NAMAN PAL

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SUMMARY

Data-driven professional skilled in collecting, analyzing, and visualizing data to drive informed decision-making. Proficient in Python, SQL, and data visualization tools. Dedicated to uncovering insights that enhance business strategies.

EDUCATION

- **Bennett University, School of Computer Science**   Graduating 2026
  B.Tech in Computer Science and Engineering

- **Delhi Public School**   Graduated 2022
  Senior Secondary Science

SKILLS

- **Languages and Tools**: Python, SQL, C++, HTML, CSS, GitHub, Pandas, NumPy, Matplotlib, Seaborn, Tableau, Power BI, Scikit-learn, TensorFlow, PyTorch, Keras, Hadoop, Spark, MySQL, PostgreSQL, MongoDB

- **Technical Skills**: Data Analysis, Machine Learning, AI,Object-Oriented Programming, Data Structures and Algorithms, Web Development, Frontend Development, APIs, Big Data Processing, Database Querying, Version Control

- **Soft Skills**: Client-Centric Approach, Team Collaboration, Time Management, Problem-Solving, Communication

PROJECTS

- **Energy Demand ([github]())**   2024
  – Built a time series forecasting model using ARIMA to predict future energy demands.
  – Conducted exploratory data analysis to identify trends and seasonality.
  – Tuned ARIMA parameters using ADF, ACF, and PACF analysis.
  – Visualized forecasts with confidence intervals using Matplotlib and Seaborn.
  – Achieved accurate and interpretable predictions for real-world datasets.

- **Ecommerce Automation ([github]()**   2025
  – Developed a Selenium automation framework using Python and Page Object Model (POM).
  – Automated end-to-end flows including login, add-to-cart, checkout, and logout.
  – Created reusable page classes and organized scripts for scalability.
  – Integrated HTML test reports and GitHub Actions CI for continuous testing.

- **Reddit Persona Generator ([github]())**   2025
  – Built a Python tool to scrape Reddit user data and generate AI-based personas.
  – Utilized Reddit API and OpenAI LLM to analyze behavior and summarize user profiles.
  – Automated persona generation with citations and structured output formatting.

CERTIFICATIONS

Exploratory Data Analysis for Machine Learning
Supervised Machine Learning: Classification and Regression
Data Structures & Algorithms Toolbox, Agile Scrum Training
Software Development Processes
Introduction to Computers & OS Security

INTERESTS

- Fitness, Travel, Football, Cinema