

Mohamed Mubarak

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[LinkedIn](#) — [GitHub](#) — [Portfolio](#)

Professional Summary

Aspiring Data Analyst and Computer Science Student — AICTE-certified Intern skilled in Python, SQL, Power BI, Tableau data visualization — Proven expertise in data mining, analysis insights — Proficient in data process optimization business intelligence.

Technical Skills

- **Programming:** Python, SQL (MySQL, PostgreSQL), C, Power BI, Tableau, Excel
- **Data Analytics & BI:** Data Cleaning, Visualization, Insights, Reporting
- **Tools & Workflow:** Git, GitHub, Version Control, Collaborative Development

Professional Experience

Data Analytics Intern Marcello Tech (AICTE Approved) 22/07/24 - 21/09/24

- Processed and structured raw datasets, improving data integrity and reducing inconsistencies by 45%.
- Developed interactive Power BI dashboards that enabled leadership to make real-time, data-driven decisions, decreasing report generation time by 60%.
- Automated SQL queries for data extraction and transformation, reducing operational workload and improving efficiency by 70%.
- Designed predictive analytics models that identified key business trends, leading to a 25% increase in actionable insights.
- Enhanced ETL workflows, accelerating data pipeline performance by 35% and ensuring seamless integration across systems.
- Partnered with cross-functional teams to align data solutions with business objectives, streamlining processes and improving collaboration.

Project 3: Coffee Day Data Analysis (SQL) GitHub

- Performed exploratory data analysis on sales trends, identifying the top-performing regions and increasing revenue opportunities by 15%.
- Built a predictive model for customer segmentation, improving targeted marketing campaigns and boosting engagement rates.
- Implemented SQL-driven data optimizations, reducing query execution time by 40%.

Project 2: Electric Vehicle Data Analysis (Tableau) GitHub

- Analyzed electric vehicle adoption patterns to assist manufacturers in strategic decision-making, increasing sales effectiveness.
- Designed comprehensive KPI dashboards in Tableau, reducing analysis time for stakeholders by 35%.
- Delivered insights on customer behavior, leading to a 20% improvement in market targeting strategies.

Project 1: HR Analytics Dashboard (Power BI) GitHub

- Constructed a real-time HR analytics dashboard that optimized workforce planning, reducing attrition by 25%.
- Designed an AI-driven performance evaluation model, improving employee retention strategies and efficiency.
- Automated HR data processing, reducing manual labor by 40% and increasing report accuracy.

Education

B.E. Computer Science SCADCET 2022 - 2026
CGPA: 8.2

Higher Secondary Education GHSS 2020 - 2021
Percentage: 70

Certifications

- AICTE Data Analytics Internship (Marcello Tech) 22/07/24 - 21/09/24
- NPTEL: The Joy of Computing Using Python (IIT Madras) 12/07/23 - 30/10/23