

# MAHER ALI

Location: Buner, Pakistan

Email: [maherali80005@gmail.com](mailto:maherali80005@gmail.com)

Cell: +923470287040



## DATA ANALYST

Committed and skilled professional with a solid two-year track record as a specialist in social statistics. Applied advanced statistical methodologies to complete an M.Phil degree in Statistics, specializing in social statistics. Proficient in data collection, analysis, and interpretation, extracting valuable insights into societal trends. Adept at utilizing statistical methods to address complex social challenges and enhance evidence-based decision-making. Actively seeking roles that enable me to apply my expertise and enthusiasm for social statistics in a dynamic and impactful capacity.

### -----SKILLS-----

Data analysis, Descriptive Statistics, Inferential Statistics, Hypothesis Testing, Multivariate Analysis, Time Series Analysis, Survival Analysis, Statistical Modeling, Statistical Quality Control, Statistical Reporting, Statistical Analysis, Data Collection, Data Cleaning and Preparation, Survey Design, Quantitative Data Visualization, Sampling Techniques, Experimental Design, Report Writing, Policy Analysis, Problem-Solving, Presentation Skills, Email composing.

### -----SOFTWARE-----

- **IBM SPSS (Statistical Package for the Social Sciences)**
- **STATA**
- **EXCEL**
- **POWERPOINT**
- **MS WORD**
- **QGIS**
- **TABLEAU**

## PROFESSIONAL EXPERIENCE

### ➤ Academic Research and Publications:

#### Current Research

Feb 2023

I have done my M.Phil's thesis is titled "A Study of Consumption of Safe Drinking Water and Its Determinants through Weighted Multinomial Logistic Model in Pakistan and its Different Sub Divisions." For this, I have used the data from the Pakistan Demographic and Health Survey (PDHS) 2018

#### Summary of Research

My research focuses on the consumption of safe drinking water in Pakistan and the factors that influence whether or not people consume safe drinking water. I have used a weighted multinomial logistic model and data from 2018 to analyze this issue.

#### Software to be used in my research

I utilized Stata software, specifically version 17, for conducting the statistical analysis in my research project. I also used Excel software for analysis and making graphs. This version incorporates advanced statistical methodologies.

#### Relevance of Research

This research is important because safe drinking water is essential for human health. By identifying the factors that contribute to safe drinking water consumption, my research could help to develop interventions to improve access to safe drinking water in Pakistan and other countries around the world.

#### Publication

I'm delighted to share the news of the publication of my M.Phil research thesis titled " A Study of Consumption of Safe Drinking Water and Its Determinants through Weighted Multinomial Logistic Model in Pakistan and its Different Sub Divisions " in the esteemed Aqua Journal, renowned for its notable impact factor of 4.3. Feel free to explore the complete paper and delve into the insights by accessing the published article through the provided link: [<https://doi.org/10.2166/aqua.2023.317>].

## EDUCATION AND PROFESSIONAL BACKGROUND

- **SSC “Ghazali School & college Buner”**
- **HSSC “Govt Degree College Dagger Buner”**
- **BS University of Peshawar in Statistics**

➤ **M.Phil University of Peshawar in Statistics**

## TRAINING & MEMBERSHIP

➤ **Bureau of Statistics, Islamabad Pakistan**

**August 2020**

Engaged in a seminar organized by the Bureau of Statistics, which centered on enhancing my comprehension of methodologies for analyzing health data. Acquired the skills to interpret health indicators effectively and derive valuable insights. I have explored the role of 2018 data in influencing healthcare policies and strategic decision-making. This seminar delivered valuable insights into current trends and approaches within the realm of statistics, thereby enriching my proficiency and capabilities in this discipline.

Significance: The insights gained from this seminar bolster my competence in statistics and underscore my dedication to ongoing professional growth within the field

➤ **National Institute of Population Studies (NIPS)**

**In Jan 2022**

On Jan 2020, I attended an important meeting at the National Institute of Population Studies (NIPS) in Islamabad, Pakistan, about population growth in the country. The meeting used data from the Pakistan Demographic and Health Survey 2018 to discuss the latest trends and patterns in population growth, as well as the factors that contribute to it. I learned a lot about population dynamics and trends in Pakistan, and I also participated in discussions about the policy implications of population growth. This experience has further enriched my expertise in demographic analysis and its importance for informed decision-making. I am committed to using this knowledge to contribute effectively to demographic research and policymaking in Pakistan.

➤ **DG SKILLS**

**July 2023**

I am pleased to declare my affiliation with DG SKILL, having accomplished a certification program in Freelancing and English Language. This accomplishment underscores my commitment to augmenting my expertise and understanding in these domains, and I eagerly anticipate utilizing these skills in my professional pursuits.

## CURRENT JOB

I am presently employed as a Freelance Data Analyst, with expertise in conducting thorough analyses utilizing tools like STATA, SPSS, and Excel. Adept at extracting valuable insights from data, I apply my analytical proficiency to offer meaningful perspectives. My responsibilities include performing advanced analyses to facilitate well-informed decision-making processes. I am committed to delivering top-tier results and making substantial contributions to projects across diverse domains, encompassing models such as multinomial logistic, binary logistic, and ordinary least squares estimation.