NumPy, SciPy, Matpotlib, Seaborn), R, SQL, Java, Scala

Database & Big Data Technology: MySQL, PostgreSQL, MongoDB, Microsoft SQL Server, Hadoop, Spark, Hive, Pig

Tools & Technology: Power BI, Tableau, WS Redshift, Google BigQuery, Snowflake, Scikit-learn, TensorFlow, Keras,PyTorch

Others: Data wrangling, Feature engineering, Handling missing data, Hypothesis testing, regression models, ANOVA,Statistical Analysis, Critical Thinking,Quantitative Analysis

Professional Experience

Data Analyst, *Wayfair*   08/2023 – present │ Remote, USA

- Conducted extensive data collection, extracting user behavior data from Wayfair's databases, including browsing history, purchase patterns, and product ratings.
- Performed advanced data cleaning and preprocessing to ensure data quality and readiness for analysis, using Python, Pandas, and SQL.
- Implemented and managed comprehensive A/B testing to evaluate the impact of personalized recommendations on user engagement and sales, utilizing Google Analytics and Optimizely.
- Collaborated with front-end developers to ensure seamless user experience in displaying personalized product recommendations.

Associate Analyst, *Infosys Ltd.*   06/2020 – 06/2022 │ Hyderabad, India

- Led the analysis of extensive project datasets, utilizing SQL and Python for data manipulation and Excel for advanced data visualization, contributing to a 20% increase in project delivery efficiency across 5 key projects.
- Served as the liaison between clients and the technical team, successfully translating over 30 complex client requirements into technical specifications, which led to a 15% improvement in customer satisfaction scores.
- Collaborated with cross-functional teams on 10+ intricate projects, applying analytical expertise and tools like Tableau and Power BI for data visualization, which facilitated innovative solutions.
- Implemented predictive modeling using R and Python, identifying potential project bottlenecks, which resulted in a 25% reduction in project risk factors and ensured the timely completion of 98% of assigned projects.
- Drove process optimizations by initiating and integrating advanced data analysis methodologies, leading to a 30% improvement in workflow efficiency and a 40% reduction in manual data processing tasks.

Analyst Trainee, *BHEL (R&D)*   06/2019 – 12/2019 │ Hyderabad, India

- Played a pivotal role in the SDLC of the web application, from requirement gathering to implementation, leveraging technologies such as JavaScript, HTML5, CSS3 for the front-end, and Python Flask for the backend.
- Conducted in-depth data analysis of simulated training sessions to identify, classify, and report operator errors, significantly contributing to the improvement of operator proficiency and error reduction by over 30%.
- Assisted in the creation of a comprehensive database schema using MySQL to manage and analyze large volumes of operational data, ensuring high performance and scalability of the application.

Education

Master of Science, *Northwest Missouri State University*   08/2022 – 12/2023 │ Missouri, USA
Applied Computer Science

St Martins Engineering College, *Bachelor of Technology*   06/2016 – 10/2020 │ Hyderabad, India
Information Technology