

NAEEM NAGORI

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PROFESSIONAL SUMMARY

Data Analyst and AI/ML enthusiast with experience since 2019 in transforming complex datasets into actionable insights. Proven ability in analytics, machine learning, predictive modeling, and ecommerce optimization using tools like Python, SQL, Power BI, and Tableau. Passionate about leveraging data-driven solutions and committed to continuous learning in the field of data science and artificial intelligence.

CORE COMPETENCIES

- **Data Analysis & Visualization:** Python (Pandas, NumPy, SciPy), Power BI, Tableau, Advanced Excel, Matplotlib, Seaborn, Plotly
- **Machine Learning:**
 - Deep Learning: ANNs, CNNs (PyTorch, TensorFlow, Keras), NLP (NLTK)
 - Classical ML: Supervised/Unsupervised Learning (Scikit-learn)
 - Time Series: LSTMs, SK-Time, Facebook Prophet
- **Database Management:** SQL, MySQL, PostgreSQL, Vector Storage (ChromeDB, FAISS)
- **Statistical Analytics:** Conversion Optimization, Customer Segmentation, Trend Analysis, A/B Testing, Bayesian Statistics, Descriptive & Inferential Statistics
- **AI & Frameworks:** LLM APIs (Google, OpenAI, Anthropic), Agentic Frameworks (AutoGen, Langchain, LangGraph, LlamaIndex)
- **Soft Skills:** Strategic Planning, Problem-Solving, Collaboration, Clear Communication
- **Languages:** Fluent in English, Hindi, Gujarati

PROFESSIONAL EXPERIENCE

Ecommerce Analyst | Canadian Outlet Store, Toronto, ON | April 2024 – July 2024

- Increased conversion rates by 15% by analyzing user behavior data and providing actionable recommendations for website optimization.
- Improved marketing campaign effectiveness through collaborative analysis with the marketing team, leading to more targeted strategies.

- Enhanced strategic decision-making efficiency by 20% through the development and maintenance of insightful Tableau dashboards tracking key performance indicators (KPIs).

Data Analyst | TOPS Technologies Pvt. Ltd., Ahmedabad, India | March 2023 – August 2023

- Uncovered key strategic insights by conducting exploratory data analysis (EDA) on large datasets using Python (Pandas, NumPy) and SQL.
- Developed and deployed predictive models achieving 85% accuracy in forecasting customer churn, enabling proactive retention strategies.
- Automated monthly reporting processes using Python and SQL, saving approximately 30 hours of manual effort each month.
- Improved operational efficiency by 10% by identifying bottlenecks and opportunities through data analysis and presenting actionable insights.
- Designed and implemented interactive dashboards using Power BI to visualize operational metrics and performance trends for stakeholders.
- Utilized advanced Excel functions for complex data manipulation, cleaning, and dashboard creation.
- Applied various machine learning models for predictive analysis tasks, including customer segmentation and sales forecasting.
- Performed statistical analysis and hypothesis testing to validate findings and support business decisions.

EDUCATION

Diploma, Business Administration - Marketing | Seneca Polytechnic, Toronto, ON | Expected April 2025

High School Diploma, Business/Commerce | M.S. Public Higher Secondary School, India | 2021–2022

CERTIFICATIONS

Data Science Course (2024): Comprehensive training covering data analysis, visualization, supervised/unsupervised ML models, deep neural networks, NLP, MLOps, Python, Pandas, NumPy, Scikit-learn, PyTorch, Keras.

PROJECTS

- **Alzheimer's Disease Prediction:** Developed a Convolutional Neural Network (CNN) model using PyTorch, Scikit-learn, and NumPy achieving 90% accuracy in classifying brain images; included a user-facing frontend for interaction.

- **Customer Churn Prediction:** Engineered a deep learning model using Python and Scikit-learn attaining 87% precision; evaluated multiple algorithms to ensure optimal performance in identifying at-risk customers.
- **Customer Segmentation:** Implemented unsupervised machine learning (K-means clustering) to group customers based on purchasing behavior, demographics, and engagement metrics, informing targeted marketing campaigns.
- **GTA House Price Prediction:** Built a regression model using Pandas and Scikit-learn to predict housing prices with an R^2 score of 0.82, analyzing factors influencing market values.
- **Email Spam Classifier:** Constructed an NLP-based machine learning model achieving 95% accuracy in classifying emails as spam or not spam; developed an interactive frontend for demonstration.
- **Advanced SQL Analysis:** Authored complex SQL queries for data manipulation and analysis tasks, including generating cohort analyses and calculating customer lifetime value from transactional databases.
- **Exploratory Data Analysis (EDA):** Performed comprehensive EDA on diverse datasets using Pandas, Polars, Matplotlib, Seaborn, and Plotly to extract strategic insights and create compelling data visualizations.
- **LLM & Agentic AI Exploration:** Experimented with Large Language Model APIs (Google, OpenAI, Anthropic) and Agentic Frameworks (Microsoft AutoGen, Langchain) to build prototype applications for tasks like automated reporting and data summarization.
- **Interactive Dashboards:** Designed and deployed professional, interactive dashboards using Power BI, Tableau, and Plotly to present data insights effectively to technical and non-technical audiences.