Bhavya Likhitha Bukka

Boston, MA | (857) 356-9145| bukka.b@northeastern.edu |
https://www.linkedin.com/in/bhavya-likhitha/ | Github |
Portfolio

EDUCATION

Northeastern University, Boston, MA   Expected Dec 2026
Master of Science in Information Systems
Lovely Professional University, India
Bachelors in Computer Science and Engineering
                                                                                                                        June 2024

TECHNICAL SKILLS

Programming Languages: Python, R, SQL

Data Visualization Tools: Tableau, Power BI

Cloud Platforms: AWS, Google Cloud

Techniques: Scripting for automation, Data Pipelines, Statistical Data Analysis, Machine Learning (ML), AI

Specialized Skills: Building Interactive Dashboards, Business Intelligence Tools, Data Query Optimization

WORK EXPERIENCE

Salesforce Administrator Intern   Nov 2023 – Jan 2024
Smart Internz, India

- Configured organizational settings in Sales and Service Cloud, automating **10+ workflows** using Flow and Process Builder, improving operational efficiency by **20%** and enabling **data-driven decision-making**
- Designed and delivered **25+ interactive dashboards and reports** to visualize key metrics, boosting data accessibility and team productivity by **30%** through actionable insights

Software Engineer Intern   May 2023 – Aug 2023
I Ray IT Solutions, India

- Led **30+ scrum meetings** following Agile methodologies, defining sprint timelines, resolving roadblocks, and ensuring seamless collaboration across **3+ cross-functional teams**, reducing project delivery time by **15%**
- Designed and deployed an **AWS-powered data analytics pipeline**, integrating automation with **Python** and **SQL**, improving data processing speed by **20%** and ensuring data integrity for backend processes
- Conducted **unit testing** with strong attention to detail, identifying and resolving **30+ software bugs** to ensure 100% functionality
- Designed **20+ interactive dashboards** using **Power BI** to analyze **500,000+ records**, improving client reporting efficiency by **30%**

Data Scientist Intern   Aug 2021 – Dec 2021
DevTown, India

- Implemented chatbot models using **Python**, **TensorFlow**, and **PyTorch**, incorporating **LSTM** and **RNN architectures**, improving chatbot accuracy by **13%** and reducing response latency by **15%** through advanced **NLP techniques**
- Collaborated with **5+ cross-functional teams** to collect and analyze **1M+ data points** using **R**, **SQL**, and **NumPy**, generating **5 actionable business insights** that supported targeted marketing strategies and operational improvements
- Leveraged **Power BI** to design **15+ dashboards** analyzing 30+ datasets, uncovering critical patterns and trends that enhanced decision-making efficiency by 20% and supported strategic business initiatives

ACADEMIC PROJECTS

Amazon Sales Intelligence: Data-Driven Business Optimization | Live | Github   Nov 2024 – Jan 2025

- Conducted exploratory data analysis on **50,000+ rows** across 10 interconnected tables, solving 50+ complex business problems using advanced SQL concepts enhancing data reliability and business insights by 25%.
- Developed a 6-page dynamic Power BI dashboard integrating advanced SQL queries, driving a 45% reduction in reporting time for key metrics like revenue forecasting, sales trends, and logistics insights, empowering data-driven decision-making
- Automated pricing strategies for 1,000+ products, resulting in a 12% improvement in profit margins for high-demand items and enhanced inventory turnover rates

Uber Rides Analytics: Enhancing Ride-Booking Efficiency | **Live** | **Github**   Nov 2024 – Dec 2024

- Processed and analyzed 50,000+ rows of ride data using Python for data manipulation, SQL for identifying key insights like peak demand areas and revenue trends to solve 20+ business problems
- Built a 5-page interactive Power BI dashboard that visualized ride trends, cancellations, and revenue, improving data accessibility and decision-making efficiency by 30%
- Implemented automated solutions for delayed ride compensation and proactive driver notifications for long-distance trips, leading to a 25% improvement in customer satisfaction and a 15% reduction in ride cancellations, enhancing overall operational efficiency

5-Year Costco Global Sales Analysis | Live | Github   Oct 2024 – Nov 2024

- Preprocessed and integrated 5 years of Costco global sales data, cleaning 250,000+ records with Power Query, and optimized data models
- Crafted a dynamic 6-page Power BI dashboard with advanced DAX formulas, enabling year-over-year comparisons, regional insights, and customer segmentation, reducing analysis time by 40%
- Delivered 15+ data-driven recommendations by identifying top-performing regions, high-revenue products, and 10+ underperforming segments, driving a projected 20% improvement in resource allocation strategies and boosting overall sales efficiency by 25%

Stock Price Prediction Using LSTM | Github   Sept 2023 – Oct 2023

- Engineered an LSTM-based predictive model to forecast stock prices with 85% accuracy, processing 100,000+ rows
- Pre-processed 120,000+ data points using Python , improving model input quality, resulting in a 15% improvement
- Reduced prediction error by 10% through 50+ iterations of hyperparameter tuning and optimization