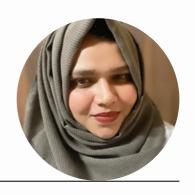# SHAZIYA BANU S

ASSISTANT PROFESSOR |DATA SCIENTIST| RESEARCH SCHOLAR

PROFILE

I, **Prof. Shaziya Banu S, Assistant Professor in the Department of Artificial intelligence and machine learning, JNN College of Engineering**. Currently, I am **pursuing Ph.D. in Artificial Intelligence in BMSCE** and hold **Certification In Data Science.** Perceive strong commitment to advancing knowledge in the field of Artificial intelligence and Data Science.

WORK EXPERIENCE

JNNCE, Shimoga   **2023 DEC-PRESENT**

JAIN Deemed-to-be University   **2022 JUNE-2023 NOV**

- Teaching and hands-on subjects like Introduction to **AIML, Application of AI, Data Visualization**, Data Warehousing, Computer Organization.
- Administrating project-centric learning and handling 51 Technical Projects with 180+ students.
- Experience in ERP models, for student data.

National Educational Society (Kasturba)   **2021-2022**

SRNMN College(N.E.S)   **2017-2018**

CUEMATH EdTech (International Math)   **2020-2022**

CERTIFICATIONS

- **ISO certification in Data Science** by Top mentor Organization.
- **Power BI** certification By Great Learning.

Member of IAENG [International Association of Engineers]

CONTACT

shaziya.shaz098@gmail.com

LinkedIn   :
https://www.linkedin.com/in/shaziya-banu-s-9a4936235/

+91 9108609006

github : github.com/shaziyasherin

EDUCATION

2022 - pursuing

PhD in Artificial intelligence and Machine Learning in BMSCE, VTU, Bangalore.

2018-2020

MTech computer science from JNN College of Engineering with FCD [CGPA 8.69], Shimoga.

2012-2014

B.E in Information Science from PESITM University with FC, Shimoga.

TECHNICAL SKILLS

- Python, MySQL, Tableau, MS Excel, jupyter notebook.
- Data Science –
- Machine Learning algorithms such as Regression, Classification, Clustering, Market Basket Analysis for Supervised/Unsupervised learning.
- Exploratory Data analysis, Visualization and Inferential Statistics including Test of Hypothesis
- Python with Data Analysis – Numpy, Pandas, Scikit Learn, Matplotlib, Seaborn
- Models used, Logistic Regression, Linear Regression, KNN, Decision Tree, Random Forest algorithm, Bagging, Boosting, Naïve Bayes classifier etc...
- Js, ANGULAR.

PUBLICATIONS

- "Detection of Diabetic Retinopathy by Retinal Screening using Image Processing Techniques" in International Journal of Scientific Research in Computer Science Engineering and Information Technology.
- "Revolutionizing STEM Learning with Automated Artificial Intelligence-based Tools" in "Research Handbook on Information Systems and Society", Edward Elgar Publishing.
- "Revolutionizing Drug Discovery: The Role of AI and Machine Learning in Accelerating Medicinal Advancements" in "Artificial Intelligence and Machine Learning in Drug Design and Development" published by Wiley.
- "Recommendation System For Music Depending On Mood" in "Research Handbook on Information Systems and Society", Edward Elgar Publishing.

PROJECTS

- **PROJECT #1:** Statistical analysis on the sales of a company and representation of dash board
  - EDA is performed on different factors such as year, season, temperature, product categories.
  - Interactive dash board are created in excel using slicers.
- **PROJECT #2:** Statistical analysis and Hypothesis testing of Covid 19 cases in India
  - EDA is performed on different factors such as gender, state, year.
  - Hypothesis testing is also performed on the same data.
- **PROJECT #3:** Prediction of demand for shared bikes
  - Developed a predictive model based on linear regression model.
  - Understanding the demand levels to meet the customer's expectations.
  - The model will be a good way for management to understand the demand dynamics of a new market.

DECLARATION

I hereby declare that the details mentioned above in my resume are correct to the best of my knowledge and belief.

DATE: 11/12/2023