

# AKSHAYKUMAR T A

## Data Analyst

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### SUMMARY

A results-driven Data Analyst with hands-on experience across 15+ projects in the complete data lifecycle. Proficient in SQL, Python, and Power BI for analyzing complex datasets, building predictive models, and communicating actionable findings to drive data-informed decisions.

### EDUCATION

**Bachelor of Computer Applications (BCA)**  
*University of Calicut, Kerala*

Graduated May 2025  
8.1/10 CGPA

### SKILLS

**Technical Skills:** SQL (MySQL, SQLite), Python (Pandas, NumPy, Matplotlib, Scikit-learn), Power BI, DAX, Power Query, ETL Scripting, Data Modeling, Data Cleaning, Data Visualization, Statistical Analysis

**Soft Skills:** Analytical Skills, Problem Solving, Leadership, Communication, Adaptability, Team Management, Collaboration

### PROFESSIONAL EXPERIENCE

**Luminar TechnoLab**, Kochi, Kerala

*Data Science Intern (Current)*

- Developed 5+ end-to-end data solutions for 3 client projects, applying skills in Python, Power BI, and Data Science to deliver actionable growth strategies.

**GrapesGenix Technical Solutions**, Thrissur, Kerala

*Android Developer Intern*

- Developed the "Navita AI Travel Guide" with 10+ features as the main BCA project, engineering a full-stack application and integrating 4+ APIs (Groq AI, Stable Diffusion).

### PROJECTS

**HR Analytics & Attrition Prediction**

(SQL | Python | Power BI)

- Reduced projected employee attrition by 10% by building a logistic regression model in Python (Scikit-learn) with 88% accuracy and presenting 3 actionable retention strategies via a Power BI dashboard.
- Identified 'Overtime' and low 'Job Satisfaction' as the top two statistical drivers of turnover by performing in-depth EDA and interpreting model coefficients.

**End-to-End Vendor Performance Analysis**

(SQL | Python | Power BI)

- Improved strategic decision-making by creating a Quadrant Analysis in Python to identify "Hidden Gem" products (high-margin, low-sales) for a targeted marketing push.
- Increased data processing efficiency by 30% by engineering a Python ETL script to ingest and centralize vendor data from 9+ disparate CSV files into an SQLite database.

**(EIC) Diagnostic Deep-Dive on Business Failure**

(Power BI | DAX)

- Provided a clear roadmap to prevent future financial collapse by conducting a deep-dive analysis on 500,000+ policy records to advise on the root cause of an insurer's failure.
- Quantified a critical 228% overall loss ratio and a catastrophic 6115% segment failure by authoring advanced DAX measures.

### CERTIFICATIONS & AWARDS

**Certifications:** Machine Learning Specialization (Stanford Online & DeepLearning.AI), Microsoft Certified: Power BI Data Analyst, IBM Applied Data Science, Google - Intro to Gen AI & LLMs, Cisco - Python Essentials

**Awards:** First Place, State-Level AI Poster Design (IHRD), Award for Excellence in Innovation (College), Selected Delegate - Gen AI Conclave (IHRD, 2x)

### LEADERSHIP EXPERIENCE

**College Union:** General Secretary, Magazine Editor | **College IEDC Cell:** Chief Marketing Officer, Secretary | **NSS Cell:** Unit Leader