Bhavya Likhitha Bukka

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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: Advanced Excel, Power BI, Tableau, Microsoft Office, SharePoint
Data Management Tools & Techniques: Data Cleaning, Data Transformation, Statistical Data Analysis
Data Science Toolkits: Pandas, NumPy, Sci-Kit Learn, Matplotlib, Tensorflow, Keras, Apache Hadoop
Techniques: Data pipeline, Statistical Data Analysis, NLP, Predictive Modelling, Machine Learning
Specialized Skills: Building Interactive Dashboards, Business Intelligence Tools, AWS Cloud

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 using Jira as the project management tool, defining sprint timelines, resolving roadblocks, and ensuring 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** and preparing PowerPoint presentations, improving client reporting efficiency by **30%** and support business decision-making by presenting key insights to clients and stakeholders

Data Scientist Intern   Aug 2021 – Dec 2021
DevTown, India

- Designed **10+ Tableau dashboards** to visualize key metrics and trends from **100,000+ data points**, improving decision- making efficiency by 25% across multiple business units
- Conducted analysis on **500,000+ rows** of data using SQL and Python, uncovering 10+ actionable insights that contributed to strategic engineering decisions and operational improvements
- Partnered with **5+ teams** to identify and address data requirements, generating 7 new insights that aligned with FY goals and improved process efficiency by 20%
- Applied machine learning algorithms, including **customer segmentation**, to optimize operational strategies, resulting in a **15% improvement** in targeted engagement efforts

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 dashboard using Power BI** integrating advanced SQL queries, driving a **45% reduction** in reporting time for key metrics like revenue forecasting, sales trends, and logistics insights
- 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 100,000+ rows of ride data **using Excel and 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** dashboard using **Power BI** 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+ procurement and sales records** using Power Query, and optimizing data models for spend and revenue analysis
- 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 procurement inefficiencies, improving spend allocation strategies by 20% and boosting overall sales efficiency by 25%