

# MAHAMMAD UBAIDULLA

Data Analyst | Power BI | SQL | Python | Excel | EDA | Machine Learning Mangalore, India

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## PROFILE SUMMARY

Data Analyst skilled in SQL, Power BI, Python, and Advanced Excel with experience in developing dashboards, analyzing business data, and building predictive models. Strong at transforming raw datasets into actionable insights, automating reports, and building interactive analytics solutions. Hands-on experience with end-to-end ML web applications using Flask and real-world data analysis projects. Looking for a Data Analyst role to apply analytical thinking and contribute to business decision-making.

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## TECHNICAL SKILLS

**Data Analysis & BI:** Power BI, Excel, KPI Design, DAX, Dashboarding, EDA

**Programming:** Python (Pandas, NumPy, Matplotlib, Seaborn)

**Databases:** SQL, MySQL

**Machine Learning:** Classification, Regression, Feature Engineering, Model Evaluation

**Tools:** Jupyter Notebook, VS Code, Git, Flask

**Key Skills:** SQL • Power BI • Excel • Python • Pandas • DAX • EDA • Data Cleaning • Data Visualization • Dashboards • Reporting • ML Basics

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## EXPERIENCE

### Data Analyst Intern — Zephyr Technology Solution | Apr 2025 – Jun 2025

- Designed Power BI dashboards for KPIs and customer metrics
- Cleaned and preprocessed datasets using SQL and Python
- Conducted EDA to identify trends in performance
- Optimized ML models for accuracy

**Environment:** Power BI, SQL, Python, Pandas, Excel

### Data Analyst (Training & Project Development) Zephyr Technology Solution | Jul 2025 – Present

- Built and deployed end-to-end data analytics projects including dashboards, SQL reports, and prediction systems.
- Created reusable data pipelines, cleaned datasets, and implemented statistical techniques for insights.
- Developed multiple industry-style ML applications with Flask for real-time prediction and visualization.
- Supported junior analysts by guiding them in analysis, SQL writing, and dashboard creation.

**Environment:** Power BI, SQL, Python, Pandas, Excel, Flask, Jupyter

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## PROJECTS

### Power BI Business Dashboard – Blinkit & Zephyr (Real-Style Project)

- Built interactive dashboards to analyze sales, revenue, ratings, city performance, and category-wise profitability.
- Implemented DAX measures, time-intelligence calculations, and slicers for dynamic reporting.
- Identified top-performing cities, low-performing categories, and pricing insights that support business decision-making.
- Delivered visual analytics used for weekly management reviews.

### Customer Churn Prediction (90% Accuracy)

- Analyzed telecom customer behavior and key churn drivers using EDA and data preprocessing.
- Developed a Random Forest model and deployed a Flask web app for real-time churn prediction.
- Provided business insights such as high churn risk in month-to-month contracts and electronic payments.

### House Price Prediction (96.2% Accuracy)

- Built a Random Forest regression model to predict property prices using datasets with location, sqft, BHK, and amenities.
- Encoded categorical variables using OrdinalEncoder and LabelEncoder to improve model performance.

- Deployed a clean Flask web interface for user input and prediction.

#### **UPI Fraud Detection System**

- Developed an ML-powered fraud detection system integrated with login authentication and alert messages.
- Implemented preprocessing, encoding, anomaly detection, and business rules for fraud risk scoring.

#### **Student Performance Prediction**

- Built a prediction system using study hours, attendance, past scores, lifestyle factors, and demographics.
- Deployed using Flask with charts, insights, and structured prediction results.

#### **Kidney Stone Detection (Classification Model)**

- Created a classification model using Random Forest to predict kidney stone probability based on urine analysis metrics.
- Integrated with an interactive Flask UI and added analytics visualizations.

#### **SQL Portfolio Projects – Restaurant & Library**

- Designed relational databases using MySQL and wrote advanced SQL including joins, subqueries, stored procedures, windows functions, and optimizations.
- Delivered reports for sales, inventory, customer activity, and book circulation.

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### **EDUCATION**

#### **Bachelor of Science – Computer Science & Mathematics**

University College Mangalore | 2024 | CGPA: 7.5/10

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### **Certifications**

- **Data Science Internship Program** – Zephyr Technology Solution
- **Kaggle Certificate** – Deep Learning

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### **ACHIEVEMENTS & STRENGTHS**

- Completed 10+ end-to-end analytics & ML projects.
- Strong communication and presentation skills.
- Ability to explain complex data insights in simple terms.
- Fast learner with strong problem-solving mindset.