

Tahura Sadaf Alam

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[Portfolio](#) | [LinkedIn](#)

EDUCATION

P.D.A College of Engineering

Electronics and Communication Bachelors
CGPA: 8.21

Kalaburagi, Karnataka
2019 - 2023

Shree Guru P.U College of Engineering

Degree in Pre-University College
Percentage: 85%

Kalaburagi, Karnataka
2017 - 2019

Kendriya Vidyalaya Kalaburagi

SSLC
CGPA: 10

Kalaburagi, Karnataka
2007 - 2017

INTERNSHIP

Exposys Data Labs | Data Science Intern

January 2023 - February 2023

- Developed a customer segmentation model utilizing k-means clustering algorithm to identify distinct customer groups.
- Employed data visualization techniques to depict age and gender distributions, and further analyzed annual incomes and spending scores of the customers. Derived actionable insights to inform targeted marketing strategies and product offerings.

SKILLS

Tools / Platforms:	Microsoft Azure (Azure administration & services)
Operating Systems:	Windows, Linux
Programming / Scripting:	Core Java, Python, PowerShell, Shell Scripting
Database:	SQL
Additional Skills:	Cloud Computing, Networking, Web Development, ITIL
Soft Skills:	Adaptability, Problem Solving, Communication and interpersonal skills.

PROJECTS

Bangalore Property Price Prediction

- Undertook a project to develop a comprehensive solution to find accurate property price estimates in Bangalore.
- Project involved data cleaning, feature engineering, selecting and optimizing regression models, setting up a Flask server as a backend, and designing a user-friendly website for price predictions.

Automatic Timetable Generator

- Systematically applied Genetic Algorithm principles to optimize the timetable creation process.
- This involved creating a user-friendly interface and integrating AI capabilities to ensure an efficient scheduling experience.
- It significantly reduced the time required for course scheduling while ensuring optimal timetables for 500+ students.

Driver Anti sleeping device and alert system

- Developed an innovative system aimed at mitigating road accidents caused by drowsy driving.
- Implemented a robust mechanism that detects driver drowsiness and triggers timely alerts by incorporating a buzzer-based notification system to effectively alert drivers when they show signs of losing consciousness with an accuracy of 95%.

CERTIFICATES

Azure Fundamentals (AZ-900) - Microsoft Certified

Java and Web Essentials(Special Training Certificate) - Ethnus Codemithra, Bangalore

Google Data Analytics - Google through Coursera.

Python for Everybody - University of Michigan through Coursera.