Yashas Bhaskar Manjunatha

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• **Website:** https://yashasmanjunath7.github.io/portfolio-site/index.html

Education

Master of Science in Data Science
University of Greenwich, London, United Kingdom
September 2023 – January 2025
Graduated with Merit

Bachelor of Science in Electronics and Communication
Global Academy of Technology, Bangalore, India
August 2018 – August 2022
Graduated with Distinction

Professional Summary

Results-driven Data Scientist with expertise in machine learning, data analysis, and statistical modeling. Skilled in designing predictive models, developing end-to-end data pipelines, and translating complex datasets into actionable business insights. Proficient in Python, SQL, TensorFlow, and Power BI, with hands-on experience applying machine learning techniques to solve real-world problems.
Passionate about leveraging data to optimize operations and improve decision-making in dynamic environments.

Relevant Experience

Data Analyst Trainee
Geminimet Technologies – *Remote, Bengaluru, India*
Jul 2025 – Present
- Streamlined complex data preparation workflows using advanced Excel, improving data accuracy and analysis speed.
- Delivered high-impact dashboards in Power BI and Tableau that enhanced KPI monitoring and informed strategic decisions.
- Reduced reporting turnaround time by 40% through automation of data analysis using Python (pandas, NumPy, Matplotlib).
- Enhanced query performance and reporting reliability by optimizing SQL across large datasets.
- Supported data-driven decision-making by applying statistical techniques, leading to actionable business insights.
- Ensured analytical reproducibility and collaboration by adopting Git/GitHub version control practices.

AI Intern
YCX Technologies – *Remote, London, United Kingdom*
Jan 2025 – Jun 2025
- Designed and implemented a scalable research database profiling 200+ global game companies, driving internal benchmarking and market analysis.
- Enabled cross-company tech comparisons by classifying firms across 24 AI, cloud, and game innovation metrics.
- Increased research efficiency by 60% through structured data collection processes and validated schema design in Google Sheets.
- Contributed to strategic planning by cataloging proprietary AI technologies and game monetization models.
- Delivered a high-quality research asset used across departments for partnership evaluation and competitive intelligence.

Machine Learning Intern
Vivarattna Technologies – *Bengaluru, India*
Jul 2022 – Sep 2022
- Developed machine learning models that improved prediction accuracy on project datasets by 20%+ using scikit-learn and Python.
- Accelerated data preparation with effective EDA and feature engineering, enhancing model readiness and training efficiency.
- Improved simulation fidelity in robotics projects by integrating ML algorithms with sensor data and control logic.
- Presented analytical findings to cross-functional teams, fostering collaboration and informed development cycles.

Key Projects

Stock Price Prediction using LSTM Neural Network
- Predicted stock prices with an 87% accuracy rate using an LSTM-based model, enabling data-driven investment decisions.
- Enhanced financial data integration and preprocessing pipelines, resulting in significantly improved predictive reliability.

COVID-19 Case Forecasting using Time-Series Models
- Forecasted COVID-19 case trends with 92% accuracy, directly supporting healthcare resource allocation and policy planning.
- Delivered trend and seasonality insights that improved pandemic preparedness and informed strategic actions.

Advanced Stock Price Prediction with Hybrid Models
- Achieved precise stock forecasts using a hybrid model combining LSTM, CNN, and GRU architectures, effectively addressing market volatility.
- Demonstrated the model's impact through reduced forecasting errors and actionable insights for financial stakeholders.

Skills

Programming & Query Languages
- **Python** (pandas, NumPy, Scikit-learn, Matplotlib, Seaborn)
- **R** (dplyr, ggplot2, caret)
- **SQL** (Joins, CTEs, Window Functions, Subqueries – MySQL, PostgreSQL, BigQuery)

Machine Learning & AI
- Regression, Classification, Clustering
- Time Series Forecasting
- Deep Learning: CNNs, LSTMs (TensorFlow, Keras)
- Model Deployment (Flask, Streamlit basics)
- Hyperparameter Tuning, Cross-validation, Grid Search

Data Analytics & Visualization
- Exploratory Data Analysis (EDA), Statistical Inference
- Data Storytelling using **Tableau**, **Power BI**, and **Plotly**
- Business Intelligence Dashboards for KPIs and Operational Metrics
- Advanced Excel (VLOOKUP/XLOOKUP, pivot tables, dynamic charts)

Statistics & Experimentation
- Hypothesis Testing, A/B Testing
- Linear/Logistic Regression
- Statistical Significance, Confidence Intervals, Probability Theory

Data Engineering & Preprocessing
- Data Cleaning, Feature Engineering, Data Wrangling
- Handling Missing Data, Outlier Detection
- ETL Pipelines using Python & SQL

Tools & Platforms
- Jupyter Notebooks, VS Code, Git/GitHub
- TensorFlow, Scikit-learn, Keras
- Google Sheets, Excel, Power Query

Soft Skills
- Problem Solving, Critical Thinking, Analytical Reasoning
- Communication with Non-technical Stakeholders
- Agile Collaboration, Time Management, Version Control with Git