



Dr. Mirza Ghazanfar Beg

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([Google Scholar Citation](#) | [ORCID](#) | [Scopus](#) | [Web Of Science](#) | [ResearchGate](#) | [LinkedIn](#))

PROFILE

Profile Summary

- Over 5 years of experience in Teaching (Corporate Training) and Research.
- PhD in Data Science and Big Data (specializing in Supervised and Unsupervised Learning).
- Senior Software Engineer with 9+ years of experience in back-end development.
- Proficient in all stages of the development cycle for dynamic web projects.
- Expertise in various programming languages and technologies, including:
 - MVC, ASP.Net with C#
 - Python (Django)
 - JavaScript
 - MS-SQL
 - ML Libraries
- Strong background in project management and customer relations.

RESEARCH INTEREST:

- My research focuses on Data Science and Big Data technologies, with a particular emphasis on exploring advanced methodologies in data analysis, machine learning, and real-time data processing.

SUMMARY OF RESEARCH ACCOMPLISHMENT:

- My topic was "Development of a Prediction Technique in Big Data: An Unsupervised and Supervised Learning Perspective".
- It's focuses on Leveraging both Supervised and Unsupervised Learning approaches to create prediction technique for analyzing large dataset, commonly called "Big Data". Without the need of manual labelling (UL) and with the help of labeled data (SL).
- My Research study aims to enhance environment of a model to perform well, Which I formulated as Performance is directly proportional to Environment in performance evaluation equation.
- The Performance and Environment Related Equation, that can efficiently extract new insight, hidden patterns, meaningful co-relation and the prediction for vast complex dataset.
- My proposed hybrid model is contributing to advancement in data driven decision making such as pandemic prediction across the various diseases.

COURSE TAUGHT:

- Mobile and Web Application Development.
- IoT, Bigdata, Data Science, AI and ML.
- .Net, Java, Python and SQL.

ADMINISTRATIVE/DEPARTMENTAL RESPONSIBILITY

- Serving as a Secretary of the Departmental Committee for Student Project Monitoring & Evaluation.
- Serving as a Member of the Departmental Career and Professional Development Committee.

STUDENTS SUPERVISION

- BCA / MCA

PUBLISHED/ACCEPTED SCI/SCOPUS RESEARCH PAPERS

- Implementation of Hybrid Prediction Model: An Unsupervised and Supervised Learning Perspective. Journal: IJRITCC, ISSN: 2321-8169, Volume: 11 Issue: 5s, April 2023, DOI: 10.17762/ijritcc.v11i5s.6652
- Machine Intelligence in COVID-19 Prediction: An Adaptable Approach for Automation. Journal: Kalahari Journals (IJME), ISSN: 0974-5823, Volume: 6 No. 2, September 2021.
- Critical Analysis on Data Science and Big Data Avenues. Journal: IJSTR, ISSN: 2277-8616, Volume: 08, Issue: 11, April 2023, DOI: 10.13140/RG.2.2.22917.27367

PAPER PUBLISHED IN INTERNATIONAL CONFERENCES

- Realtime Task Selection Through Machine Learning, Conference: Sustainable Environment, Manifestation and Augmentation, February 2023, At: Page No. 425 with Paper ID: SEMA22PP140. DOI: 10.47715/JPC.B.978-93-91303-45-7

BOOK CHAPTERS

- Big Data Protection and Security Handling In COVID-19 The Cyber Pandemic. Published In Book: Emerging Trends in Information Technology, March 2022, ISBN: 975-93-94894-03-7, Publisher: Nitya Publications, Bhopal MP
 - Weapon Autonomy Greedy Algorithm Selecting and Attacking Perspective. Published In Book: ICT-2021(Information & Communication Technology), November 2021, ISBN: 978-93-94070-92-9, Publisher: Argon Press, New Delhi.
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