Dr. Liz Wanless is an Associate Professor of Sport Analytics at Indiana University Indianapolis and Director of the Sports Innovation Institute, where she leads the development of AI-driven analytics solutions for the sports industry. An accomplished researcher and educator in sport analytics, she specializes in designing technical systems that transform complex data into actionable insights.

Her work sits at the intersection of artificial intelligence, data engineering, and sport business strategy. Wanless develops and deploys custom data pipelines, machine learning–informed analytics, and dashboarding tools using technologies such as Python, R, Tableau, and cloud platforms. She built and taught a sport analytics curriculum that integrates AI and advanced computational methods, preparing students to operate in modern data ecosystems.

Through the Sports Innovation Institute, she collaborates with professional sports organizations and industry partners to deliver applied AI solutions, from ticketing intelligence to performance and business analytics. Her research, published in leading journals and presented internationally, advances the use of artificial intelligence and quantitative methods in sport. Wanless is recognized for bridging technical innovation with real-world application, driving data-centric decision-making across the sports landscape.