

AYSHA AZMAT

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VISION

To obtain a position where I can share my passion for the subject and enlighten young minds.

MISSION

To bring unmatched success to the organization I work for through maximum possible value addition, excellent logical aptitude and utilization of my cognitive ability.

PROFESSIONAL SKILLS

Software:	Good command over SPSS MS Office (Word, Excel, Power Point)
Communication:	Excellent Interpersonal and Presentation Skills, Multilingual: English, Urdu & Punjabi

ACHIEVEMENTS

- Got **3rd position** in BS.c (Hons) at GCU
- Took part in Kinnaird Statistical poster competition
- Wrote an Article on **Stratified Sample Statistics** for Scientific Ravi
- Got certificates from different societies at GCU (Joint secretary at Statistical Society, Executive member at Young Journalists' Society, Executive member at Library society)

PROFESSIONAL EXPERIENCE

Lecturer: Sep 2024 till date
INSTITUTE: Foundation University School of Science & Technology - FUSST
DEPARTMENT: Business Administration

Teaching Experience:

Teaching responsibilities of the following course at under-graduation level

- **Fundamentals of Data Science**

Lecturer: Sep 2024 till date
INSTITUTE: National University of Science and Technology (NUST)
DEPARTMENT: Military College of Signals (MCS)

Teaching Experience:

Teaching responsibilities of the following course at under-graduation level

- **Probability and Statistics**

Lecturer: Feb 2024 till date
INSTITUTE: Rawalpindi Women University
DEPARTMENT: Mathematics, Statistics and Business Administration

Teaching Experience:

Teaching responsibilities of the following course at under-graduation level

- **Quantitative Reasoning - II**

- **Introductory Statistics**
- **Business Statistics - I**
- **Design and Analysis of Experiment -II (Lab)**

Lecturer:

Jun 2016 – Jan 2019

*INSTITUTE: **National University of Science and Technology (NUST)***

DEPARTMENT: School Of Mechanical and Manufacturing Engineering (SMME)

DEPARTMENT: Department of Basic Sciences and Humanities (E&ME)

DEPARTMENT: NUST Institute of Civil Engineering (NICE)

Teaching Experience:

Teaching responsibilities of the following course at under-graduation level

- **Probability and Statistics**

Lecturer:

Feb 2012 – June 2015

*INSTITUTE: **University of Education, Lahore***

DEPARTMENT: BUSINESS ADMINISTRATIVE DEPARTMENT.

Teaching Experience:

Teaching responsibilities of the following courses at under-graduation and post-graduation level.

- **Logic**
- **Business Statistics**
- **Statistical Inference**
- **Statistics for Economist**
- **Business Research Method**
- **Business Mathematics & Statistics**
- **Quantitative Techniques of Management**

Lecturer:

Aug 2013 – Oct 2015

*INSTITUTE: **Central Group of Colleges, Lahore***

DEPARTMENT: COMPUTER SCIENCE DEPARTMENT.

Teaching Experience:

1. Teaching responsibilities of the statistics course at the intermediate level to the ICS students.
2. Successfully working as the class coordinator during my stay.

Lecturer:

Sep 2013 – Aug 2014

*INSTITUTE: **Grace College of Business Studies, Lahore***

DEPARTMENT: BUSINESS ADMINISTRATIVE DEPARTMENT.

Teaching Experience:

Teaching responsibilities of the following course for BSc (Accounting and Finance)

- **Basic Statistical inference**
- **Applied Statistics**

INTERNSHIP:

*COMPANY: **Punjab Bureau of Statistics***

May 2012-June 2012

- Working with the team of Professionals in different Departments to get the know-how of every section constitutes the Punjab Bureau of statistics.
- Coordination Division
- Current Industrial Survey Division
- Data Processing Division
- Education Division

- Agriculture Division
- Publication Division
- Administrative Division

EDUCATIONAL BACKGROUND

MPhil in Statistics (2012-2014)

CGPA (3.28/4.00)

Government College University (GCU), Lahore.

Major Courses:

- | | |
|-------------------------------|--|
| • Multivariate Analysis | Survey Research Methods |
| • Distribution Theory | Statistical Analysis using computer software |
| • Statistical Quality Control | Regression Methods |
| • Survival Models | Bio Statistics |
| • Reliability Theory | |

Research/Thesis Work

“A class of Generalized Ratio and Regression estimators of population mean in the presence of non-response under single and two phase sampling”.

Projects:

- Presentation on Odds Ratio
- Presentation on Censuses and Sample Surveys
- Discussion and presentation on Process Capability Index
- Presentation on Modeling Survival Data with Parametric Regression Models
- Analysis of a research paper on Survival Analysis of Cancer patients using Parametric and non-parametric approaches

BSc(Hons) in Statistics (2007-2011)

CGPA (3.15/4.00)

Government College University (GCU), Lahore.

Major Courses:

- | | |
|-----------------------|----------------|
| • Statistics | Bio-Statistics |
| • Probability | Econometrics |
| • Experimental Design | Multivariate |
| • Estimation | R-Language |

Research/Thesis Work

“Modelling and forecasting of the Production of Livestock in Pakistan”

Projects:

- Carried out an analysis and Econometric Modeling through SPSS
- Carried out an Analysis on the attributes of Fresher Juice through SPSS
- Delivered a Presentation on Principle Component Analysis and Applied this Technique on STATISTICA
- Presented a Research Work on best mobile company in Statistical Poster Competition at Kinnaird College
- Carried out an Analysis of Descriptive Statistics on Sales and Purchases of Paper Products through R-Language software

Masters in Education (M.Ed) (2015-2016)

Institution: University of Sargodha.

Bachelors in Education (B.Ed) (2013-2014)

Institution: University of Sargodha.

Intermediate General Science (2005-2007)

Institution: Jinnah Degree College For Women, Lahore

SSC Matriculation (Science) (2004-2005)

Institution: Gehwara-e-Taleem High School, Lahore

HOBBIES

My hobbies include walk and shopping, and this is something which I very much enjoy. My hobby doesn't just keep me fit and healthy, but it allows me to meet new people and develop my communication skills outside of the working environment.

REFERENCES

Dr Hina Khan

Associate Professor

Department of Statistics

GC University, Lahore

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Controller of Examination

SMME, NUST Islamabad

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