

## Enhanced CV:

Dr. Abuzar Ahmed - Sudanese - 10/8/1979



Assistant Professor of Statistics

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## Summary:

Highly experienced and accomplished Assistant Professor of Statistics with 20 years of expertise in teaching, data analysis, and research. Seeking a challenging position as a University Professor or a role in the field of statistics, encompassing program development, research, data analysis, survey design, decision support, and statistical forecasting using advanced software packages.

## Education:

- Ph.D. in Statistics | Sudan University of Science and Technology, Khartoum, Sudan | 2014
- Master of Science in Statistics | Kordofan University, Ellobaied, Sudan | 2009
- Bachelor of Science in Statistics | Omdurman Islamic University, Khartoum, Sudan | 2003

## Professional Experience:

- 2024- Present: Assistant Professor in Alghad College for applied medical science in Alqassim
- 2024 - Present: Assistant Professor of Statistics, Islamic University of Minnesota
- 2023 - 2024: Assistant Professor, Computer College, Islamic University of Minnesota
- 2022 - 2023: Research Expert, The National Center for Palms and Dates, KSA
- 2022 - 2023: University Lecturer, Statistics Department, Al-Jouf University
- 2020 - 2022: Assistant Professor, Statistics Department, King Saud University. Coordinator of the Quality Department
- 2016 - 2019: Assistant Professor, Jeddah University. Advisor to the administration of faculty and staff members
- 2015 - 2016: University Lecturer, Al-Jouf University. Coordinator of Quality and e-Learning at the Community College
- 2011 - 2014: Lecturer, Statistics Department, Al-Ghad International High Health Colleges. Coordinator of the Preparatory Year Department
- I have teaching experience in statistics and related fields, spanning over two decades and covering a range of institutions in Sudan and Saudi Arabia. They have taught numerous undergraduate courses including introductory statistics, probability theory, applied statistics, biostatistics, regression analysis, and more advanced courses like sampling theory and statistical theory.
- Beyond statistics, I teaching computer skills and have been involved in a wide variety of training programs across different ministries and organizations. These programs focused on topics like statistical software (SPSS, Minitab), data analysis, feasibility studies, scientific research, and academic development.

## Skills:

- Data Analysis and Modeling: ARIMA, Box-Jenkins, Time Series Analysis, Regression Analysis, Statistical Software
- Statistical Survey Design and Execution: Sampling Techniques, Questionnaire Design, Data Collection
- Research Methodology: Literature Review, Hypothesis Testing, Data Interpretation, Report Writing
- Teaching and Training: Curriculum Development, Course Design, Pedagogical Approaches
- Software: SPSS, Minitab, EViews, Stata, Word, Excel
- Languages: English (Fluent), Arabic (Fluent)

## Publications:

- Using Box-Jenkins Models to Predict Sesame Produce in the Ellobaied Crops Market (1960-2012)
- Use of time series to predict the production of gum arabic in the market of Ellobaied products for the period (1960 - 2012)
- Forecasting of Sudan Inflation Rates Using ARIMA Model
- Using ARIMA models to predict the production of major crops and their impact on inflation in Sudan
- Using ARIMA models to predict the series of price indices in Sudan
- Using Box-Jenkins models to predict the productivity Crops watermelon in the Ellobaied crop market
- Using the annual growth rate of exports palm from the Kingdom to the United States
- Measuring and analyzing the value exports of Saudi dates to Indonesia
- Create Arima Model Gross domestic product (GDP) at Current Price - Agriculture, Forestry & Fishing, Quarterly
- Model Gross domestic product (GDP) at Current Price Petroleum Refining 2010 – 2022
- Use Box-Jenkins Model in domestic product (GDP) at Current Price in KSA Electricity, Gas and Water
- Using ARIMA models, predicting the Construction GDP IN KSA – Predicting Model to the Wholesale & Retail Trade, Restaurants & hotels GDP IN KSA

## References

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