

DATA SCIENCE INSTITUTE® AMERICAN COLLEGE OF RADIOLOGY

Standardizing Deployment of AI Algorithms

Neil Tenenholtz and Brian Bialecki ACR DSI Workgroup

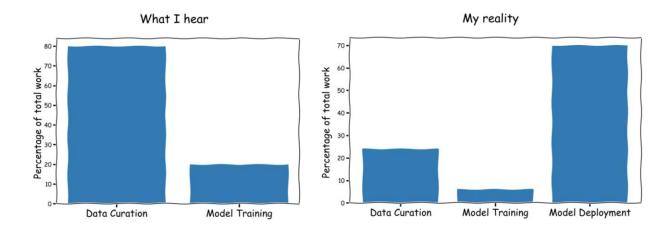
Disclosures

• Neil Tenenholtz is employed by Microsoft Research.





The Challenge of Deploying AI in Healthcare



by Felipe Kitamura





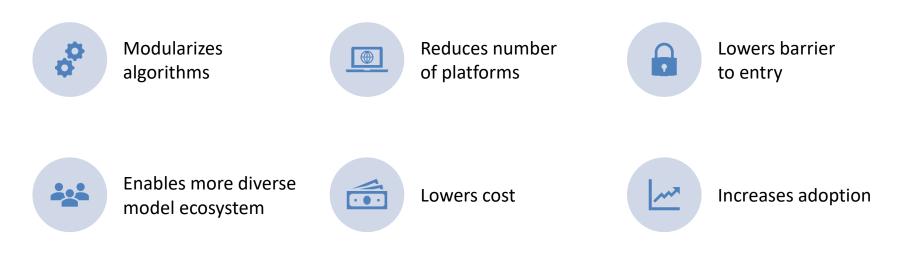
No Standards for Deploying AI Models in a Clinical Setting





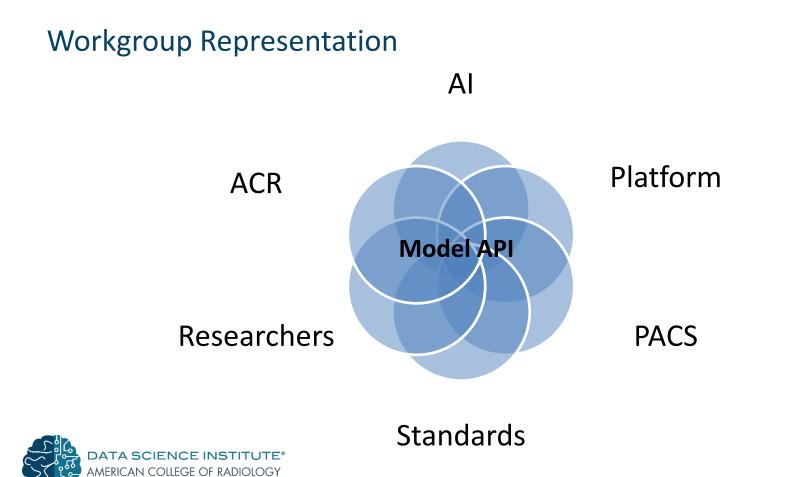


Standardizing Model Deployment and Communication











Relevance

• IHE

E

- AI Workflow for Imaging (AIW-I) profile
 - Proxy-based Inference
- DICOM
 - Al Service Discovery and Control
 - WG 23 ad hoc whitepaper
 - Work Item proposal





More Information on Usage



ACR Website for Public Comment



DICOM WG 23 whitepaper



Local Imaging Informatics Professional



Contact API WG members



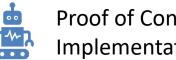






Reconcile Public Comment





Proof of Concept Implementation





