ZAHYAH ALHARBI

Saudi Arabia |zalharbi@ksu.edu| LinkedIn Profile

Highly skilled and motivated data science professional passionate about leveraging data-driven insights to drive business growth and innovation. Seeking a challenging role in a dynamic and collaborative environment where I can apply my expertise in data analysis, machine learning, and statistical modeling to contribute to the success and advancement of the organization.

CORE COMPETENCIES

Microsoft Office Suite (Word, Excel, PowerPoint, Power BI) • SQL Server • LaTeX • Weka • IBM APSS Modeller • MATLAB • Business Intelligence • Data Science & Analysis • Research • Data Mining • Project Management • Agile Transformation • Data Governance and Privacy

Languages: English (Professional Working) • Arabic (Native)

PROFESSIONAL WORK EXPERIENCE

King Saud University- Riyadh, Saudi Arabia

Assistant Professor- Management Information System Department	December 2018 – Present
Assistant of Vice Dean for Quality and Development	March 2020 – August 2022
Head of CBA Information Statistics Unit	December 2019 – December 2020
Lecturer	May 2013 – January 2019
Teaching Assistant	March 2010 – May 2013

- Currently serving as a committee member for the Executive Master's program in Business Data Analytics since January 2022.
- Demonstrated proficiency as a committee member for the Master of Science in E-business from January 2021 to December 2021.
- Achieved exceptional results employing advanced data science and data analysis skills to enhance academic outcomes.
- Spearheaded data-driven initiatives and successfully improved quality and development processes, showcasing a keen aptitude for leveraging data insights.
- Demonstrated exceptional leadership, effectively employing techniques to drive informed decision-making and optimize performance.
- Played a pivotal role, actively contributing to research and data-driven projects, laying the foundation for impactful contributions to the field of data science and analytics

Saudi Digital Academy- Riyadh, Saudi Arabia

Student Mentor at Data Scientist Bootcamp	August 2019 – November 2019

- Provided expert guidance and support to aspiring data scientists, resulting in accelerated learning and skill development among mentees.
- Delivered exceptional mentorship, tailoring individualized learning plans and providing valuable insights into data science concepts, methodologies, and best practices.
- Facilitated a collaborative and engaging learning environment, fostering a strong sense of community among participants and encouraging knowledge sharing and teamwork.

University of East Anglia- Norwich, United Kingdom

Teacher Assistant (Data Mining Course)	January 2015 – April 2015

- Facilitated engaging discussions and hands-on activities, fostering a dynamic learning environment that encouraged active participation and critical thinking among students.
- Demonstrated expertise in data mining principles, effectively guiding students in understanding complex concepts and their real-world applications.
- Fostered a dynamic and engaging learning environment, encouraging active participation and critical thinking among students during discussions and activities.

National Guard Health Affairs, Riyadh, Saudi Arabia

Programmer Analyst	April 2009 – October 2009

- Developed and implemented innovative data-driven solutions, optimizing processes and improving overall efficiency.
- Analyzed complex datasets and generated actionable insights to support data-driven decision-making across the organization.
- Received commendations for effectively translating business requirements into technical solutions and delivering high-quality results within tight deadlines.

EDUCATION & CERTIFICATION

University of East Anglia, Norwich, United Kingdom
- Doctor Of Philosophy in Computer Science (Data Mining–Information Management)   2014 - 2018

Northern Illinois University, Illinois, USA
- Master of Science in Management Information Systems   2011 - 2013

California Lutheran University, California, USA
- General English Language and Literature   2010 - 2011

King Saud University, Riyadh, Saudi Arabia
- Bachelor of Science in Information Technology   2004 - 2009

SELECTED HIGHLIGHTS

Academia Activities:
- Student Mentor at Student Mentor at Data Scientist Bootcamp (August 2019 - Present), Saudi Digital Academy, sponsored by the Ministry of Communications and Information Technology
- Participant at the Dawri Thakaa Hackathon (March 2019) sponsored by Saudi Federation for Cyber Security Programming & Drones

Teaching Experience:
- Taught business intelligence courses at Master's and Ph.D. levels, fostering a comprehensive understanding of data-driven decision-making processes.
- Conducted Data Mining courses at bachelor and Masters levels, equipping students with essential data analysis and pattern recognition skills.
- Instructed a customer relationship management course at the Masters level, facilitating students' ability to cultivate strong client relationships.
- Supervised numerous graduation projects in data science, guiding students through research and analysis processes.

Publication:
1- Predicting which students are at risk for poor performance using data mining techniques.
2- Conducted research on "The Impact of Web Analytics Tools on SMEs' Performance: The Case of Saudi Arabia," exploring the correlation between web analytics adoption and small and medium enterprises' success.
3- Assessed "The Impact of Data Governance on Decision Making in Saudi Arabia," investigating how effective data governance influences strategic decision-making processes.
4- Enhanced "Data Governance Framework for Data Privacy in Saudi Arabia," proposing measures to safeguard data privacy and security within the country.
5- Analyzed "Customer Satisfaction Towards Logistic Services During COVID-19 in Saudi Arabia," examining the changes in customer satisfaction during the pandemic.
6- Investigated "The Impact Before and After COVID-19 on the perceived trust of electronic payment in Saudi Arabia," studying the shifts in consumer trust in electronic payment methods amid the pandemic.
7- Conducted "Sentiment Analysis to Explore User Perception of Teleworking in Saudi Arabia," gauging public sentiment and attitudes towards remote work arrangements.
8- Explored "Areas of Improvements in IT Innovation Management in the Saudi Healthcare Sector Using the COBIT 2019 Framework," identifying opportunities to enhance IT innovation practices in the healthcare industry.
9- Conducted research on "Wearable devices for health and wellbeing: Design Insights from Twitter," extracting insights from social media data to improve wearable health technology design.
10- Studied "The Impact of Moving ERP Systems onto the Cloud," assessing the advantages and challenges of transitioning ERP systems to cloud-based platforms.
11- Conducted "Sentiment Analysis of Opinions Over Time Toward Saudi Women's Sports," tracking public sentiments and attitudes towards women's sports in Saudi Arabia.