

**MAHER ALI**

Location: Peshawar, Pakistan

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**DATA ANALYST**

Over 5 years of experience in collecting and processing extensive datasets, implementing data scrubbing and validation procedures to guarantee the accuracy and reliability of the data.

**-----------------AREAS OF EXPERTISE--------------------**

Committed and skilled professional with a solid two-year track record as a specialist in social statistics. Applied advanced statistical methodologies to successfully 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**

* **Visiting Lecturer at Government Degree College Buner Present 2023**

Served as a Visiting Lecturer at Government Degree College Dagger Buner, where I conducted captivating and educational lectures within the realm of statistics. This experience was exceptionally gratifying and afforded me the opportunity to actively participate in the academic advancement of students. Noteworthy roles and accomplishments encompassed.

* **Academic Research and Publications: Jan 2023**

**Current Research**

I have done my M.Phil research 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. I have also written a paper on this topic for submission to the journal AQUA, which is currently under review.

**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. 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.

* **Experienced as a Data Collection in Polio Survey March 2020**

Your experience as a data collection officer in polio surveys using Microsoft Excel is an asset. Polio surveys are essential for tracking the progress of polio eradication efforts and identifying areas where additional resources are needed.

EDUCATION AND PROFESSIONAL BACKGROUND

* **SSC “Ghazali School & college Buner”**
* **HSSC “Govt Degree College Dagger Buner”**
* **BS “University of Peshawar”**
* **M.Phil “University of Peshawar”**

TRAINING & MEMBERSHIP

* **Bureau of Statistics, Islamabad Pakistan August 2022**

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. 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 2020**

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.

PROFESSIONAL REFERENCES

1. Dr Shahid Ahmad

Senior Epidemiologist NEOC-IGH/CDC

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1. **Dr Sohrab Ali**

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