Diagrams

1. High-Level System Architecture Diagrams

These show overall components, integrations (e.g., with PACS), and data flows.

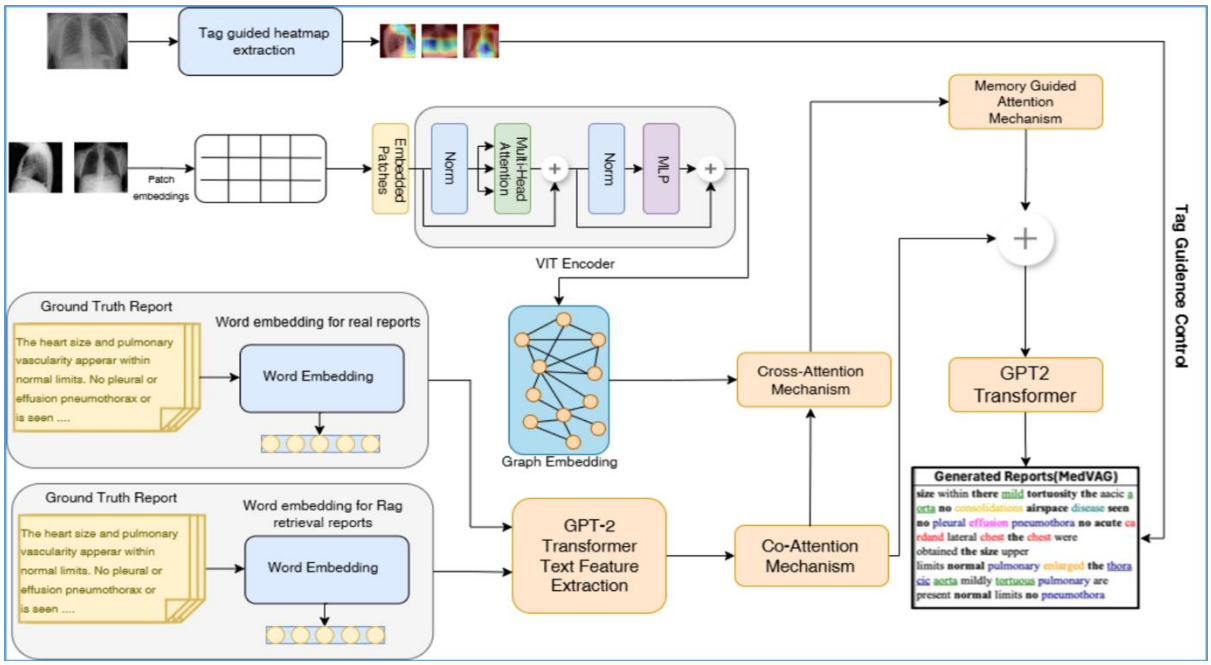

Figure 1: Vision attention-driven Language framework for medical report

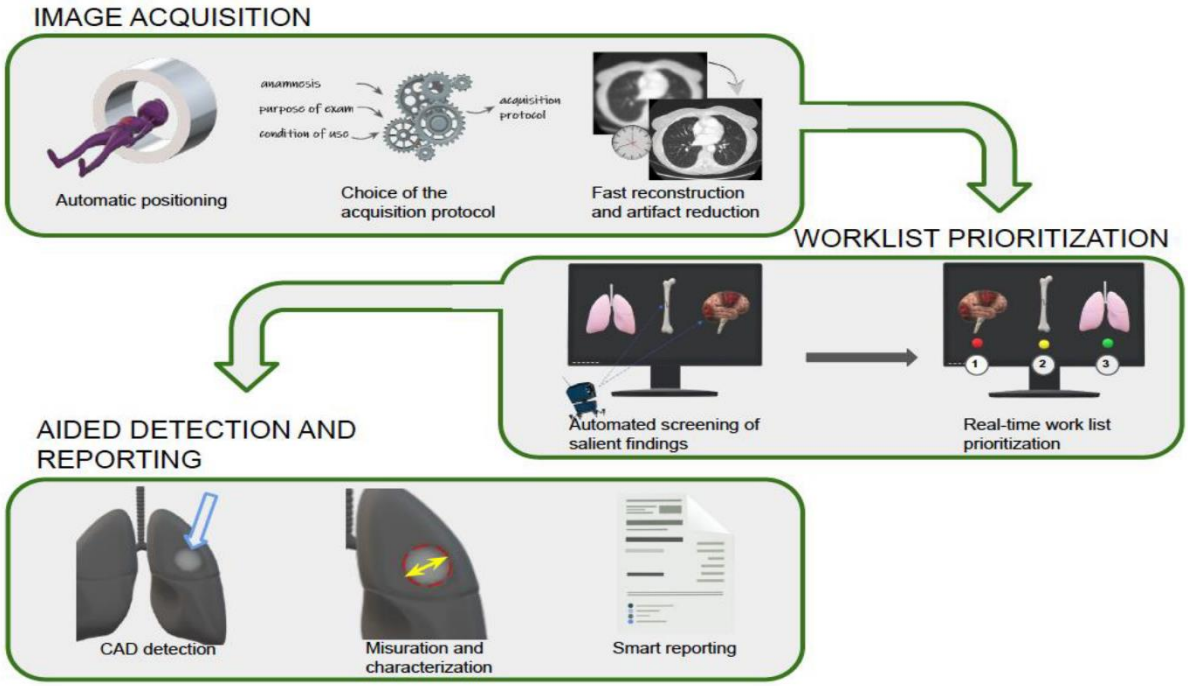

Figure 2: Artificial Intelligence in Emergency Radiology: Where Are We Going?

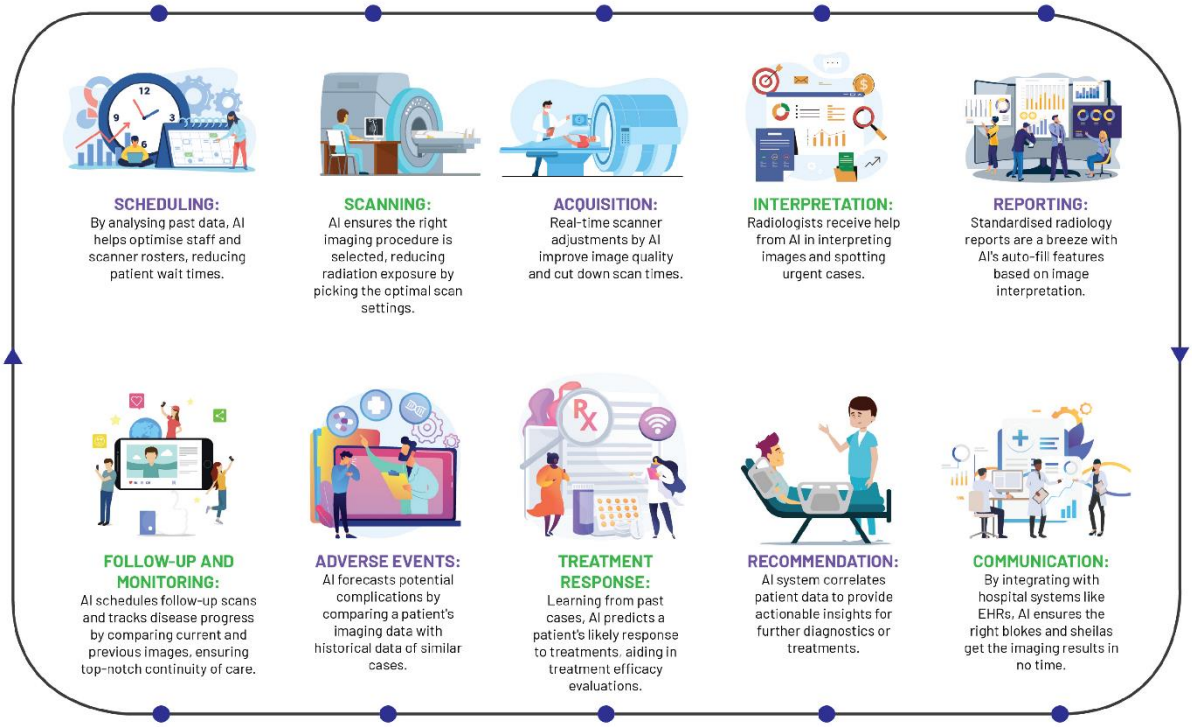

Figure 3: Redefining Radiology: A Review of Artificial Intelligence

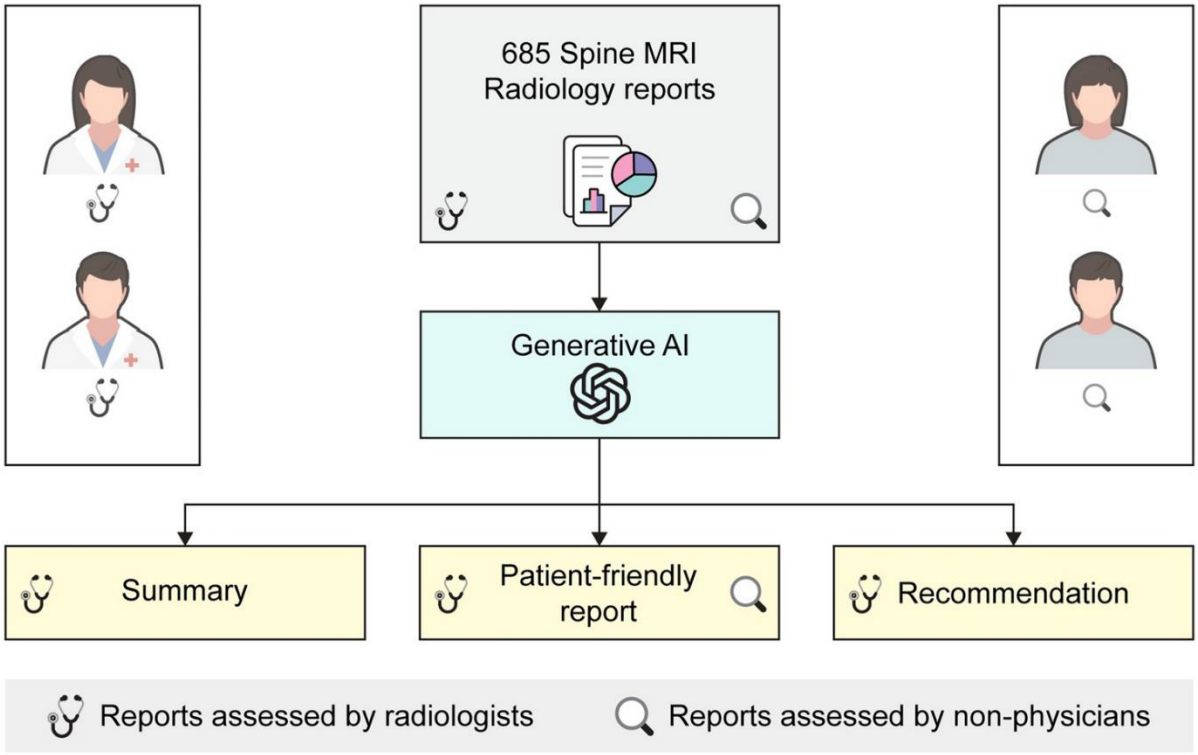

Figure 4: Patient-centered radiology reports with generative artificial

2. Detailed Pipeline Flowcharts

Focus on sequential steps: ingestion → anonymisation → AI analysis → drafting → review.

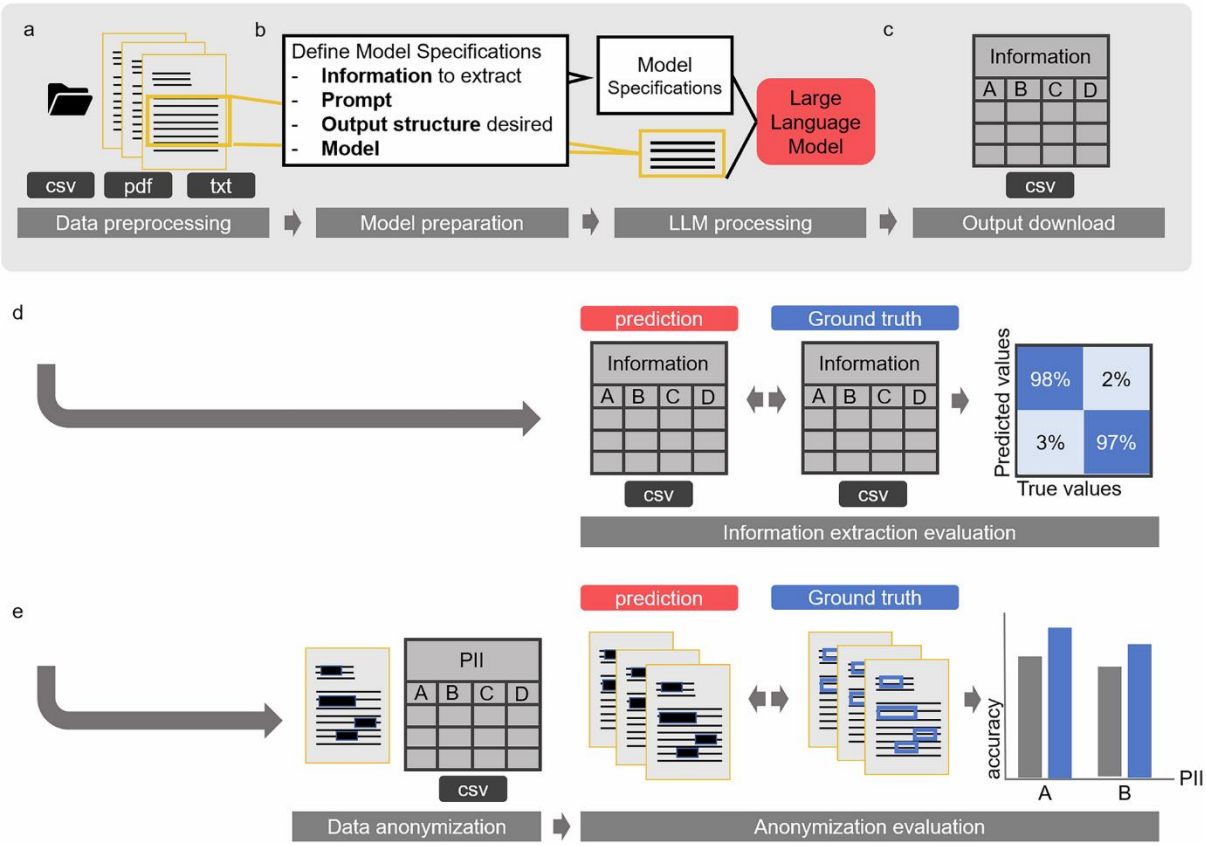

Figure 5: A software pipeline for medical information

3. Vision Transformer (ViT) Specific Architecture

Detail the model used in your AI Analysis Engine.

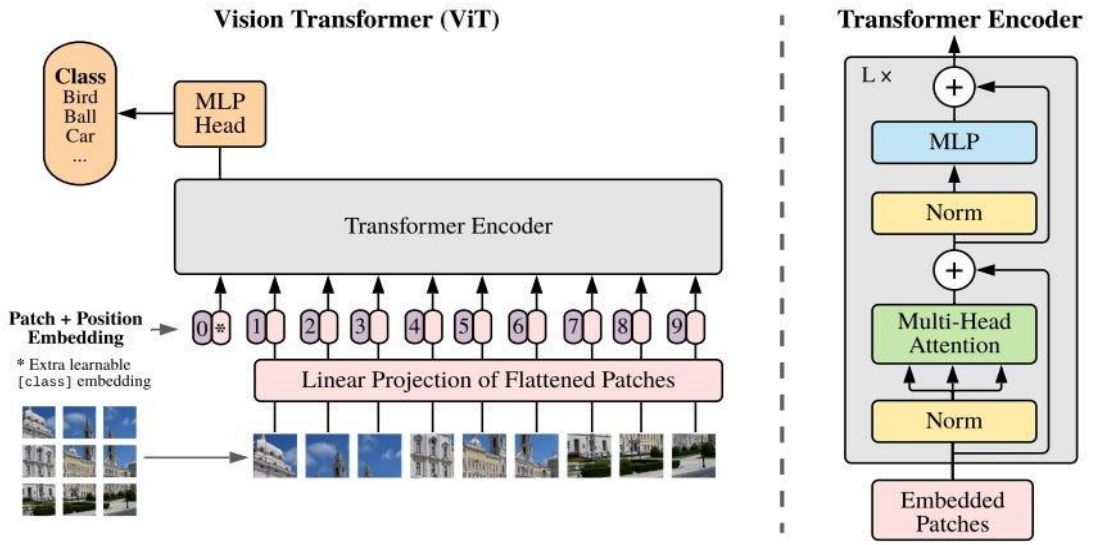

Figure 6: Vision Transformer for classification on medical images

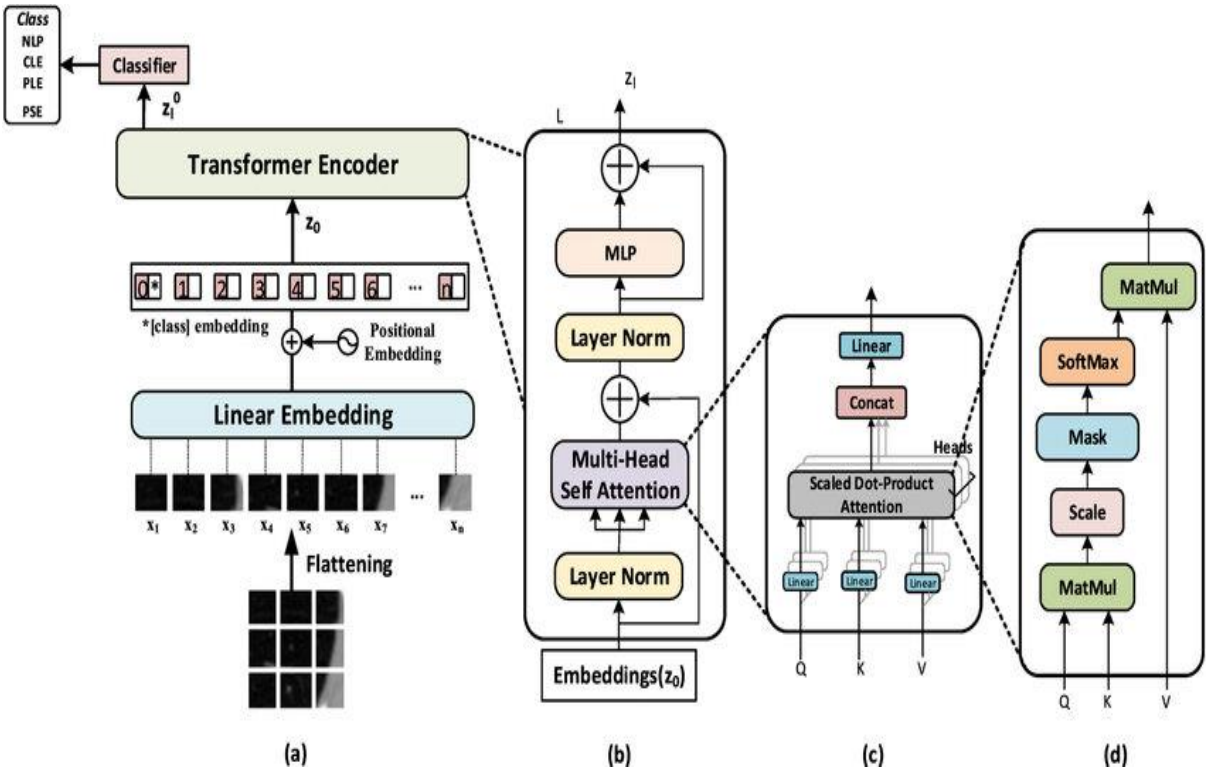

Figure 7: The vision transformer architecture

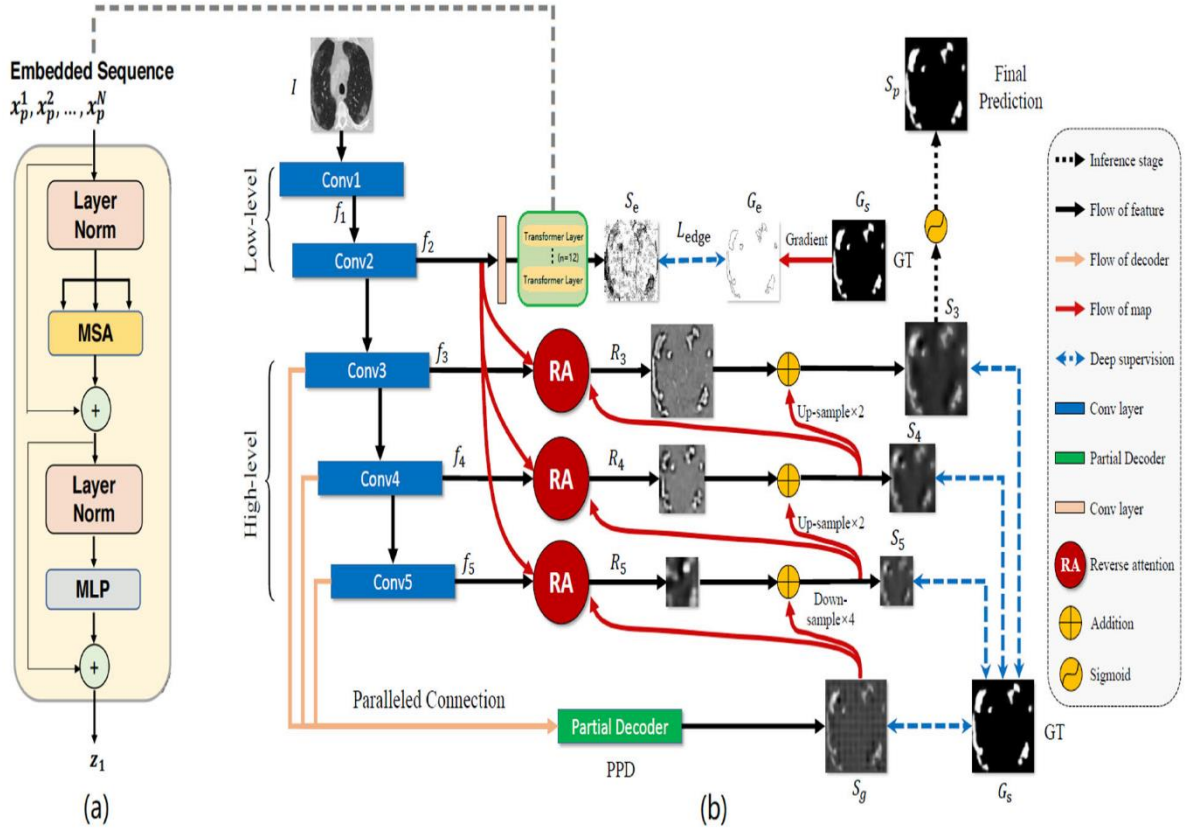

Figure 8: Automatic Medical Image Segmentation with Vision Transformer

4. Swimlane Flowcharts (Emphasizing Human-in-the-Loop)

These separate system vs. clinician roles, highlighting mandatory review.

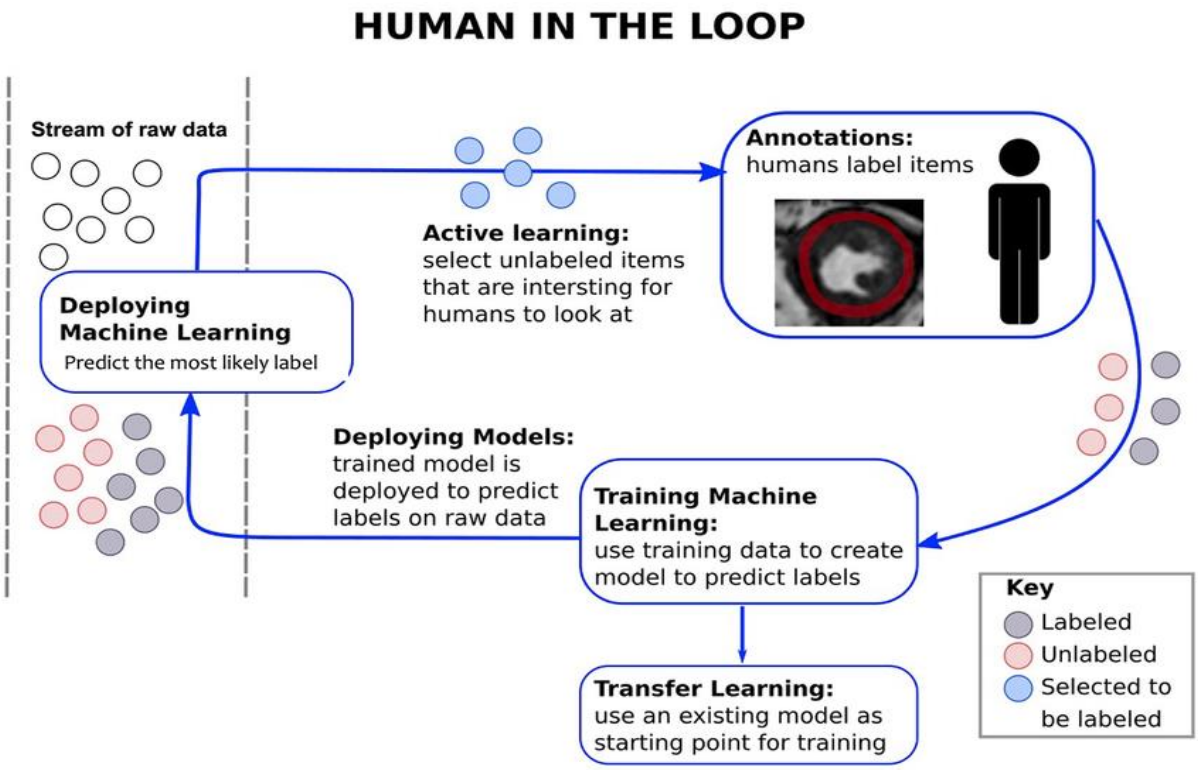

Figure 9: Diagram illustrates the implementation of an artificial

5. Deployment/Compliance Architecture

Show security, data governance (GDPR/MHRA).

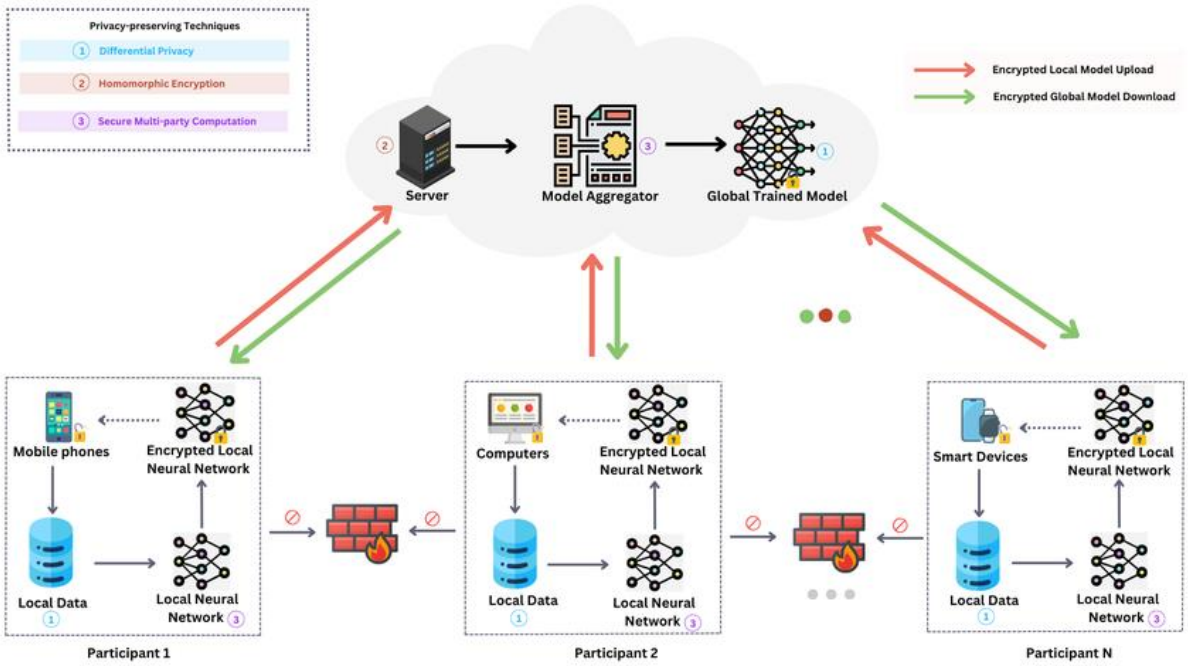

Figure 10: An Architecture diagram of GDPR-Compliant DFL-based Framework