Ayush Lokhande

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DATA SCIENTIST

I am a Data Science student with a solid academic background and practical experience in statistical analysis and Data Manipulation. I am enthusiastic about using my analytical skills and programming proficiency in Python and R to contribute to innovative data-driven solutions. I am passionate about uncovering insights from complex datasets and applying data science techniques to solve real-world problems.

TECHNICAL SKILLS

- **Languages:** Python, R, SQL, HTML, CSS, JavaScript, C
- **Web Development:** HTML5, CSS3, JavaScript (ES6+), Bootstrap, Node.js
- **Frontend Frameworks:** React.js, Angular
- **Databases:** MySQL, PostgreSQL, MongoDB
- **APIs:** REST, GraphQL, JSON, AJAX
- **Version Control:** Git, GitHub, GitLab
- **Data Manipulation:** Pandas, NumPy
- **Machine Learning Libraries:** Scikit-learn, TensorFlow, PyTorch
- **Business Intelligence Tools:** Power BI
- **Data Visualization:** Matplotlib, Seaborn
- **Cloud Services:** AWS (EC2, S3), Heroku
- **Other Tools:** Docker, Jenkins

PROFESSIONAL EXPERIENCE

E-Zest
Data Scientist Intern   July 2024 - Oct 2024

- Assisted in developing predictive models for sales forecasting and customer segmentation.
- Automated web scraping to extract sales data from multiple sources, ensuring data accuracy and efficiency.
- Collaborated on designing data pipelines and automated reporting dashboards for real-time business insights.
- Applied AI techniques for enhanced machine learning model performance with diverse datasets.
- Integrated LLMs with reporting tools to generate data summaries and actionable insights automatically.

PROJECTS

Database Using Lang Chain and Azure Open AI.   June 2024

Developed a system to analyze daily sales and customer data from an online retail company and build models to predict future sales and customer growth using NLP. Conducted EDA to identify key trends and patterns. Applied machine learning algorithms to forecast future sales and customer growth rates. Utilized Lang Chain and Azure OpenAI's GPT-35-turbo model for querying of the SQL database. Developed an agent to construct and execute SQL. Tools & Technologies: Python, SQL, Pandas, Matplotlib, Seaborn, Scikit-learn, LangChain, SQLAlchemy, Azure OpenAI.

Predict future sales using machine learning   Nov 2023-Dec 2023

To predict the future growth rate and profit rate of sales using historical data. Collected and preprocessed data from previous sales records. Used various statistical techniques to clean and analyze the data. Implemented machine learning algorithms such as Linear Regression. Visualized the results using data visualization tools to make the insights accessible to stakeholders. Tools& Technologies: Python, Pandas, Scikit-learn, Matplotlib, Seaborn.

EDUCATION   2021-2025

Bachelor of Technology Btech AIML cgpa
7.59 Sage University Bhopal

CERTIFICATIONS

Certification	Date
IBM Certificate for Data Analysis	(11/2022- 11/2022)
IBM Python for Data Science	(10/2022- 10/2020)
CodeKaro ECertificate for Web Development Bootcamp	(08/2022-09/2022)
Data Analysis using Python	(03/2023-04/2023)
Foundation to AI Data Science & Data Analytics R Programming for Data Science	(05/2023-06/2023)
Statistical Data Analysis using Python	(08/2022-10/2022)