

# Academic Curriculum Vitae



## Personal Information:

Full Name: **Saman Hussein Mahmood**

Academic Title: Assistant Professor

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## Education:

- Salahaddin University - College of Administration and Economics (1992-1996)

Bachelor of Science in Statistics (B.Sc.)

- Salahaddin University - College of Administration and Economics (2000-2002)

Master of Science in Statistics (M.Sc.)

- Salahaddin University - College of Administration and Economics (2008-2012)

Doctoral of Science in Statistics(Ph.D)

## Employment:

- Assistant research in 1997: College of Administration and Economic

- Assistant lecturer in 2002: College of Administration and Economic/Statistics  
department

- Lecturer in 2012: College of Administration and Economic/Statistics department

- Assistant Prof. in 2017: College of Administration and Economic/Statistics department

## **Qualifications**

- Teaching qualifications
- IT qualifications
- Language qualification

## **Teaching experience:**

- Principles of Mathematics
- General Mathematics
- Advance Mathematics
- Mathematical Statistics
- Mathematics
- SPSS
- Differential Equation
- Sampling theory
- Applied Statistics
- Principles of Statistics
- Operation research
- Quality Control
- Regression
- Reliability
- Decision Theory
- Stochastic Process
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## **Research and publications**

- A Comparison results of factor analysis and cluster analysis to the migration of young people from the Kurdistan Region to Europe,2017, ZANCO Journal of Pure and Applied Sciences 29 (4), 44-55
- Using Proposed Hybrid method for neural networks and wavelet to estimate time series model Tikrit Journal of Administrative and Economic Sciences,2022, 18 (57, 3), 432-448
- Forecasting the amount of water consumed in Erbil City using time series model (SARIMA), Zanco Journal of Humanity Sciences,2019, 23 (6), 285-296
- Extended Kalman Filter of Training Feed Forward Artificial Neural Network , journal of kirkuk University For Administrative and Economic Sciences, 2012 , Vol 2, No 1, , 183- 201
- Estimating Models and Evaluating their Efficiency under Multicollinearity in Multiple Linear Regression: A Comparative Study,2024, Zanco Journal of Human Sciences 28 (5), 264-277
- Application of Elman Neural Network and SARIMA Model to Modeling Road Traffic Accident in the Kurdistan Region of Iraq, Iraqi Journal of Statistical Sciences,2023, 20 (2), 43-56
- Building SARIMA models to analysis and forecast time series data of road traffic accidents in the Kurdistan Region of Iraq, Zanco Journal of Human Sciences,2023, 27 (1), 382-393
- Comparison of Linear Discriminant Analysis and Artificial Neural Networks for Stroke patients Classification, University of Kirkuk Journal For Administrative and Economic Science,2023, vo 13 (2) , 208 -220
- Using Discriminant Analysis for Classification of Patient Status after Three Months from Brain Stroke, Zanco Journal of Humanity Sciences – Erbil,2020, 24 (2), 206-223
- Using Artificial Neural Network Model with Time Series Monthly Average Electricity Demand in Kurdistan Region, Zanco Journal of Humanity Sciences – Erbil,2016, 20 (6), 421-432

## **Conferences and courses attended**

- The Second International Conference on Administrative and financial Science in Cihan University Erbil Kurdistan Region (CIC-ADFIS' 1) held in 27-28/ June/2018)
- International Conference on Accounting, Business, Economics and Politics (ICABEP 2021) which was held on June 29-30, 2021, Erbil, KRI by Faculty of Administrative Sciences and Economics, Tishk International University, Salahaddin University- Erbil and University of Szczecin, Poland.

## **Professional memberships**

- Kurdistan Economists' Syndicate since 2006
- Member in STATISTICS Organization for Society Support (SOSS) in KRG (From 2021 – Till now).

## **Professional Social Network Accounts:**

[- https://www.researchgate.net/profile/Saman-Mahmood-5](https://www.researchgate.net/profile/Saman-Mahmood-5)

<https://scholar.google.com/citations?user=lfw2P00AAAAJ&hl=en>

<https://orcid.org/my-orcid?orcid=0009-0009-1485-6604>