NIKHIL GOKHALE

Buffalo, NY 14214 | +1-716-465-8994 | nikhilgokhale2232001@gmail.com | LinkedIn | Github

SUMMARY

- **Data Science & Machine Learning Enthusiast –** Expertise in predictive modeling, data analysis, and deep learning.
- **Cloud & Computing Skills** – Proficient in handling large-scale data and distributed computing.
- **Dashboard & Visualization –** Skilled in Tableau, Power BI, and data storytelling.
- **Project Expertise** – Experienced in recommendation systems, age prediction models, video game sales analysis, and data-driven insights.

EDUCATION

- **University at Buffalo, SUNY** | Buffalo, NY
  Master of Science in Data Science | January 2024 - May 2025
  Relevant Coursework: Python Programming, Databases, Statistics, Data Structures & Algorithms, Machine Learning, Data Intensive Computing

- **Mumbai University |** Mumbai, India
  Bachelor of Technology in Electronics & Telecommunications | August 2019 - June 2023

TECHNICAL SKILLS

- **Programming Languages:**   C, Python, SQL, R
- **Data Science & ML Tools:**   Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch, Spark, Hadoop
- **Visualization & Analytics:**   Tableau, Power BI, Matplotlib, Seaborn
- **Big Data & Cloud:**   Spark, Hadoop, Docker

CORE COMPETENCIES

Data Analysis & Interpretation | Statistical Modeling | Trend Identification | Predictive Insights | Pattern Recognition | Troubleshooting | Risk Assessment | Root Cause Analysis | Project Management | Workflow Automation | Process Optimization | Task Prioritization | Data Storytelling

PROFESSIONAL EXPERIENCE

Junior Data Scientist
Maxgen Technologies Pvt Ltd., Mumbai, India | July 2023 – January 2024
- Engineered 10+ interactive dashboards using Tableau and Power BI, improving data visualization efficiency by 35%.
- Automated data extraction and transformation, reducing report generation time by 40%.
- Led SQL optimizations that improved query performance by 50% for data-driven decision-making..

PROJECTS

ML for Personalized Music & Entertainment Recommendation Systems | *Python, TensorFlow, Scikit-learn, Pandas, Flask*
- Engineered a recommendation model using collaborative filtering & deep learning, improving user engagement by 25%.
- Deployed Flask API & cloud-based solution, reducing processing latency by 40%

Predicting Chronological Age from Health & Lifestyle Factors Using ML| *PySpark, Scikit-learn, ElasticNet, Random Forest, XGBoost*
- Built a biological age predictor using ElasticNet & Random Forest, improving predictive accuracy by 18%.
- Identified key health indicators (e.g., BMI, stress levels) impacting aging and developed a regression model.
- Utilized Spark MLlib for distributed computing, reducing processing time by 40%.

Video Game Sales Analysis & Prediction Model | *Python, Streamlit, Seaborn, Matplotlib, Pandas, NumPy*
- Built an interactive video game sales analysis tool using Streamlit for real-time data visualization.
- Conducted correlation analysis on regional and global sales, uncovering insights on sales trends by platform & genre.
- Developed violin plots & heatmaps to visualize distribution & correlation patterns in sales data..

Analyzing Socioeconomic & Behavioral Factors Influencing Obesity Trends | *SQL, PostgreSQL, Python, Tableau*
- Implemented a relational database integrating obesity prevalence, socioeconomic data, and physical activity trends in NYC, LA, and Buffalo.
- Designed an Entity-Relationship (ER) model in BCNF to improve data integrity and enable complex multi-table queries.
- Conducted spatial and statistical analysis to identify correlations between obesity rates, income levels, and accessibility to fitness and food facilities.

RESEARCH & EXTRACURRICULARS

- Published research paper on **"Self-driving cars to drive autonomously using Deep Learning"** in IJARESM (May 2023).
- Management Head of Journal Committee (May 2022 – May 2023).
- Google Analytics Certified (2021).