

# Maryha Sulbhi

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## PROFESSIONAL SUMMARY

Aspiring Data Scientist and Computer Science undergraduate specializing in Data Science with hands-on experience in Python, SQL, Tableau, and Machine Learning. Skilled in data cleaning, exploratory data analysis (EDA), dashboard development, and AI-driven application development. Experienced in building predictive models, interactive dashboards, and NLP-based systems to support data-driven decision-making.

## TECHNICAL SKILLS

**Programming:** Python, Java, C++, C

**Data Analysis & ML:** Pandas, NumPy, Scikit-learn, CNN, Machine Learning, EDA

**Data Visualization:** Tableau, Power BI, Matplotlib, Excel

**Databases:** SQL, PostgreSQL, MongoDB

**Web & Tools:** Streamlit, React.js, HTML, CSS, Git, GitHub

**Core Concepts:** Data Structures, Algorithms, OOP, Data Modeling, API Integration

## PROJECT EXPERIENCE

### BCI Multimodal AI System

Jan 2026

*Python, CNN, Machine Learning, Streamlit*

- Designed and developed a multimodal AI system integrating neural signal and visual data for intelligent prediction.
- Trained and optimized CNN-based deep learning models for feature extraction and classification.
- Built a real-time Streamlit dashboard for live model inference and visualization.
- Reduced inference latency through optimized preprocessing and efficient data handling.
- Deployed the application with GitHub-based version control for scalable cloud hosting.

### HR Analytics Dashboard

May 2025

*Tableau, SQL, Data Analysis*

- Developed an interactive Tableau dashboard analyzing employee attrition and workforce demographics.
- Performed data cleaning and transformation using Excel and SQL.
- Identified key attrition drivers to support HR retention strategies.
- Reduced manual reporting time by 40% through automated KPI tracking.

### PDF Question Answering Application

Dec 2024

*Python, Streamlit, PyPDF2, LLaMA-3*

- Built an NLP-based application allowing users to upload PDFs and generate context-aware answers.
- Implemented document parsing, text extraction, and semantic query handling.
- Integrated LLaMA-3 model for intelligent response generation.
- Designed an intuitive Streamlit interface for improved user interaction.

### Business Performance Dashboard

June 2025

*Tableau, Sales Analytics*

- Created a sales dashboard tracking revenue, shipments, and regional performance.
- Improved resource allocation efficiency by 15% through geospatial sales analysis.
- Reduced manual reporting effort by 50% via automated KPI tracking.

### ABC Gaming - Loyalty Points Analytics System

Aug 2025

*Data Analytics, Tableau*

- Developed a loyalty points calculation engine based on deposits and gameplay metrics.
- Implemented data validation workflows for accurate large-scale data processing.
- Built dashboards visualizing player engagement and reward trends.

## EDUCATION

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### **Bachelor of Technology – Computer Science Engineering (Data Science)**

Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh

Expected Graduation: June 2027

GPA: 7.5/10

## CERTIFICATIONS

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Prompt Engineering for Generative AI –LinkedIn

DataOps Methodology -IBM

Introduction to Programming Using Python –HackerRank

Microsoft Excel for Data Analysis – Udemy

Java Certification -HackerRank

JavaScript Certification -HackerRank

Data Analytics Job Simulation –Deloitte

Data Visualization Job Simulation –Tata

## HACKATHONS

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### **Google Solutions Challenge**

- Collaborated on scalable real-world solutions using Google technologies.

### **NationBuilding Hackathon**

- Participated in national-level strategic problem-solving competition.