

# AYUSHI JAIN



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## Career Objective

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Motivated Data Analyst pursuing a Bachelor of Engineering in Artificial Intelligence And Data Science, seeking a challenging role to leverage my skills in identifying business needs, analyzing data, and recommending solutions to drive organizational growth.

## Experience

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### Oasis Infobyte

*Data Science Intern*

- Utilized Python with Pandas, NumPy, and Scikit-learn for data analysis.
- Implemented various machine learning algorithms like logistic regression, linear regression, etc.
- Developed streamlined pipelines for data preprocessing and model training.

### Zensar Technology

*Trainee*

- Language training - Core Java, Python, PLSQL.

## Education

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- Savitribai Phule Pune University, SITRC (Batch-2025), Nashik, CGPA - 8
- Amro Junior College, HSC (2021), Nashik, HSC - **87%**
- Nashik Cambridge CBSE School, CBSE (2019), Nashik, CBSE - **78%**

## Projects

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### Breast Cancer Wisconsin Diagnosis using Logistic Regression

- Developed a breast cancer diagnosis model using logistic regression with the Kaggle Breast Cancer Wisconsin dataset.
- Preprocessed and analyzed the data to train and test the model, achieving high accuracy in predicting malignancy.
- Analyzed patient data to predict the likelihood of malignant or benign tumors based on various attributes.

### Earthquake Prediction Model

- Developed a machine learning-based earthquake prediction system using time series analysis and neural networks in Python.
- Collected and processed datasets from GitHub, scaled data, and classified it into training **80%** and test **20%** sets.
- Implemented data visualization tools to display predictions on a world map, contributing to early warning systems and safety measure deployment.

### HR Data Analytics

- Conducted comprehensive data analysis on Zomato restaurant data using Python, extracting valuable insights into customer preferences, restaurant trends, and geographical patterns.
- Analyzed ratings, reviews, and other factors to provide actionable recommendations for improving customer experience and business strategies.

### Revenue Insights in Hospitality Domain

- Developed Revenue Insights project within the hospitality domain utilizing Power BI to analyze key revenue metrics and trends.
- Applied revenue management concepts to optimize pricing, occupancy, and revenue streams.
- Presented actionable insights to drive revenue growth, enhance pricing strategies, and improve overall business performance.

### Product Recommendation Analysis

- Implemented Product Recommendation Analysis leveraging Power BI for data visualization and various machine learning algorithms including collaborative filtering and content-based filtering.
- Analyzed user behavior, preferences, and product interactions to develop personalized recommendation systems.
- Utilized techniques such as matrix factorization and cosine similarity to enhance recommendation accuracy.

- The project aimed to optimize user engagement, increase sales, and improve overall customer satisfaction through data-driven insights.

## Website Traffic Analysis

- Conducted comprehensive analysis of website traffic data to identify trends and patterns. Utilized tools like Google Analytics to monitor visitor behavior, traffic sources, and conversion rates.
- Implemented data-driven strategies to improve user engagement, increase site visits, and enhance overall performance.
- Collaborated with marketing and development teams to optimize content and design based on insights gained.

## Technical Skills

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**Languages/Skills:** Python, R, C++, SQL, Core Java, Power BI, Tableau, Excel.

**Technologies/Frameworks:** Descriptive Analytics, Diagnostic Analytics, Predictive Analytics, Prescriptive Analytics, Cognitive Analytics, Linux, Flask, Scikit-learn, Git, GitHub, MLFlow, Pandas, Keras, Seaborn, Scikit-learn, PyTorch, TensorFlow

## Certifications

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- Basic of Python Programming
- Data Science With Python
- Microsoft Azure DP-900
- Business Intelligence Using Power BI
- Enterprise Data Science in Practice - IBM
- Getting Started with Enterprise Data Science - IBM
- National Intellectual Property Awareness Mission (NIPAM)