

Farha Ansari

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EDUCATION

- **VIT Bhopal University** (September 2022 - Present)
Bachelor of Technology in Computer Science & Engineering | CGPA: 8.26
- **The Oxford Higher Sr. Sec School, Sehore** (June 2021)
Higher Secondary | Percentage:91%

Skills

- **Technical Skills:** Python, Pandas, Numpy, SQL, Basics of Data Structure and algorithms in C++, JavaScript, HTML /CSS.
- **BI Tools:** Power BI, Tableau, MS Excel

Projects

- AgriTech- Growing Tomorrow** | Python, HTML/CSS, JavaScript, SQL (June 2025)
- Engineered “Agritech”: A cutting-edge smart farming solution featuring crop recommendations, advanced disease detection, a local-language chatbot, and a real-time weather app. Designed to enhance productivity by 30%, offering a holistic, one-stop solution for modern farming challenges.
 - Technology Implementation: Deployed ReactJS and HTML/CSS for the user interface, boosting user interaction by 35%. Achieved 97% accuracy in Python model training and ensured robust backend security using Flask, with efficient database management through SQL.
 - Team Leadership & Innovation: Led frontend development and implemented machine learning models within a 4-member team. Utilized advanced technologies and collaborative strategies to drive project success and foster innovation.
- Diwali Sales Analysis: Strategic Insights** | Python, Excel, Dax, Power BI (July,2025)
- Data Analysis & Automation: Generated Python scripts to preprocess, clean, and automate tasks, efficiently handling over 10,000 data rows, reducing manual effort by 50%, and ensuring precise data analysis for actionable insights.
 - Visualization & Insights: Created interactive dashboards using Tableau and Power BI, analysing key sales metrics and identifying trends, leading to a 15% increase in revenue and enhanced decision-making capabilities.
 - Structured Reporting: Designed optimized schemas and data models and utilized Microsoft Excel to produce 10+ advanced reports, cutting report generation time by 30% and improving data accessibility for stakeholders.

Certifications

- IBM GenAI, IBM (May, 2025)
- Take You Forward Plus (TuF+) Certification, TuF+ (August, 2025)
- MERN Stack Internship Program, Ethnus (April 2025)

Extracurricular

- **Content Team Member**, English Literary Association, VIT Bhopal. (March, 2024 – April, 2025)
Organized multiple English literary events, each drawing a crowd of 500 attendees.

Additional Information

- 4-Star Achiever in Python and SQL, HackerRank.
- Solved 300+ questions of DSA on various platforms.
- Hobbies: Reading.