

ABHARNA K Data Analyst

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SUMMARY

Motivated Data Analyst skilled in transforming raw data into actionable insights. Proficient in Python, SQL, Excel, and Power BI, with hands-on experience in building analytical dashboards, and developing scalable ML-based solutions.

EDUCATION

Kumaraguru College of Technology, *Coimbatore* Sep 2022 - May 2026
B.Tech. in Artificial Intelligence & Data Science, CGPA: 8.5

SKILLS

Python, SQL, Data Cleaning, Analytics, Statistical analysis, Data Visualization, Machine Learning
Database: MySQL, MongoDB
Python: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn
Tools: Git, Excel, Power BI, Tableau, Figma,

INTERNSHIP

Research and Development Intern, Samsung PRISM Feb 2025-Sep 2025

Developed an AI-driven framework using LLMs and Whisper to enhance Named Entity Recognition accuracy from speech data through prompt optimization and performance analysis.

PROJECTS

Healthcare Claims Cost Analysis

Personal Project | SQL, Excel, Power BI

- Analysed 1,300+ healthcare claims using SQL and Excel to identify key cost drivers.
- Built interactive dashboards comparing costs by age, BMI, smoking status, and region.
- Found smokers incurred 4x higher costs (~\$32K vs \$8K) and obese middle-aged adults had the highest claim volume.

Sales & Profit Analysis Dashboard

Personal Project | SQL, Excel, Power BI

- Cleaned and analysed 10K+ Superstore sales records using SQL and Excel, uncovering trends in sales, profit, and discount impact.
- Built Power BI dashboards to visualize KPIs, revealing that high discounts reduced profit, West region was most profitable, and Consumer segment drove most revenue.

Bleeding Detection in Wireless Capsule Endoscopy Images

Personal Project | Python, TensorFlow, MobileNetV2, Deep Learning, HTML

- Developed a deep learning model using MobileNetV2 to classify bleeding vs. non-bleeding endoscopy frames, achieving 97% accuracy through transfer learning.
- Applied image preprocessing and regularization techniques to improve model performance and generalization across medical imaging data.

PARTICIPATION & CERTIFICATION

- Completed Data Analytics and Visualization Job Simulation
- Completed Advanced Data Analytics Certification Course by Deeplearning.ai
- Received Mahatma Gandhi Scholarship for academic excellence
- Participated in TANCAM Hackathon organized by Dassault Systems