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, 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**   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.

- **Room Ease**   2023

  - Built a system to optimize room allocation for 500+ students.
  - Reduced processing time by 30% using efficient algorithms.
  - Designed a user-friendly web interface to enhance allocation efficiency.
  - Increased satisfaction by 25% through better management.

- **Weather Predictor**   2022

  - Developed a weather prediction app with 90%+ accuracy.
  - Built cross-platform UI for mobile, web, and desktop.
  - Reached 1,000+ users and improved data processing time by 30%.

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