

CURRICULUM VITAE

OBJECTIVE:

Self-actualization as an enthusiastic professional motivated to work as a team member in the challenging environment, with an organization that nurtures the competencies of its members.

PERSONAL INFORMATION:

Name:	Muhammad Rizwan Khurshid
Nationality:	Pakistan
Marital status:	Single
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ACADEMIC QUALIFICATION:

Doctor of Philosophy in Statistics (PhD):

CGPA: 3.69/4.0

Dissertation (Thesis): EARLY DISEASE PREDICTION OF PHYSIOLOGICAL SIGNALS: A MACHINE LEARNING PIPELINE WITH OPTIMIZED XGBOOST AND PRE-PROCESSING TECHNIQUES.

Institution/University: Department of Statistics Islamia College University Peshawar, Peshawar, Pakistan.

Master of Philosophy in Statistics (M.Phil):

CGPA: 3.01/4.00

Dissertation (Thesis): Epidemiological Study of Risk Factors of Diabetes in District Faisalabad (CASE STUDY OF DISTRICT FAISALBAD).

Institution/University: Department of Statistics Govt. College University Faisalabad, Pakistan.

Master of Science in Statistics (MSc):

Thesis: **Factors that cause of stress in students.**
Institution/University: Department of Statistics (CSAS), Punjab University, Lahore, Pakistan.

Graduation (B.Sc.):

Institution/University: **Bahauddin Zakariya University, Multan Pakistan.**
Major Courses studied: Mathematics, Statistics and Economics.

Intermediate (F.Sc) Pre-Engineering:

Institution/University: Government Postgraduate College, Sahiwal.
Major Courses studied: **Mathematics, Physics and Chemistry.**

Matriculation (Science):

Institution/University: Govt. High School, Sahiwal (B.I.S.E.) Multan.
Major Courses studied: **Physics, Mathematics, Chemistry and Biology.**

POSITIONS HELD:

Post	Institution	Period Served
Data Analyst	Interloop (LTD), Faisalabad.	2017 to 2021
Visiting Lecturer	University of Sahiwal	2021 to 2022
Biostatistician/ Lecturer Bio-Statistics	Watim Medical College Rawat	May-2025 to Dec 25
Data Analyst/ Assistant Manager QEC	WAH Medical College Taxila	22-12-25 to Present

Publications:

1-Khurshid, M. R., Manzoor, S., Sadiq, T., Hussain, L., Khan, M. S., & Dutta, A. K. (2025). Unveiling diabetes onset: Optimized XGBoost with Bayesian optimization for enhanced prediction. PloS one, 20(1), e0310218.

2-Muhammad Khurshid Rizwan, Muhammad Masood, Irtaza ishtiaq, Muhammad Akbor Hossen. (2020). Factors of stress in the students of Punjab University

Lahore. International Journal of Recent Advances in Multidisciplinary Research, p: 1-18, Vol. 07, Issue 09, pp.6289-6294, September, 2020.

3-Rizwan Muhammad Khurshid. (2020). Epidemiological Study of Risk Factors of Diabetes in District Faisalabad. Journal of Chemical, Biological and Physical Sciences, p: 01-15, Section C. August 2020 –October 2020, Vol. 10, No. 4; 209-223.

4-Muneeb Ahmad, Irtaza Ishtiaq, Muhammad Rizwan Khurshid, Issah Sham-Una. (2020). The Role of Agriculture and Final Consumption Expenditures on Turkish GDP Growth. Globus An International Journal of Management & IT, p: 01-05, Vol12/No1/Jul-Dec2020.

5-Muneeb Ahmad, Irtaza Ishtiaq, Muhammad Rizwan Khurshid, Issah Sham-Una, Mohammad Saiyedul Islam. (2020). The relationship of Turkish GDP growth, FDI inflows and Exports Escalation. International Journal of Recent Advances in Multidisciplinary Research, p.01-12, Vol. 07, Issue09, pp.6309-6312, September, 2020.

6-Yousaf Ali Khan, Muneeb Ahmad, Azeddine Elalami Lahlimi, Muhammad Rizwan Khurshid. (2020). Consequences of CoViD-19 on Imports and Exports of China with Forecast Error and Future Trend. Gurukul Business Review (GBR), Manuscript Id-1585841810, 01-17 to be published in December 2020.

TEACHING EXPERIENCE:

Have been teaching the following courses at postgraduate:

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|-------------------------------------|---------------------------------|
| i- Applied Statistics | ii- Biostatistics |
| iii- Statistics for Research | iv- Statistical Software |
| v- Statistical Inference | vi- Survey Research |

Papers Presented in Conferences:

1-Khurshid, M. R., Manzoor, S., Sadiq, T., Hussain, L., Khan, M. S., & Dutta, A. K. (2025). “Unveiling diabetes onset: Optimized XGBoost with Bayesian optimization for enhanced prediction”. PloS one, 20(1), e0310218. International Conference On Emerging Trends In Business, Economics And It The Government Sadiq College Women University Bahawalpur – Pakistan.

2- Rizwan Muhammad Khurshid. (2020). Epidemiological Study of Risk Factors of Diabetes in District Faisalabad. Journal of Chemical, Biological and Physical Sciences, p: 01-15, Section C. August 2020 –October 2020, Vol. 10, No. 4; 209-223.

Innovative Conference in Distance Learning Government College University.
Faisalabad, Pakistan.

COMPUTER SKILLS:

Statistical Software's: SPSS, R Language, Microsoft Office Excel, Microsoft Office Power Point Microsoft Office Word etc.

Freelance:

Private tutor in Statistics and consulted with Masters, M.Phil and Ph.D. students outside of statistics and helping them with analyses for their dissertations since 2019.

RESEARCH INTERESTS:

- ❖ Econometrics and Regression Analysis
- ❖ Sampling Techniques
- ❖ Survey Sampling.
- ❖ Econometrics and Regression Analysis
- ❖ Bio-Statistics.
- ❖ Nonparametric Statistics.
- ❖ Applied Statistics.
- ❖ Statistical Quality Control.
- ❖ Probability and Probability Distributions
- ❖ Bayesian Analysis.