

Abhishek M B

Data Analyst | Entry-Level Data Scientist

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PROFESSIONAL SUMMARY

Entry-level Data Analyst with hands-on experience in data cleaning, exploratory data analysis (EDA), and statistical analysis using Python, Pandas, NumPy, and SQL. Skilled in building data visualizations with Matplotlib, Seaborn, Power BI, and Tableau to communicate insights. Experienced in preprocessing datasets, applying machine learning models, and evaluating performance using Scikit-learn. Strong foundation in data-driven problem solving and analytical reporting.

PROFESSIONAL TRAINING

Data Analyst Trainee

Oct 2025 – Feb 2026

ICT Academy, Technopark, Trivandrum

- Analyzed structured datasets using Python (Pandas, NumPy) to identify trends and patterns.
- Performed data cleaning, feature encoding, and scaling on real-world datasets.
- Conducted exploratory data analysis (EDA) and visualized insights using Matplotlib and Seaborn.
- Built and evaluated machine learning models using Scikit-learn with train-test split and performance metrics.
- Queried relational databases using SQL to extract and validate data.

PG Diploma in Advanced Design and Verification (VLSI)

2024 – 2025

IBIS Academy, Thrissur

- Studied digital system design, RTL coding, and functional verification concepts.
- Worked with Verilog for hardware description and simulation.
- Gained exposure to VLSI design workflows and verification methodologies.

SKILLS SUMMARY

- **Programming Languages:** Python, SQL, HTML, CSS
- **Data Analysis:** Pandas, NumPy, Matplotlib, Seaborn, EDA, Data Cleaning
- **Spreadsheets:** Microsoft Excel (Pivot Tables, VLOOKUP/XLOOKUP, Basic Formulas)
- **BI & Visualization Tools:** Power BI, Tableau
- **Machine Learning:** Scikit-learn, Regression, Classification, Clustering, Model Evaluation
- **Databases:** MySQL, PostgreSQL, SQLite
- **Version Control & IDEs:** Git, GitHub, VS Code, PyCharm, Jupyter Notebook
- **Backend Development:** FastAPI, Django, RESTful API Design, CRUD, JWT/OAuth2 Authentication, Data Validation, OpenAPI/Swagger Documentation
- **Frameworks & Libraries:** SQLAlchemy (ORM), Pydantic, Requests
- **Testing & Deployment:** Postman, Uvicorn
- **AI & Productivity Tools:** ChatGPT, Gemini, GitHub Copilot, DeepCode, Blackbox AI

EDUCATION

B.Tech in Electronics and Communication Engineering

College of Engineering and Management Punnappra, Alappuzha – KTU

2020 – 2024

CGPA: 7.9 / 10

ACADEMIC PROJECTS

- **1x3 Router in Verilog (2024)** — Designed an on-chip router for VLSI circuits. (*Verilog, VLSI*)
- **Solar Panel Cleaning System (2024)** — Automated panel cleaning using Google Teachable Machine; achieved 90% accuracy in object recognition. (*Python, ML, IoT*)
- **Multi-functional Parking Assist System (2023)** — Designed Bluetooth-enabled parking system, reducing detection latency by 40%. (*Arduino, Embedded Systems*)

CERTIFICATIONS

- Python and Machine Learning – Developer Student Club
- IoT and Arduino Programming – Keltron Internship (1 Week)