Aaryan Vishwanath Ghawali

B.E. Information Technology Student — Aspiring Data Science & Analytics Professional

A. P. Shah Institute of Technology, Thane, Maharashtra

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Objective

Aspiring Data Science & Analytics Professional with hands-on experience in machine learning, data analysis, and visualization. Passionate about leveraging Data Science and Analytics to extract actionable insights, solve complex problems, and contribute to research-driven projects. Seeking a Master's program in Data Science and Analytics to deepen technical expertise and pursue advanced analytical challenges.

Education

Bachelor of Engineering (B.E.) in Information Technology   Expected Graduation: 2025
A. P. Shah Institute of Technology, Thane, Maharashtra

- Focus Areas: Data Science and Analytics, Machine Learning, Business Analytics
- Conducted projects on student behavior analytics and domain preference modeling.
- Active participant in technical hackathons and AI/ML research clubs.

Certifications & Virtual Internships

Business Analyst Virtual Internship, Celonis AICTE EduSkills Jan–Mar 2025 Hands-on experience in business data analytics and process mining.

Data Analytics Process Automation Internship, Alteryx Sparked AICTE   Oct–Dec 2024 Automated data workflows and developed analytic pipelines using Alteryx.

IBM Data Analysis with Python, Cognitive Class by IBM   Feb 2025 Completed Python-based data wrangling, statistical analysis, and visualization.

PCAP: Programming Essentials in Python, Cisco Networking Academy OpenEDG   Jan 2024 Mastered Python fundamentals, OOP, and advanced data structures.

EXALT 2025 Technical Fest Participation, A. P. Shah Institute of Technology 2025 Recognized for active participation in innovation-driven technical events.

Technical Skills

Programming & Data Analysis: Python (Pandas, NumPy, Scikit-learn, Streamlit, Plotly), SQL, DAX

Data Visualization: Power BI, Tableau, Excel (Pivot Tables, Advanced Formulas)

Machine Learning & Analytics: Random Forest, Feature Engineering, Predictive Modeling

Data Processing Automation: Alteryx, ETL Concepts, Workflow Automation

Platforms Tools: Celonis Process Mining, CognitiveClass, Forage Virtual Experience

Projects Research Experience

HR Analytics Dashboard   Power BI, Excel, SQL, Python Developed an interactive dashboard analyzing employee attrition, satisfaction, and education trends. Delivered actionable insights to support organizational decision-making.

Accident Severity Predictor   Python, Scikit-learn, Streamlit, Plotly Built ML pipeline (Random Forest, 350 estimators) predicting accident severity with 85%+ accuracy. Automated PDF report generation with actionable insights for traffic authorities.

Project ELIXIR: Cognitive-Tech AI System   Co-developed AI ecosystem simulating cognitive processes using custom LLMs. Built AI Therapist Chatbot (LUNA) with context-aware mental health support.

Deloitte Australia Data Analytics Virtual Internship   Forage, Tableau, Excel Performed forensic analysis of employee compensation data and designed interactive dashboards to generate actionable insights.

Additional Analytics Experience

Completed multiple AI, ML, and Generative AI virtual internships (10+ weeks) with AICTE EduSkills Google Developers.

Soft Skills

Analytical Thinking — Problem Solving — Effective Communication — Team Collaboration — Self-Motivated Learner