

AYUSH JINDAL

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EDUCATION

University of Lucknow

2022-26

B.Tech - Computer Science and Engineering - 8.1(present)

Lucknow, Uttar Pradesh

Internships

Forage Data Analytics and Visualization:Accenture

Dec 2024

Role - Data Analyst

Virtual

- Utilized **Excel** to clean, organize, and manipulate raw client data for trend analysis and reporting efficiency
- Designed interactive dashboards in **Tableau** to visualize key business insights, enhancing data-driven decision-making
- Wrote and optimized **MySQL** queries to extract and analyze customer datasets, identifying patterns in user behavior
- Attended training sessions on **Python and Databases**.

Forage Data Visualization:Empowering Business with Effective Insights:Tata

Mar 2025

Role-Business Analyst

Virtual

- Explored the role of data visualization in strategic decision-making using real-world business scenarios
- Designed clear and impactful visualizations to represent complex data sets for stakeholders
- Gained practical experience in presenting data-driven business insights through storytelling techniques
- Applied best practices in data dashboard design to improve interpretability and user engagement

PROJECTS

Dynamic Customer and Sales Dashboard | Tableau,Excel

- Designed a dynamic dashboard to visualize customer behavior and sales performance using tools like Excel/Tableau
- Included interactive charts and filterable views to identify sales trends and customer engagement patterns

HR Dashboard | Tableau,Figma

- Designed a visually striking dark-themed **HR dashboard layout using Figma**, then implemented it in Tableau with consistent branding and UX
- Visualized key metrics like active employees, hires vs terminations, departmental breakdowns, and location-based staffing
- Integrated interactive charts for demographic analysis (gender, age, education), employee performance, and salary insights by role
- Used advanced Tableau features like parameter filters, tooltips, and visual segmentation to create an intuitive and filterable analytics experience

Data Ware House | MySQL

- Implemented a Multi-Layer SQL Data Warehouse:** Designed and developed a three-tier data architecture (Bronze, Silver, Gold) using SQL to manage the flow from raw data ingestion to business-ready outputs.
- Data Ingestion Storage (Bronze Layer):** Loaded raw CSV data from CRM and ERP systems into staging tables using batch processing and full load strategies with no transformations applied.
- Data Transformation Standardization (Silver Layer):** Applied SQL-based cleansing, normalization, and enrichment techniques to standardize and structure the data in intermediate tables.
- Business Logic Consumption (Gold Layer):** Created SQL views to deliver integrated, aggregated, and logic-applied datasets ready for BI reporting, ad-hoc SQL queries, and machine learning use cases.

SentiGenix: Sentiment Analysis | HTML,CSS,JavaScript, React,Python,API

- Developed Sentigenix:** A Sentiment Analysis Web App – Built using HTML, CSS, JavaScript, and React, this application offers real-time sentiment analysis directly from the browser.
- Integrated DeepSeek via OpenRouter API** – Leveraged the DeepSeek model through OpenRouter's API to classify user input as Positive, Negative, or Neutral, enabling accurate and dynamic sentiment detection.
- User-Guided Sentiment Rewriting** – Enabled users to transform negative statements into positive ones by issuing a command, with DeepSeek generating the revised, more constructive phrasing.
- Frontend-only with External NLP Services** – Maintained a fully client-side React architecture while handling advanced language processing via external APIs, eliminating the need for a custom backend

TECHNICAL SKILLS

Languages: Python(Matplotlib,NLTK), DSA in C++, JavaScript,HTML,CSS, MySQL

Designing Tools: Figma

Data Visualization Handling Tools:Tableau,Excel

CERTIFICATIONS

- Foundation of Data Science by **IIM Bangalore(Swayam)**
- Generative AI and Large Language Models by **IIM Bangalore(Swayam)**
- Geo Data Sharing and CyberSecurity by **IIRS,Dehradun**
- Soft Skills for Business by **IIM Bangalore(Swayam)**

EXTRACURRICULAR

- Attended a one-day workshop at **IIT Kanpur** on **ChatGPT and AI tools**, exploring practical applications of generative AI in real-world scenarios. Gained hands-on experience with AI-driven tools for productivity, automation, and content generation.
- Actively serve as an **IT team member** in the **Lucknow University Cultural Sports Committee**, supporting technical operations during university events.(Jul 2024-Mar 2025).
- Serve as the **Management Team Head** of **EN-Lit**, the college literature club, overseeing event planning, coordination, and smooth execution of literary activities and sessions.(Apr 2023- Feb 25)
- Volunteer at **Swayam(Lucknow)**, a local NGO, contributing to community outreach programs, awareness drives, and educational support initiatives for underprivileged groups.(Jul 2023-present)