

## **Submission for wamlm-kdd23: Philip Tannor | Deepchecks**

Title: Best Practices for Testing and Validating Machine Learning

### Abstract:

As machine learning (ML) model development in many companies has moved from the laboratory phase to the factory phase, understanding the intricacies of testing and validating ML models is vital. In this talk, we dive into the fundamental practices for ensuring the reliability and robustness of ML models using techniques and tools for testing & validating ML models.

Moreover, we will also share lessons learned from the development of the Deepchecks open-source library for ML testing, encapsulating the challenges and product insights we learned while interviewing users and learning about the practices of various teams. This presentation is intended as a peer-to-peer exchange, offering a balanced blend of theory and practice, ideal for managers wanting to oversee ML deployment in their organizations effectively.