

# Mohammad Islam

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## PROFESSIONAL SUMMARY

Detail-oriented Computer Science student with hands-on experience in Python, Machine Learning, and Data Analytics. Proven ability to transform complex datasets into actionable insights through internship experience and industry-recognized certifications. Skilled in developing ML models, statistical analysis, and data visualization. Seeking to leverage technical expertise and problem-solving abilities in a challenging technical role.

## EDUCATION

### Rajasthan Technical University, Kota

*Bachelor of Technology in Computer Science*

Kota, Rajasthan

*Aug 2022 – May 2026*

- Relevant Coursework: Data Structures, Algorithms, Database Management, Object-Oriented Programming, Machine Learning

## EXPERIENCE

### Machine Learning & Data Science Intern

*Pantech.AI*

June 2025 – Sep 2025

*Remote, India*

- Developed and deployed machine learning models for real-world datasets, implementing regression and classification algorithms with 85%+ accuracy
- Performed end-to-end data analysis pipeline including data cleaning, feature engineering, and statistical analysis using Python (Pandas, NumPy)
- Created interactive dashboards and visualizations using Matplotlib and Power BI to communicate insights to stakeholders
- Collaborated with cross-functional teams to identify business problems and deliver data-driven solutions
- Optimized model performance through hyperparameter tuning and cross-validation techniques

## PROJECTS

### Mobile Sales

Work

- Implemented data analysis features including payment method distribution, daily sales trends, and brand-wise revenue comparison.
- Enabled actionable insights for business decisions by presenting sales performance metrics and regional sales distribution using data visualization tools.

### Blinkit Outlet based Analysis

Work

- Developed an end-to-end Power BI solution integrating sales, outlet, and item-level data with KPIs, DAX measures, slicers, and interactive visuals.
- Integrated multiple data and performed ETL operations for consolidated reporting
- Enhanced business insights through performance tracking across outlets, categories, and customer ratings.

### IPL Analysis (2008-2025)

Work

- Developed a comprehensive IPL analysis dashboard featuring season filters, player performance insights, and team standings.
- Enhanced decision-making with visually rich KPIs, comparative tables, and interactive navigation.

## TECHNICAL SKILLS

**Programming Languages:** Python, SQL

**Data Analysis & Visualization:** NumPy, Pandas, Microsoft Power BI, Excel (Pivot Tables, VLOOKUP)

**Core CS Concepts:** Object-Oriented Programming, Database Management

**Tools & Technologies:** Git, Microsoft Power BI, Google Colab, VS Code

**Soft Skills:** Problem Solving, Analytical Thinking, Team Collaboration, Communication

## CERTIFICATIONS

**Introduction to Programming Using Python** | *Kaggle*

**Power BI Micro-course** | *Microsoft*

**Tata - GenAI Powered Data Analytics Job Simulation** | *Forage*