



Faria Bibi
Mathematician

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Mathematical thinker with expertise in computational modeling and machine learning for data-driven problem-solving. Skilled in algorithm development and statistical analysis to optimize complex systems.

EDUCATION

Bachelor of Mathematics

Namal University Mianwali

09/2021- Present

Mianwali, Pakistan

Courses

Linear Algebra

Machine Learning

Probability & Statistics

Data Science

WORK EXPERIENCE

Teacher, Government Girls School

08/2022 - 09/2022,

Mianwali, Pakistan

Achievements/Tasks

Taught mathematics, designing engaging lesson plans to enhance student understanding.

Conducted lectures, interactive discussions, and hands-on activities to simplify complex topics.

Organized academic workshops and mentoring sessions to support student learning.

Online Technical Research

08/2024- Present

Achievements/Tasks

Conducted independent online research and analyzed technical documents to support academic goals.

Developed strong skills in critical thinking, data interpretation, and summarizing of complex information.

Wrote academic reports and research papers for internal submission (unpublished).

SKILLS

- PythonRMSData Science
- Machine LearningPresentation Skill
- Communication SkillProblem Solving

UNDERGRADUATE PROJECTS

- Final Year Project

Predicted music genre using Machine Learning.

Compared results with benchmarks, outperforms them.

Our model performed well classification results.
- Facial Emotion recognition

By using CNN and pre-trained models we predict facial-emotions.

Pre-trained models we use are mobilenetV2.

We get great results on this multi-classification problem.

CERTIFICATES

- Python for business from Udemy (02/2022)

Attending research paper writing seminar (02/2024)

ACHIEVEMENTS

- Merit Scholarship Award in Intermediate

(Punjab College, Mianwali) 2019

Merit Scholarship Award in Bachelor

(Namal University, Mianwali) 2021

ORGANIZATIONS

Namal Character Building Society (10/2021 - 02/2022)
Member

INTERESTS

- Traveling
- Book Reading
- Hiking