

HUDA HAKEM ALSHAMMARI

LECTURER | DATA ANALYST

Objective

University lecturer and certified data analyst with expertise in statistics and data analysis. Skilled trainer with diverse developmental experience, dedicated to enhancing outcomes, supporting academic and professional growth, and contributing to institutional excellence.

Education

- Jan-2024 **King Fahd University of Petroleum and Minerals (KFUPM)**
MASTER DEGREE IN APPLIED STATISTICS
Thesis: "An Investigation of Statistical Control Charting Schemes For Tracking Drifted Processes "
Advisor: Prof. Muhammad Riaz
- JULY-2010 **UNIVERSITY OF DAMMAM**
BACHELOR'S DEGREE IN MATHEMATICS

Experiences

- 2011-present **Northern Border University, Northern Border (NBU)**
LACTURER, Mathematics Department
- Taught number of Courses, an undergraduate course averaging 120 students per semester
 - Developed quizzes, exams, and homework
 - Revised the syllabus to meet accreditation standards
 - Coordinated grading and labs
- 2024-Present **Data Analyst member at JADO**
-collecting ,cleaning, organizing and visualizing different data.
- 2025-Present **Member and Rapporteur of the Public Relations and Media Committee**
-Contributing to strategic communication, event coordination, and institutional representation. (NBU)
- 2021-12 **COMPARATIVE ANALYSIS ON LOCATION CHARTS**
-Seminar at King Fahad University of Petroleum and Minerals (KFUPM)
- 2023-12 **On Surveillance Methods for Drifted Processes**
- Oral Presentation at the IEEE International Conference on Industrial Engineering and Engineering Management (IEEM)-SINGAPORE.
- 2024-8 **The Power of CUSUM in Monitoring Air Quality Processes and Maintenance Operations**
- Journal publications
- 2025 **On EWMA Control Charts Reliability for Normal and Non-Normal Distributed Monitoring Systems**
- Journal papers in review
- 2025-10 **A Resume That Creates Opportunities**
-On Campus Workshop at Northern Border University.

Computer Skills

Programming
Applications

R , Excel, Power Bi, Tableau, Python
Microsoft , Google and their platforms

Professional Training

May 2025
Apr 2025
Mar 2025
Dec 2024
Nov 2024
Aug 2024
July 2024
Nov 2023

Women In Data Science Workshop In KFUPM
SPARK-Starting Point for Data Analysis and Real Knowledge
Using AI in presenting content
Enterprise Design Thinking Partitioner
Data Analysis Fundamentals, IBM Skills Build
Data Analysis by Excel
Data Analysis by Power Bi
Professional Skills for Writing Theses and Scientific Research
Using Microsoft Word

Languages

English
Arabic

Advanced
Native language

References

Available upon Request