

H.B. Karthik kumar

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OBJECTIVE

Data Analyst with hands-on experience in **Python, SQL, Excel, and Power BI**. Skilled in **data cleaning, visualization, dashboard creation, and reporting automation**, seeking to leverage **analytics** and **business intelligence (BI)** expertise to drive **actionable insights** and support **data-driven decision-making**.

EDUCATION

B. Tech in Artificial Intelligence Madanapalle Institute of Technology & Science	2021 – 2025
Inter in Sri Chaitanya Jr College	2019 – 2021

EXPERIENCE

Data Analytics Intern — Bengaluru Jul-Onwards (2025)

- Automated data cleaning and preprocessing tasks in Python, reducing manual effort by 30%.
- Designed and implemented SQL queries and aggregations to support business reporting requirements.
- Collaborated with cross-functional teams to identify key metrics and improve dashboard insights.

PROJECTS

- B.Tech Final Year (Diagnosis and Risk Analysis of Pulmonary Disorder in CXR Images)** – Developed AI-based model to analysed chest X-ray images for pulmonary disorder risk using Python, data preprocessing, and model evaluation.
- Customer Churn Prediction:** Developed a Random Forest ML model to predict and analyse customer churn for improved retention strategy. **Tools** I used Python, Random Forest, Power BI
- Employee Attrition Analysis & Prediction** – Analysed HR datasets using Python and SQL to predict employee attrition and provide actionable insights for retention strategies. [Project link]
- E-Commerce Sales & Customer Analytics Dashboard** – Created interactive Power BI dashboards to visualize sales trends and customer behaviour, enabling data-driven business decisions. [Project link]
- Excel & Retail Analytics Dashboards** – Built multiple dashboards and automated reports using Advanced Excel (Pivot Tables, VLOOKUP, KPI tracking) and Power BI to monitor sales, HR, and financial metrics.

SKILLS

- Python:** Pandas, NumPy, Matplotlib, Seaborn, Data Cleaning, Data Analysis, Machine Learning Basics
- SQL:** SELECT, JOINS, Subqueries, Aggregations, Stored Procedures, Data Modeling, ETL
- Excel:** Pivot Tables, VLOOKUP, INDEX-MATCH, Dashboard Creation, KPI Tracking, Macros, Reporting Automation
- Power BI:** Dashboard Design, DAX, Power Query, KPI Metrics, Sales & HR Analytics, Data Visualization
- Other Tools:** Tableau, MS Office, Figma, Canva, Data Storytelling, Analytics, Big Data

CERTIFICATIONS

- Advanced Certification in Data Analytics – E&ICT Academy IIT Guwahati (2025)
- Microsoft Power BI Data Analyst Associate
- Python for Data Science – Great Learning
- SQL (Intermediate) – Hacker Rank