TIRTH SHAH

Data Scientist

Data Scientist skilled in machine learning, statistical analysis, and data visualization. Proficient in Python, SQL, and TensorFlow. Experienced in predictive modeling and recommendation systems, leveraging data-driven insights to optimize business decisions and drive impactful solutions.

WORK EXPERIENCE

Edureka, Remote —Data Science & Machine Learning *Bootcamp*
Jan 2024 – July 2024

- **Python and SQL:** Skilled in Python programming, NumPy for array manipulation, Pandas for data processing, and data visualization using Matplotlib and Seaborn. Proficient in MySQL for database management and SQL queries.
- **Machine Learning:** Experienced in probability, statistics, supervised and unsupervised learning, model evaluation, and optimization techniques for predictive analytics.
- **Deep Learning:** Hands-on experience with neural networks using TensorFlow, NLP for text analysis, and self-paced learning in CNN and RNN for advanced deep learning applications.
  - **Tableau:** Proficient in data connection, creating advanced visualizations, and designing interactive dashboards for insightful data storytelling.

EDUCATION

Manipal University, Jaipur (Distance)
MBA in Analytics & Data Science
Sep 2023 - Aug 2025

CGPA- 8.91

Kadi Sarva Vishwavidhyalaya, Gandhinagar
B.Tech. in Information Technology
Jul 2019 - May 2023

CGPA- 7.85 (First-Class with Distinction)

PROJECTS

- **Stock Market Analysis –** Utilized NumPy, Pandas, and Matplotlib for time series analysis, achieving 85% accuracy in stock trend predictions and market pattern identification.
- **Consumer Complaint Resolution ML Model** – Built an NLP-based ML model to classify and prioritize complaints, improving resolution efficiency with 92% classification accuracy.
- **Twitter Sentiment Analysis –** Implemented NLP techniques to analyze Twitter data, achieving 88% accuracy in sentiment classification and trend detection.
- **Core Infrastructure Company Data Visualization –** Developed interactive Tableau dashboards to visualize financial and operational data, improving decision-making efficiency by 70%.
- **Netflix-like Recommendation System –** Designed a recommendation system using collaborative filtering and content-based methods, achieving 90% accuracy in personalized content suggestions.

CONTACT

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SKILLS

Professional

- Communication
- Attention to Detail
- Problem Solving
- Leadership
- Time Management

Technical

- TensorFlow, Scikit-learn
- Machine learning Algorithms
- Python, SQL
- Pandas, Numpy, Matplotlib, Seaborn
- Statistical Modelling, NLP

PROFESSIONAL DEVELOPMENT

Introduction to Artificial Inteligence(AI)
IBM in collaboration with Coursera
Jan 2023

Python for Data Science, AI & Development
IBM in collaboration with Coursera
Jan 2025

LANGUAGES

- Gujarati, Native
- Hindi, Full Professional
- English, Professional