# The Medical Image De-Identification Initiative (MIDI)

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#### **Session 8 Panelists**

- Fred Prior, PhD University of Arkansas Medical Sciences
- Ben Kopchick, PhD Deloitte
- Ying Xiao, PhD University of Pennsylvania
- David Clunie, MBBS PixelMed Publishing

#### MIDI in Context

 Demands for sharing of medical images has grown substantially over the past several years.

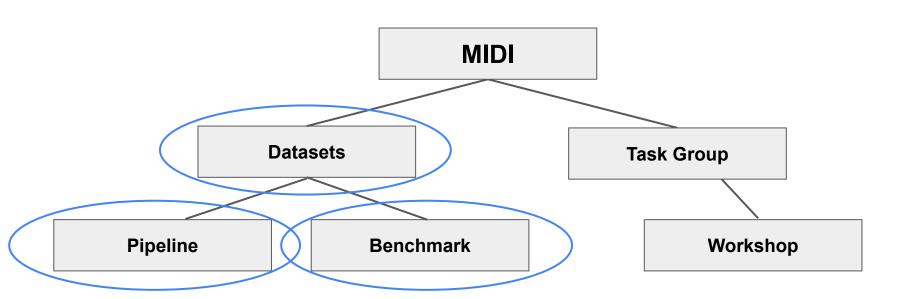
- Scalability and automation of image de-identification must be considered
- Furthermore, there's general lack of clarity about what level of de-identification is safe and acceptable.
- What are some possible solutions to scalability and automation?
- What are the guidelines on best practices for image de-identification for public repositories?

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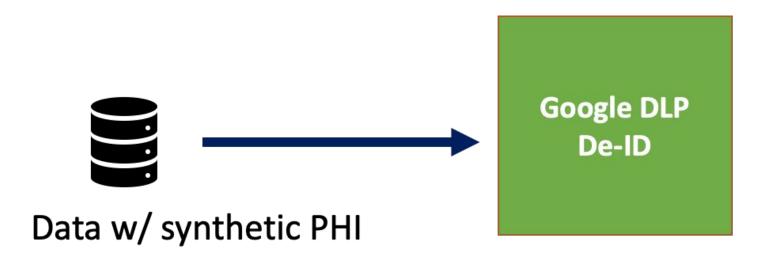
A series of interrelated projects to address the following needs:

- A scalable image de-identification solution, reference datasets
- Guidelines and best practices, and community engagement

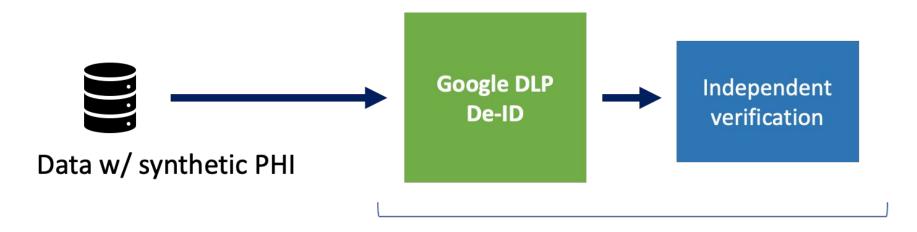
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### The MIDI Dataset and Pipeline: Phase 1

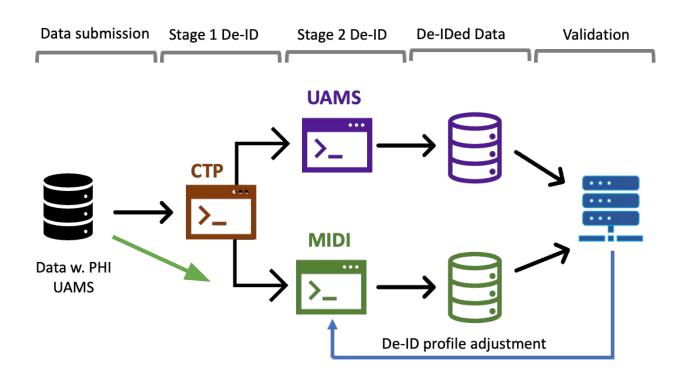


#### MIDI Pipeline: Phase 2



De-ID pipeline and performance evaluation

# MIDI Pipeline: Phase 3



## MIDI Benchmark Challenge

An opportunity to benchmark the performance of image delD tools against a diverse multi-site, multi-modality, reference dataset.



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