

## **Dr. Dler Hussein Kadar**

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### **PERSONAL INFORMATION:**

**Nationality:** Iraqi

**Place of birth:** Erbil -Iraq

**Date of birth:** 12/10/1978

**Sex:** Male

**Marital Status:** Married

### **Academic Achievements**

-(2013 - 2018) PhD (**Bayesian Inference of Autoregressive Models**) University of Sheffield.

-(2012) University of Sheffield English Proficiency Test (USEPT) estimated IELTS 6.0

-(2005-2007) Msc Degree in (**Application of Bayesian Technique For Ala Pepsi Soft Drinks Company in Sampling Plan Design**) in statistics.

Evaluation: Very good again I was first student among my colleagues.

-(1999-2002) BSc. statistics in Salahaddin University College of Administration & Economics.

Evaluation: Excellent & I was first on the university (Scientific Departments).

### **Teaching Experience**

- (2018-2022) I lectured third class Mathematical Statistics.
- (2002-2005) Giving practical lectures College of Administration & Economics in the department of statistics in.
- (2007-2011) I lectured third class Mathematical Statistics.
- (2008) I lectured (second year student) Microsoft Access Program.
- (2008) I lectured (second year student) Microsoft Excel Program.
- (2008) giving lectures to (the first year student) College of Administration & Economics in the integration and differentiation.

- (2010) giving lectures in Technical Institute in Shaqlawa ( First Course: Principle of Statistics, Second Course: Financial Math)

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### **Job experience**

- (2010-2011) Director in Ministry of Higher Education& Scientific Research (Directory of Quality Control) .
- (2008-2009) Director in Ministry of Higher Education& Scientific Research (Directory of Evaluations) .
- (2007-2011) Lecturer ( in College of Administration & Economics- Department of Statistics.

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### **Conferences & Courses**

- (10-14 December, 2012) The Academy for Ph.D. Training in Statistics (APTS) modules (Statistical Inference & Statistical Computing) Cambridge M Univristy- UK.
- (15-19 April, 2013) The Academy for Ph.D. Training in Statistics (APTS) modules (Statistical Asymptotics &Statistical Modelling) Nottingham – UK.
- (29 July-2 Aug, 2013) The Academy for Ph.D. Training in Statistics (APTS) modules (Applied Stochastic Processes &Computer Intensive Statistics) Warwick –UK.
- (30-31 May 2013) conference about (Approximate Bayesian Computation-ABC ) in Rome-Italy.
- (Sep. 2011 – Aug 2012) English language course at (English Language Teaching Center-ELTC) University of Sheffield.
- (21-9-2004 to 23-2004) conferences in Skill Building for Managers and Supervisors Training program of USAID.Participating in Duhok-Iraq.
- 29 November 2010 GIS Day “Executive Track” Erbil-Iraq
- 30 November 2010 GIS Day “Security Track” Erbil-Iraq

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### ***Syndicates and memberships***

- (2009) Founder member in Kurdistan Economist Syndicate - in charge of the department of statistics in Erbil Branch.
- (2010) Founder member of Teachers' Union Syndicate.
- (2010) Quality Control Committee in universities of Kurdistan Region
- (2010) Committee for Renting dormitories for college students in 2009
- (2011) ISO coordinator in Ministry of Higher Education& Scientific Research

- (2011) Senior member of Quality Assurance Committee in Ministry of Higher Education &Scientific.
- Representative of Ministry of Higher Education &Scientific Research in UNISCO's programme Modernization of the Education Sector in Iraq

### **Computer Packages**

- Computer skills. Windows, Word, Access, Power point, Excel, Publisher, Photoshop,
- Statgraph, MathXpert, Matlab, R language program and LaTeX.

### **Language Skills**

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|------------------------|---------------|---------------------|
| -Kurdish Mother Tongue | -Arabic: Good | -English: Very Good |
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### **List of publications**

1. Likelihood approach for Bayesian logistic weighted model
2. Implementing Analysis of Ordinal Regression Model on Student's Feedback Response
3. Time Series Modeling to Forecast on Consuming Electricity: A case study Analysis of electrical consumption in Erbil City from 2014 to 2018
4. Statistical evaluation of main extraction parameters in twenty plant extracts for obtaining their optimum total phenolic content and its relation to antioxidant and antibacterial activities
5. An Application of Factor Analysis to Identify the Most Effective Reasons that University Students Hate to Read Books.
6. Relation of angiography to hematological, hormonal and some biochemical variables in coronary artery bypass graft patients
7. Comparison between two Estimators by Using Process Capability with Application
8. Comparison Between four Methods to Construction Number of Defectives Control Chart
9. Bayesian Inference of Autoregressive Models
10. Improving classification performance for a novel imbalanced medical dataset using SMOTE method

11. Lomax distribution and asymptotical ML estimations based on record values for probability density function and cumulative distribution function
  12. Some Investigations about the Properties of Maximum Likelihood Estimations Based on Lower Record Values for a Sub-Family of the Exponential Family
  13. An Eco-friendly nanocatalyst for removal of some poisonous environmental pollutions and statistically evaluation of its performance
  14. Numerical analysis and two-phase modeling of water Graphene Oxide nanofluid flow in the riser condensing tubes of the solar collector heat exchanger
  15. An Application of Logistic Regression Modeling to Predict Risk Factors for Bypass Graft Diagnosis in Erbil
  16. The Full Factorial Design Approach to Determine the Attitude of University Lecturers towards e-Learning and Online Teaching due to the COVID-19 Pandemic
  17. US Dollar/IQ Dinar Currency Exchange Rates Time Series Forecasting Using ARIMA Model
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