

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

## EXPERIENCE

<b>Data Analytics Intern</b> — Bengaluru	Jul-Onwards (2025)
<ul style="list-style-type: none"><li>Automated data cleaning and preprocessing tasks in Python, reducing manual effort by 30%.</li><li>Designed and implemented SQL queries and aggregations to support business reporting requirements.</li><li>Collaborated with cross-functional teams to identify key metrics and improve dashboard insights.</li></ul>	

## PROJECTS

- B.Tech Final Year (Diagnosis and Risk Analysis of Pulmonary Disorder in CXR Images)** – Developed AI-based model to analyse 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