

# Mohammad Islam

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## PROFESSIONAL SUMMARY

Detailed-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

<b>Rajasthan Technical University, Kota</b> <i>Bachelor of Technology in Computer Science</i>	Kota, Rajasthan
	<i>Aug 2022 – May 2026</i>

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

## EXPERIENCE

<b>Machine Learning &amp; Data Science Intern</b> <i>Pantech.AI</i>	June 2025 – Sep 2025
	<i>Remote, India</i>

• 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

<b>Mobile Sales</b>	<b>Work</b>
• 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.	
<b>BlkinKit Outlet based Analysis</b>	<b>Work</b>
• 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.	
<b>IPL Analysis (2008-2025)</b>	<b>Work</b>
• 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*