SHIVANSHU SRIVASTAV

Data Analyst | Machine Learning Enthusiast

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SUMMARY

Experienced Engineer with a passion for leveraging technology to drive innovation and solve complex challenges. Skilled in machine learning, data analysis, and visualization, with a strong foundation in programming languages such as Python. Proven track record of delivering impactful results in research and industry settings. Committed to continuous learning and staying abreast of emerging trends in artificial intelligence and data science. Seeking opportunities to contribute expertise and drive meaningful advancements in technology-driven initiatives.

TECHNICAL SKILLS

- **Programming:** Python, SQL

- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Tableau, Power BI

- **Machine Learning & AI:** TensorFlow, Keras, PyTorch, NLP, Statistical Modeling

- **Analytics & Mathematics:** Linear Algebra, Calculus, Data Collection, Econometrics

- **Web-Development:** HTML, CSS, JavaScript, SEO

EXPERIENCE

Brainovision Solutions Pvt. Ltd.

Machine Learning Intern (Jan 2024 - Mar 2024) | Hyderabad, India

- Developed and optimized ML models for various real-world study cases.

- Conducted data preprocessing, feature engineering, and model evaluation.

- Worked on customer segmentation projects, leveraging clustering and classification techniques.

CERTIFICATIONS

Data Analysis with Python

(Jan 2024 - Mar 2024) | Hyderabad, India

PROJECTS

Predicting Temperature & Humidity (Real-Time) - SUN-HACK 2024 (ESDS) | Nashik, India | Link

- Built a real-time predictive model analyzing temperature-humidity relationships.

- Used Python (pandas, Scikit-learn), Excel, and Tableau for analysis and visualization.

Customer Segmentation - Brainovision Solutions Pvt. Ltd. | Hyderabad, India | Link

- Implemented clustering techniques for customer profiling and market analysis.

- Utilized Python (pandas, NumPy), Jupyter Notebook, and Tableau for insights.

Sales Analysis Project

- Conducted in-depth sales data analysis, identifying trends and actionable insights.

- Used Excel, SQL, and Python (matplotlib, seaborn) for data-driven decision-making.

EDUCATION

Bachelors in Computer Science & Engineering (2022 - 2026) | Sandip University, Nashik, India
- Active in event management & volunteering initiatives.
HSC (PCM) & SSC - GlenHill School | Varanasi, India

AWARDS & ACHIEVEMENTS

1st Place - Data Science Hackathon | Brainovision Solutions Pvt. Ltd. (Oct 2023)
- Defined problem statements and structured ML models from scratch.
- Performed feature engineering on a dataset with 1000+ entries.
- Deployed Linear Regression & Random Forest Regression, optimizing performance using Evaluation matrix (MSE, R2, MAE)

VOLUNTEERING & LEADERSHIP

- Group Leader – Brainovision & AICTE Hackathon (Oct 2023)
- Student Volunteer – SunHacks Event (Apr 2024)
- Internshala Student Partner - Internshala (Nov 2024)