Prakhar Shrivastava

Data Analyst — AI/ML — Python, SQL, Power BI

Gwalior, Madhya Pradesh, India

Gmail | Linkedin | Github

EDUCATION

VIT Bhopal University — Bhopal, Madhya Pradesh
Bachelor of Technology in Artificial Intelligence — *May 2023 – excepted 2027*

TECHNICAL SKILLS

Data Analysis & Visualization: Power BI, Tableau, Microsoft Excel (Advanced), Pandas, NumPy, Matplotlib, Seaborn

Programming & Querying: Python, SQL, DAX, Data Manipulation, ETL Processes

Statistical Analysis: Hypothesis Testing, A/B Testing, Regression Analysis, Predictive Modeling

Machine Learning: Scikit-learn, Feature Engineering, Classification, Clustering, Time Series Analysis

Databases: Oracle AI Vector DB, PostgreSQL, MySQL, Database Design & Optimization

Tools & Platforms: Jupyter Notebook, Git, Google Analytics, Data Studio, Geospatial Analysis

Core Competencies: Data Wrangling, Business Intelligence, KPI Development, Dashboard Creation, Reporting

EXPERIENCE

AI/ML Data Analysis Intern — Mar 2025 – Apr 2025
Shell-Edunet Foundation x AICTE Skills4Future — *Remote*

- Analyzed large-scale geospatial datasets using Python (Pandas, NumPy) to identify environmental patterns and trends
- Built automated ETL pipelines to process and clean geodata, reducing data preparation time by over 60%
- Developed predictive models using machine learning algorithms to forecast environmental metrics and sustainability KPIs
- Created interactive dashboards and visualizations to communicate complex data insights to non-technical stakeholders
- Utilized vector databases for efficient storage and retrieval of high-dimensional environmental data

Full Stack Development Intern — Feb 2025 – Mar 2025
EY GDS x Edunet Foundation x AICTE — *Remote*

- Designed and implemented database schemas and queries to support data-driven web applications
- Built interactive data visualization components using React to display real-time analytics and metrics
- Integrated backend APIs with MongoDB for efficient data storage, retrieval, and reporting capabilities
- Collaborated with mentors to optimize database performance and implement best practices for data handling

PROJECTS & ACHIEVEMENTS

Vultr Cloud Innovate Hackathon Winner – Developed cloud-based analytics solution leveraging AI/ML for automated data processing and insight generation; presented data-driven recommendations to judges

Tata Data Visualization Project – Created comprehensive business intelligence dashboards using Power BI to analyze revenue trends, customer behavior, and operational KPIs for strategic decision-making

FlipKart GRiD 6.0 Analytics Challenge – Analyzed e-commerce datasets to identify customer segmentation patterns and recommend data-driven strategies for business growth

ArthNeeti 4.0 Economic Analysis – Conducted statistical analysis and data modeling to evaluate economic policies using quantitative methods and visualization techniques

Tata Cybersecurity IAM Analysis – Analyzed security data and access patterns to design IAM strategies; created reports on security metrics and compliance requirements

CERTIFICATIONS

Shell-Edunet AICTE Skills4Future | Oracle AI Vector Search Professional | Tata Cybersecurity Simulation | Deep Learning in Ecological Studies | Python Basics | React JS