



## Asad Ullah

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**Home:** Village Tarnaw post office Kityari, Tehsil Adenzai, District Lower Dir  
Khyber Pakhtunkhwa (KPK), Pakistan

### OBJECTIVES

A highly motivated Statistics scholar, with greater thirst of knowledge, aiming for a sustainable green Statistics growth worldwide along with poverty elevation. My objectives are professional Development by academic excellence, learning new research skills and contributing the field of Statistics.

### RESEAECH INTEREST

- Sampling
- Applied statistics
- Time series modeling and advanced machine learning techniques

### EDUCATION

#### M.Phil in Statistics

*Riphah International University* (Session 2020-2023)

**City:** Islamabad

**Country:** Pakistan

**Website:** [www.riphah.edu.pk](http://www.riphah.edu.pk)

**Final Grade:** CGPA 3.06 out of 4.00

**Relevant course work:** Advanced sampling techniques, Advanced Probability Theory, Advanced regression analysis, Time series and forecasting, Statistical process control and statistical inference, etc.

**Skills Acquired:** Statistical analysis and visualization, programing languages (e.g R, SPSS, Python).

#### BS in Statistics

*University of Malakand* (Session 2015-2019)

**City:** Chakdara

**Country:** Pakistan

**Website:** [www.uom.edu.pk](http://www.uom.edu.pk)

**Field of study:** Statistics

**Final Grade:** CGPA 3.20 out of 4.00

**Relevant course work:** Introduction to statistics, Probability, Data analysis and statistical methods, Statistical modeling, Data visualization programing, languages (e.g R, SPS, python), Sampling techniques, Stochastics process, Population studies, Survival analysis, Operation research, Econometrics, Applied multivariate analysis, Regression analysis, Survey Design, Time series analysis, Statistical Inference, etc.

## **F.sc Pre-Engineering**

*Iqra school and college tazagram Dir Lower, (Bise Malakand Board Session 2014)*

**Pre-Engineering include:** Mathematics, Physics, Chemistry and English.

**City:** Tazagram

**Country:** Pakistan

## **Matric in Science**

*Govt higher secondary school khanpur, (Bise Malakand Board Session 2012)*

**City:** Khanpur

**Country:** Pakistan

**Pre-Engineering include:** Mathematics, Physics, Biology, Chemistry and English.

## **WORK EXPERIENCE**

**Six months of teaching experience as a Lecturer in Statistics.**

**City:** Khanpur

**Country:** Pakistan

**Position:** Government Degree College Khanpur, District Dir Lower.

**One year of experience in data analysis and modeling.**

**Gained experience in data analysis, data visualization and report generation.**

**Assessed student performance through exams and assignments, and provided feedback and support.**

**Tutor, DEF Tutoring Services.**

## **Publication**

**Improved ratio and regression estimator of population mean in simple random sampling.**

MPhil Research paper submitted to the journal of Science Progress.

## **Projects**

**A statistical analysis of disease distribution in Dir.**

I had submitted my BS research project under the supervision of Dr. Muhammad Rafiq.

**Improved ratio and regression estimator of population mean in simple random sampling.  
(Under review)**

It is my MPhil project submitted to Riphah International University Islamabad under the supervision of Prof. Dr. Muhammad Aslam.

## **Workshops & Seminars**

3days international workshop organized by Professional Development Center (PDC) and Department of Computer Science and Information Technology, Virtual University of Pakistan.

**Workshop on Recent Developments in Statistics**

Two-day Post Conference Workshop on Recent Developments in Statistics Organized by Islamic Countries Society of Statistical Sciences (ISSOS), Lahore, Pakistan.

4 Days First international symposium on "The Himalayas of Pakistan, Resources and Conservation issues", Held in Hazara University Mansehra KPK Pakistan.

Participant in the United Nations Model Conference at Ghulam Ishaq Khan Institute of Engineering and Technology KP, Pakistan.

Management Statistics in Pakistan” From September 29-30 2017, organize by Centre for Statistics, University of Sawat.

Disaster Management Exhibition 2016 Organize by University of Malakand Chakdara, Dir Lower KPK Pakistan in Collaboration with ACF- International Pakistan.

## **Computer Skills**

### **Programming**

I used Matlab to develop the software for my thesis. Since I started my MS, I switched to Python. Using Object Oriented programming I have developed a four-thousand-line code. I use Mathematica to obtain the formulations for my project.

### **Microsoft Office**

I used Word for basically every technical report for my courses. Some exams also required computation through excel. I have recently started using Access to develop a database to handle the references for my research.

### **Statistical Software**

SPSS is perhaps the most widely used statistics software package within human behavior research. Minitab has advanced predictive analytics and machine learning algorithms to dive deeper into data.

R is a free software environment for statistical computing and graphics.

I have full command on all the above-mentioned software.

## **Soft Skills**

### **Communicating Public speaking**

### **Mediation Organization exchanging feedback**

#### **Detail:**

Reviewing and reporting Communication with your peers and mentors is a key for a good experience. In my group I am asked to report to my chairperson and my colleagues twice a week and occasionally present my most recent findings to the department committee.

### **Qualitative and Quantitative Researcher**

Being a student at university I have done a research work both a qualitative and quantitative.

## **Administrative Skills**

### **Strong organizational skills**

- I have the ability of organizing and maintaining records, files, and databases.
- Scheduling appointments and maintaining calendars.
- Writing memos and transcribing recorded dictation.
- Organizing office equipment and inventory.
- Creating itineraries for seniors.
- Forward planning.

### **Communication skills**

- I have the ability of absorbing and disseminating information in a practical & understandable way.
- I have the ability to effectively communicate with a wide range of people in different ways.
- Clarifying complex information, both written and verbal.

### **Teamwork and interpersonal skills**

- I have the ability to build solid, collaborative relationships with colleagues.
- Adaptability and acting as a team player rather than a lone individual

Practicing empathy and communicating well.

- Keeping the broader business goals and objectives in mind while working on tasks.
- Receiving and providing constructive feedback.

### **Problem-solving skills**

- I have the ability to identify problems and decide on the best solution.
- Come up with creative solutions to problems.

### **Technology and software skills**

- I have Proficiency with Microsoft Office products (Excel, Word, PowerPoint).
- I have the ability to use a large range of email clients (Outlook, Gmail).
- Managing databases.
- Using accounting and statistical software.

## **Achievements and Awards**

### **Merit-Based Prime Minister Laptop Scheme Dec-2017**

Chosen as a recipient of the Merit-Based Prime Minister Laptop Scheme this recognition underscores my commitment to academic excellence. This laptop is not just a device, it symbolizes the opportunities unlocked by hard work. Grateful for this privilege, I am eager to harness its potential to elevate my learning, broaden my horizons and continue my journey of achievement.

### **Inter departmental Entrepreneurial activity Oct-2017**

Get second position in three days inter departmental entrepreneurship activity.

### **Annual Inter departmental sports competition Mar-2018**

Win a volley-ball final of inter departmental sports competition.

## **LANGUAGE SKILL**

- **Mother Language:** Pashto
- **Other languages:** English & Urdu

## **INTERESTS**

- Reading and Research
- Sports
- Traveling
- Volunteering

## **REFERENCES**

- Prof. Dr. Muhammad Aslam  
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