Dr. Sara Mahmoud Sweidan

Assistant Professor | Data Scientist | Machine Learning Expert

Dr. Sara Mahmoud Sweidan is an Assistant Professor at Benha University and New Mansoura University, Egypt, with nearly 20 years of experience in artificial intelligence, machine learning, and data mining. She earned her PhD from Mansoura University, where she developed an intelligent clinical decision support system for diagnosing liver fibrosis in hepatitis C patients using hybrid fuzzy logic and semantic techniques.

Dr. Sweidan has extensive teaching experience across undergraduate and postgraduate computer science courses and has contributed significantly to curriculum development and training coordination. She has published numerous peer-reviewed articles on AI applications, including deep learning and medical informatics.

Her research and academic work focus on advancing intelligent healthcare and data science systems, supporting evidence-based decision-making and innovation.