

ARSHAD MK

Kerala, India

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SUMMARY

Research Data Analyst with 1.8 years of experience managing large datasets and performing EDA using SQL, Excel, Power BI, and Stata. Skilled in data visualization, dashboard creation, and delivering actionable insights for decision-making. Proficient in data cleaning, transformation, statistical analysis, and financial analysis with a strong foundation in computer science and mathematics.

EXPERIENCE

Mahatma Gandhi University – Kottayam, India

Nov 2023 – Jun 2025

Research Data Analyst

- Managed and analysed large-scale datasets using **SQL**, ensuring data accuracy and integrity for a multinational corporation research initiative.
- Conducted detailed exploratory data analysis (**EDA**) on digitalization initiatives, deriving actionable insights from 1,500+ data points to shape strategic recommendations for informal sector economic policies.
- Managed the project **budget** effectively, ensuring adherence to financial constraints while maintaining high-quality deliverables, resulting in improved **resource allocation** and **cost savings**.
- Designed and maintained interactive dashboards with **Excel Power Query** and **Power BI**, reducing report preparation time by 20% while delivering dynamic visualizations for non-tech team.
- Collaborated in advanced **statistical analysis**, optimized data collection efforts, designed and developed **visualization** for reports.

EDUCATION

Master of Computer Application (MCA) – Cochin University of Science and Technology, Kochi, India

CGPA: 7.82 | Oct 2021 – May 2023

Bachelor of Science in Physical Sciences – University of Delhi, New Delhi, India

CGPA: 6.515 | Jul 2017 – May 2020

SKILLS

- Data Analysis & Management:** Data cleaning, EDA, Statistical Analysis, ETL, Data Validation
- Data Visualization:** Excel, Power BI, Python
- Tools & Technologies:** SQL, Advanced Excel, Stata, Power BI, Python, Google Sheets, MySQL, Kobo toolbox (data collection)
- Programming Languages:** Python (NumPy, Pandas, Matplotlib), SQL, Java, HTML, CSS
- Research & Reporting:** Market research, Data collection, Dashboard development, Mathematics, Accounting, Statistics
- Soft Skills:** Critical thinking, Communication, Problem-solving, Teamwork, Attention to detail

SELECTED PROJECTS – [View All](#)

Air Quality Forecasting Using FB Prophet Model – Personal Project [Link](#)

Python, Machine Learning, Google Collab

- Forecasted air quality using **FB Prophet**, with data preprocessing and feature engineering for accurate PM predictions.

Financial Analysis Dashboard – Personal Project [Link](#)

Power BI, Power Query

- Developed a Financial Analysis Dashboard using **Power BI** to visualize key financial metrics, including revenue growth, profitability ratios, and expense trends.

Data Cleaning and EDA on MNC Layoffs During COVID-19 – Personal Project [Link](#)

MySQL

- Cleaned & standardized a global layoffs dataset to ensure data consistency and accuracy.
- Performed **EDA** using **SQL** to identify key trends, patterns, and correlations across sectors and regions.

COURSES AND CERTIFICATION - [View All](#)

- Google Data Analytics Certification** from Coursera
- The Complete Financial Analyst Course** from Udemy
- SQL Certification** from Hacker rank