TripleBlind™

HEALTHCARE & LIFE SCIENCES

AI ALGORITHM TRAINING ON X-RAYS

THE CHALLENGES OF TRAINING AI ALGORITHMS ON X-RAYS

Getting quality data for training is expensive, time consuming, and legally fraught.

Business Associate Agreements (BAAs) are complex to negotiate.

Training data can be reverse engineered from AI models, exposing PII.

SUMMARY OF OUR SOLUTION

More quality data for training leads to more accurate models.

Easier HIPAA compliance – no more complex BAAs.

The TripleBlind Solution ensures that the original data cannot be reverse engineered.

Source images are obfuscated and encrypted for safety, privacy, and compliance.

EXAMPLE CUSTOMERS
Diagnostic AI Developers

DATA OWNER
Medical Imaging Centers

DATA USER
Hospitals, Diagnostic Centers, Nursing Homes, etc.

EXAMPLE DATA TYPE
X-Ray Image Data

REACH US

Connect with the TripleBlind team today!

www.tripleblind.ai

contact@tripleblind.ai

LEARN HOW WE DO IT ›

COMBINING DATA & ALGORITHMS WHILE PRESERVING PRIVACY & ENFORCING COMPLIANCE

Vast amounts of Healthcare and Life Sciences data stored by enterprises today are inaccessible and underutilized due to privacy concerns, operational complexity and regulations. TripleBlind unlocks the intellectual property value of data while automatically enforcing compliance with GDPR, HIPAA and other privacy regulations.

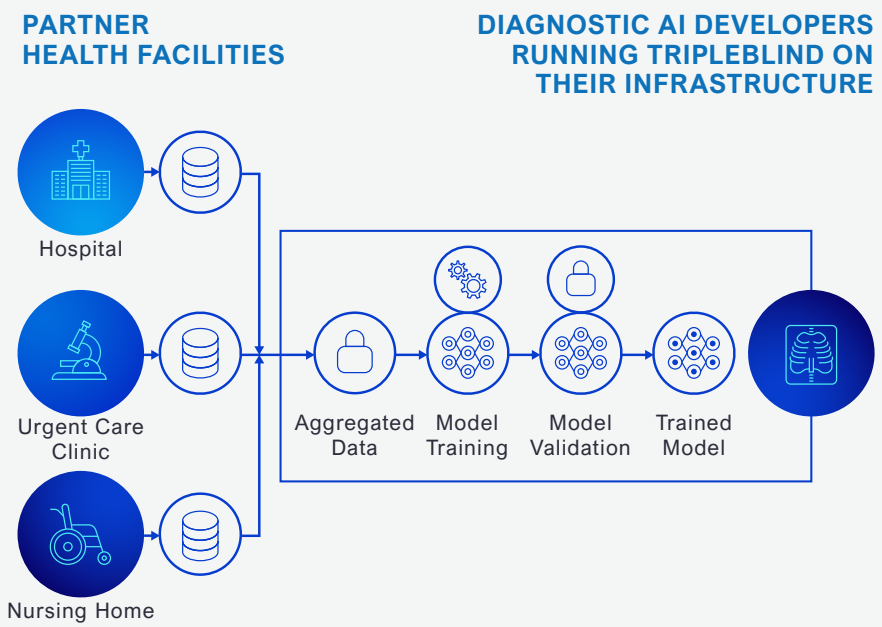
DIVERSE X-RAY TRAINING DATA MAKES BETTER MODELS

The current regulatory landscape makes collaboration with disparate siloed datasets difficult, time-consuming, and costly.

Diagnostic AI developers need a large volume of images in order to train and deliver highly accurate AI diagnostics.

Hospitals, diagnostic centers, and nursing homes, can leverage TripleBlind's privacy enhancing computation to collaborate with AI developers on the training of models.

Everyone benefits when privacy is used to enable collaboration.



DATA PRIVACY THAT IS SUPERIOR TO...

HOMOMORPHIC ENCRYPTION — We're orders of magnitude faster, more versatile, and scalable.

SECURE ENCLAVES (CONFIDENTIAL COMPUTE) — Our solution allows data decentralization and software updates, unlike hardware solutions.

TOKENIZATION — Higher accuracy with 100% data fidelity, no hashing or masking.

SYNTHETIC DATA — Private operations on real data preserve data relationships that are lost in synthetic data.

DIFFERENTIAL PRIVACY — We don't add noise to the dataset that would impair results.

FEDERATED LEARNING — Blind Learning has the highest privacy for training AI models, lowest computational and communication loads, and ensures that no party ever sees the entire model.

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