

Sai Shiva Bhaskar Emani

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EDUCATION

Wayne State University

Master of Science, Major in Data Science and Business Analytics (GPA: 3.93)

Related Coursework: Operations Research, Statistical Analysis, Cloud Computing, Intelligent Analytics, Business Analytics

Detroit, MI, USA

08/2022 – 12/2023

Jawaharlal Nehru Technological University

Bachelor of Engineering, Major in Electronics and Communication

Hyderabad, Telangana, India

07/2014 – 04/2018

SKILLS

- **Business Intelligence tools:** Tableau, Power BI, Periscope
- **Programming Languages:** Python, R, HTML, CSS
- **Machine Learning:** Regression, Classification, Clustering, Neural Networks
- **Statistical Analysis:** Hypothesis Testing, A/B Testing
- **Tools and Libraries:** TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, CPLEX optimizer
- **Database Management:** SQL (Redshift SQL, Microsoft SQL Server, MySQL, Snowflake), MongoDB
- **Big Data Technologies:** Hadoop, Spark
- **ETL Tools:** SSIS, Microsoft Azure Data Factory, Fivetran
- **Certifications:** Certified SQL Expert, PG Diploma in Data Science and Machine Learning

PROFESSIONAL EXPERIENCE

CUEMATH

Senior Data Analyst

Bangalore, India

02/2018 – 08/2022

- Optimized data migration using SQL, Python, and Excel resulting in a 30% reduction in data transfer time.
- Utilized Tableau's storytelling feature to create compelling narratives around data providing insights to management.
- Saved \$2M in Q4'21 by developing the accrued revenue model in SQL utilizing joins, subqueries, aggregations and views.
- Utilized logistic regression and random forest to classify at-risk students with a precision of 90%.
- Led a team of 5 professionals, instilling a results-driven mindset through goal setting and performance metrics.
- Spearheaded initiatives that resulted in a 15% improvement in project delivery timelines and overall team performance.

Data Analyst

- Achieved a 35% increase in lead conversion rate in Q2'21 using advanced data segmentation.
- Conducted user behavior analysis, leading to a 26% increase in user engagement.
- Performed A/B testing and regression analysis to optimize marketing campaigns, resulting in a 15% improvement in conversion rates.
- Utilized Python to preprocess and clean data before loading it into SQL databases for analysis.
- Conducted cost-benefit analyses to inform budgetary decisions, maximizing ROI by 20%.
- Automated revenue recognition processes, reducing manual errors by 75%, ensuring data accuracy.

Data Analyst Intern

- Implemented root cause analysis to identify key factors contributing to business issues.
- Conducted ad-hoc analysis in Tableau and SQL to explore data trends and patterns.
- Assisted the data engineering teams to streamline data pipelines and improve data accuracy.
- Conducted sentiment analysis on textual data to extract insights from customer feedback.
- Participated in data governance initiatives to maintain data integrity and security.
- Proficient in Excel for data manipulation, analysis, and reporting.

WAYNE STATE UNIVERSITY

Graduate Research Assistant

Detroit, MI

11/2022 – 12/2023

- Conducted in-depth research under Prof. Dr. Seongho Kim to gain insights into metabolomics and lipid-omics data.
- Implemented standardized data pre-processing techniques and statistical analysis techniques as T-test and F-test
- Applied dimensionality reduction technique as PCA and PLS-DA to determine the principal component variance.
- Enhanced data analysis capabilities further by facilitating comprehensive pathway analysis, contributing to a 15% increase in the efficiency of research insights and findings.

AWARDS

- Recognized for outstanding performance and significant contributions, receiving the prestigious Best Performer Award in March 2021.