

AKHIL SHIBU

Data Analyst | Business Intelligence | Business Analyst

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PROFESSIONAL SUMMARY

MCA candidate (Kerala University, graduating 2026) targeting Data Analyst, BI Analyst and Business Analyst roles. Experience across the analytics workflow: extracting data from PDFs, cleaning with Python (Pandas), analysing with SQL, and building Power BI and Excel dashboards. Designed DataSentrix, a data analytics platform tested on a 200,000-row dataset, and have API testing experience from a QA internship.

TECHNICAL SKILLS

Analytics and BI: Power BI (data modeling, DAX measures, KPI dashboards, drill-down), Microsoft Excel (Pivot Tables, Power Query, charts, dashboards), Data Visualization, KPI Analysis, Data Cleaning, Exploratory Data Analysis, Business Reporting

Programming and Databases: SQL (joins, aggregations, subqueries), Python (Pandas, NumPy, Matplotlib), MySQL, PostgreSQL, SQLite

Tools: Postman, Google Sheets, Apache ECharts, Django, Git/GitHub, Notion.

PROJECTS

DataSentrix: Data Analytics Platform | Python, Django, PostgreSQL, Pandas, ECharts, Matplotlib | 03/2026 - Present

- Designed an analytics web platform covering dataset upload, data cleaning, transformation, KPI metrics, chart generation and AI-assisted insights; built with AI-assisted development.
- Tested the platform on a 200,000-row, 30-column dataset to validate cleaning, data quality checks and reporting workflows.
- Specified data quality rules (duplicate handling, missing values, outlier treatment) and verified output accuracy through functional testing.

Road Accident Analytics (2020-2025) | Python, SQL, Power BI | 2026

- Extracted accident data from 6 government PDF reports into Excel using Python (pdfplumber) and cleaned it with Pandas.
- Wrote SQL aggregations and joins to analyse accident trends across 2020-2025.
- Built a 4-page Power BI dashboard with KPIs for accident patterns by time, district and severity.

Bike Sales Analysis | Microsoft Excel | 2026

- Cleaned a Kaggle dataset (removed duplicates, blanks and extra spaces) and built Pivot Tables, charts and a dashboard.
- Found that North America contributed about 57% of income and the Pacific region about 22%.
- Found that bike purchases decrease as commute distance increases, and that Bachelors degree holders made about 31% of purchases.

EXPERIENCE

QA Intern, Kerala Sellers | Kerala, India | 11/2025 - 12/2025

- Performed manual and functional testing across the buyer and seller modules of keralasellers.in, a hyperlocal e-commerce platform.
- Tested APIs using Postman and documented defects and test results in Excel, Word and Google Sheets.

Python / Django Intern, Digital Product Solutions | Kerala, India | 04/2025 - 05/2025

- Built Evalora, a project that converts handwritten text into digital text using a model accessed through an API.

EDUCATION

Master of Computer Applications (MCA), CHMM College for Advanced Studies, Kerala University | 08/2024 - Expected 2026 | CGPA: 8.09/10 (Semesters 1-3)

Bachelor of Computer Applications (BCA), Kerala University | 11/2021 - 04/2024 | CGPA: 7.4/10

CERTIFICATIONS AND ACHIEVEMENTS

Google AI Essentials (Coursera/Google) | Programming with Generative AI (IIT Guwahati) | Prompt Engineering (Infosys Springboard) | Google Cloud Fundamentals: Core Infrastructure (Coursera) | Introduction to APIs (Google)

Participant, 24-hour Hackathon, TKM College of Engineering