

CHINMAY DESHMUKH

Data Analyst | Btech | 🇮🇳 India

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SUMMARY

Data Science engineering student skilled in Python, SQL, and Power BI with hands-on experience in Exploratory Data Analysis (EDA), Feature Engineering, and Predictive Modeling. Passionate about solving real-world problems using machine learning and data visualization.

PROJECTS

Crop Recommendation System - April 2025

- Technologies Used: Python, Scikit-learn, Pandas, MySQL
- Developed a predictive machine learning model to recommend suitable crops based on soil nutrients (N, P, K), temperature, humidity, pH, and rainfall. Utilized supervised learning algorithms and fine-tuned model parameters using Scikit-learn to achieve reliable results.
- Conducted thorough EDA and feature engineering to improve model performance, cleaned and preprocessed datasets using Pandas, and structured data pipelines for scalability.
- Evaluated model using accuracy, precision, and recall. Enabled data-driven agriculture, helping farmers reduce crop failure risks and make informed decisions. Stored and retrieved data through MySQL for efficient handling of structured inputs.

Retail Analytics Dashboard Maven Market - June 2025

- Technologies Used: Power BI, DAX, Power Query, Excel
- Designed an interactive Power BI dashboard to analyze sales performance, customer behavior, return trends, and store profitability using the Maven Market dataset.
- Cleaned and transformed data using Power Query and built a custom calendar table to support time intelligence functions. Created advanced DAX measures to calculate KPIs like MoM/YoY growth, churn rate, and average order value.
- Delivered business-ready dashboards with slicers, filters, and drill-downs that enabled users to explore insights dynamically. Helped identify sales trends, underperforming segments, and strategic growth opportunities through visual storytelling.

WORK EXPERIENCE

Data Analyst Intern | NULL CLASS | August 2025 - Sept 2025

- Built interactive Power BI dashboards with advanced conditional filters and rules (job type, role, company size, salary, geography).
- Implemented time-based chart visibility (showing visuals only between 3–5 PM IST).
- Integrated map drill-downs using latitude/longitude for precise job location insights.
- Delivered actionable workforce and hiring trend insights to support HR and recruitment decisions.

EDUCATION

Bachelor of Engineering in CSE(Data Science)

Nov 2022 - Present

Prof Ram Meghe College of Engineering And Management, Badnera

Relevant Coursework: Machine Learning, AI, Statistics, DBMS, Business Intelligence, etc.

SKILLS

- **Languages:** Java, Python, SQL
- **Libraries/Frameworks:** NumPy, Pandas, Scikit-learn, Seaborn, Matplotlib
- **Tools:** Power BI, Tableau, Excel, Git
- **Concepts:** EDA, Data Visualization, Data Modeling, Data Cleaning, DAX, Predictive Analysis
- **Soft Skills:** Teamwork, Communication, Problem Solving, Adaptability, Leadership