

# Mahendra Chourasiya

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## PROFESSIONAL SUMMARY

Detail-oriented Data Analyst with a passion for uncovering meaningful insights from complex datasets. Skilled in SQL, Python, Power BI, and Excel, with hands-on experience in data cleaning, visualization, and statistical analysis. Strong problem-solving skills and a collaborative mindset, working with cross-functional teams to optimize processes and improve business outcomes.

## EDUCATION

<b>Acropolis Institute of Technology and Research</b> <i>B.Tech in Computer Science Engineering with Data Science - 8.19 CGPA</i>	Indore, MP July 2020 - June 2024
<b>Mount Carmel School</b> <i>Higher Secondary (12th): 82.8%    Senior Secondary (10th): 91.2%</i>	Indore, MP June 2017 - May 2020

## EXPERIENCE

<b>Valuebound Consulting Services</b> <i>Associate Software Engineer — AI and Data Specialist</i>	Indore, MP July 2024 - Present
<ul style="list-style-type: none"><li>Led the development of the Knowledge Hub project, an AI-powered solution aimed at improving information retrieval across departments, enhancing productivity and efficiency within the organization</li><li>Developed a web scraping solution using BeautifulSoup, sklearn, TfidfVectorizer, and cosine similarity to identify and analyze similar user questions, gaining hands-on experience in data extraction.</li><li>Developed key features for an OTT platform using PHP and Drupal CMS, including workflow synchronization for custom entity blocks on the Heart Site.</li><li>Completed intensive training on AWS, Java, Spring Boot, and AI/ML, applying knowledge to production-ready applications</li></ul>	
<b>Data Analyst Intern</b> <i>IIT Indore</i>	Sep 2022 - Oct 2022 Indore, MP
<ul style="list-style-type: none"><li>Collaborated with a 4-person engineering team to analyze and visualize the impact of population growth and energy consumption on carbon emissions.</li><li>Analyzed datasets from 195 countries using Excel and Stata, identifying trends in carbon emissions</li></ul>	

## PROJECTS

<b>Sales Analysis Dashboard</b>   <i>Power BI, MySQL, Python, Pandas, Data Cleaning, Data Modelling</i>	May 2022
<ul style="list-style-type: none"><li>Designed an engaging dashboard using Power BI to understand the sales trend of a company.</li><li>This dashboard helps to understand company's goods sales trend, could increase the revenue by 8% in next quarter.</li></ul>	
<b>Yugm AI - The RAG Chatbot</b>   <i>RAG, Fast API, Python, Docker, Milvus, React, Mongo DB, OpenAI</i>	Oct 2024
<ul style="list-style-type: none"><li>Developed a secure, high-accuracy chatbot using an on-premise database to provide reliable, document-based answers to employee queries, enhancing query resolution across HR, Sales, and Finance departments.</li><li>Improved response efficiency by 30%, significantly reducing resolution time, driving cost savings, and boosting overall operational productivity..</li></ul>	
<b>T20 Cricket Data Analytics</b>   <i>Python, Web Scraping, Pandas, Power BI, Data Analysis, MS Excel</i>	Sep 2024
<ul style="list-style-type: none"><li>Developed a dynamic Power BI report to identify the top 11 T20 players globally by leveraging web scraping with Bright Data on ESPN Cricinfo. Cleaned and transformed raw data using Pandas, analyzed key player performance metrics, and provided actionable insights for team selection.</li></ul>	

## TECHNICAL SKILLS

**Programming & Libraries:** Python, C++, SQL, Docker, R, Pandas, NumPy, Matplotlib, Seaborn, Scipy, Scikit-learn  
**Data Management & Visualization:** MySQL, MongoDB, Microsoft PowerBI, Tableau  
**Others:** OpenAI, Gemini, Groq, HuggingFace, LLM, Langchain, Vector Store, AWS, Azure, FastAPI, Git

## CERTIFICATIONS

<b>Microsoft Certified: Azure AI Fundamentals</b>   <i>AI-900</i>	June 2023 - Present
<b>IBM Certified Data Science Professional</b>   <i>V2</i>	June 2023 - Present
<b>Oracle Certified Data Science Professional</b>   <i>1z0-1110-23</i>	June 2023 - June 2025
<b>Oracle Certified Architect Associate</b>   <i>1Z0-1072-23</i>	June 2023 - June 2025
<b>DataCamp Certified Professional DataAnalyst</b>	August 2022 - August 2024