



النسخة العربية

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Enthusiastic about data and firm in the belief that everything is interconnected, I am driven by a continuous pursuit of learning, not merely to expand knowledge, but to diminish ignorance. My journey has taken me through diverse data-related and automation projects, from the "Freight Cost Estimator" initiative at Saudia Cargo to "Strategy Monitoring Dashboard" at KAU. In these roles, I engaged in data gathering, exploration, and analysis.

In 2012, I embarked on a journey to the UK to pursue my Ph.D. My thesis centered on the analysis of graph structures on Twitter, encompassing trending topics and their geographical spread, user participation in trending topics, and engagement and customer services.

Proficient in **Python**, **Excel**, **PowerBI**, **Gephi**, and **Vensim**, I leverage these tools for data gathering, cleaning, transformation, exploration, visualization, result communication, automation, and system dynamics modeling.

My technical expertise played a vital role in my recent roles at the Faculty of Law, where I served as both the Vice-Dean for Development and Vice-Dean for Graduate Studies and Research. These positions oversaw various units, including Quality and Academic Accreditation, Strategic Planning, HR Development, IT, Postgraduate Academic Affairs, Library, Scientific Research, Recruitment, and Postgraduate programs.

My administrative journey has fueled my passion to apply technical skills, particularly in data analysis, to facilitate optimal decision-making on personal and professional fronts.

Data-Related Projects

- [Strategy Monitoring Dashboard](#) (2025)
- [Academic Affairs Chatbot](#) (Faculties of IT/Law – 2023)
- [Ta'ziz Employment Platform](#) (Faculties of IT/Law - 2022)
- [Webometrics ® Analysis Tool](#) (KPC, KAU - 2020)
- [Retweet Manipulation on Twitter](#) (Faculty of IT - 2020)
- [Freight Cost Prediction Tool](#) (Saudia Cargo – 2008)

Workshops/Training (Given)

- [Business Intelligence with PowerBI](#) (BinLaden Co – 2025)
- [Introduction to Data Analysis](#) (KAU- Jan/2023)
- [Cloud Services for Admins](#) (KAU – Sept/2022)
- [Introduction to Data Science](#) (KAU – Mar/2021)

Training (Taken)

- [PMP](#) (PM tricks – Dec/2022)
- [Academic Quality Practitioner](#) (ETEC – Dec/2022)
- [Academic Quality Evaluator](#) (ETEC – Dec/2022)
- [Google Digital Leader](#) (Google Cloud – Nov/2022)
- [Internal Auditing](#) (DQA, KAU – Nov/2020)
- [ISO2001:2015](#) (DQA, KAU – Nov/2020)

**Our limits will remain
unknown until we
reach them**

Education

PhD, Computer Science	2013 – 2018	University of Bristol, Bristol, UK
MSc, Mobile and Pervasive Computing	2006 – 2007	Newcastle University, Newcastle, UK
BSc, Software Engineering	2002 – 2006	University of Hull, Hull, UK

Experiences

 Assistant Professor	2018/08 – present	Faculty of IT, KAU, Jeddah, KSA
 Consultant	2025/05 – present	Strategic Planning Center, KAU, Jeddah, KSA
Vice-Dean for Graduate Studies and Research	2023/01 – 2023/08	Faculty of Law, KAU, Jeddah, KSA
Vice-Dean for Development	2021/03 – 2023/08	Faculty of Law, KAU, Jeddah, KSA
Head of Planning and Digital Marketing Unit	2019/06 – 2021/05	KPC, KAU, Jeddah, KSA
Teaching Assistant	2016/02 – 2017/05	University of Bristol, Bristol, UK
Lecturer	2009/06 – 2013/10	Faculty of IT, KAU, Jeddah, KSA
Network Management Specialist	2009/10 – 2008/10	Saudia Cargo Co., Jeddah, KSA

Publications

2024	Scale based entropy measures and deep learning methods for analyzing the dynamical characteristics of cardiorespiratory control system in COVID-19 subjects during and after recovery https://doi.org/10.1016/j.combiomed.2024.108032
2024	Complexity Reduction of Oxygen Saturation Variability Signals in COVID-19 Patients: Implications for Cardiorespiratory Control https://doi.org/10.1016/j.jiph.2024.02.004
2023	Studying Dynamical Characteristics of Oxygen Saturation Variability Signals Using Haar Wavelet https://doi.org/10.3390/healthcare11162280
2022	An Attribute Extraction for Automated Malware Attack Classification and Detection Using Soft Computing Techniques https://doi.org/10.1155/2022/5061059
2022	Deep Learning Approaches for Prognosis of Automated Skin Disease https://doi.org/10.3390/life12030426
2018	Popularity and Geospatial Spread of Trends on Twitter: A Middle Eastern Case Study #Published #ICCCI_2018 #Bristol https://goo.gl/47nWg2
2018	An Evaluation of Performance and Competition in Customer Services on Twitter #UK Telecoms Case Study #Published #WWW_18 #Lyon https://goo.gl/K3zoXk
2017	“Come Together!”: Interactions of Language Networks and Multilingual Communities on Twitter #Published #ICCCI_2017 #Nicosia https://goo.gl/o8vjZD #Best_paper_award
2017	System Dynamics Approach to Malicious Insider Cyber-Threat Modelling and Analysis #Published #HCI_2017 #Vancouver https://goo.gl/SS3YGk