

SHIVANI BATTU

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OBJECTIVE

A motivated Analytics professional with 2.5 years of experience in SQL, R, and data visualization tools such as IBM Cognos and Power BI; specializing in data analytics, data transformation, business acumen, and statistical modeling. Proven ability to derive actionable insights from complex datasets and implement solutions that drive business performance. Seeking to leverage my analytical and technical expertise to contribute to data-driven decision-making, research, process optimization, and business growth, while continuing to evolve within innovative and challenging environments.

TECHNICAL SKILLS

Technical Programming	SQL, Python, R, Jupyterlab
Machine Learning and AI	CNN, RNN, LSTM, Time series data analysis, TensorFlow, Keras, Seaborn
Data Analytics and Visualization	Tableau, MS Power BI, Cognos, MATLAB, Microsoft Office
Database	Oracle SQL Developer, MS SQL Server, MySQL, Neo4J, Advanced Database Design
Soft Skills	Leadership, Advanced Business Communication, Problem Solving, Critical Thinking.

EXPERIENCE

DELOITTE CONSULTING INDIA PVT.LTD

Hyderabad, India

DC Data Analyst

May 2023 - Jul 2023

- Built and fine-tuned Business Intelligence reports resulting in a **30% increase in reporting accuracy** using **SQL**, Power BI, and Cognos Reporting tool.
- Enabled effective business decisions involving **800k customer data** by crafting **Business Impact and Risk Analyses Reports** consisting of 150 Software Upgrade test cases of the product released.

DELOITTE CONSULTING INDIA PVT.LTD

Hyderabad, India

DC Associate Data Analyst

Jan 2021 - Apr 2023

- Accomplished the resolution of Workforce Management (WFM) techno-functional production issues with a **95%** reduction in issue turnaround time by analyzing and developing back-end database solutions through **query optimization**.
- Achieved a **20%** increase in the client feedback scores by **gathering business requirements** from cross-functional client SMEs and translating them into **technical and functional design documents**.
- Increased the adoption rate of Deloitte's Inhouse Repository and Reporting Tool- 'Operate Edge' from 20% to 90% by incorporating and **setting up the online Learning Center** platform followed by a completion drive for a project group of **60+ members** through **extensive workshops and communication**.
- Enhanced project efficiency by **40%** through **development of training materials, protocols** and implementation of Key-Performance indicator dashboards using Power BI thereby ensuring reduction in resource onboarding/offboarding time.

EDUCATION

Master of Science - Data Science

Aug 2023 - Dec 2024

Kent State University, Ohio (*GPA: 3.81/4.00*)

Bachelor of Science (Mathematics, Statistics, Computer Science),

Jun 2017 - Jun 2020

St. Francis College - Osmania University (*GPA: 3.88 / 4.00*)

ACADEMIC PROJECTS

Paper Published : Decoding Cellular Complexity: A Deep Learning Expedition in Blood Cell Image Classification: Trained Deep Learning models on blood cell images to successfully classify the Blood cells with **98.51%** accuracy. Research paper focused on exploratory data analysis, data pre-processing, model building, model evaluation, and process improvement gaining recognition and acceptance for presentation at the ***Future of Information and Communication Conference(FICC) 2025 - Berlin, Germany.***

Stock Market Data Analysis and Prediction: Built analytical dashboards for business insights of the research and developed a Machine Learning model that uses Clustering Algorithms for Volatility Analysis which predicts the closing prices of Stocks using modeling techniques such as Linear Regression, LSTM, and Random Forest.

Analysis and Visualization of US Weather Patterns-Big Data Visualization with Python: Utilized visualization libraries such as matplotlib, plotly to discover underlying patterns in the historical weather data and implemented Clustering techniques to amplify Weather analytics. Developed interactive Power BI dashboards for decision making.