Discussion Scenarios

Ethical Dilemma: Bias in AI Diagnosis

COMPLEX

Your AI system shows 95% accuracy overall but only 70% for minority populations. The hospital wants to deploy immediately due to staffing shortages.

? *What ethical principles guide your decision?*

⏱ 20 min

Regulatory Challenge: Cross-Border Data

MODERATE

Your AI needs training data from EU, US, and Asia. Each region has different privacy laws. How do you ensure compliance?

? *Design a compliant data strategy*

⏱ 15 min

Implementation: Resistance to Change

MODERATE

Senior physicians refuse to use the new AI system, citing trust issues. Junior staff are enthusiastic but lack authority.

? *Create a change management plan*

⏱ 15 min

Group Exercise: ROI Calculation

COLLABORATIVE

Calculate the 5-year ROI for an AI radiology system. Consider costs, benefits, and risks.

? *Teams present business case*

⏱ 30 min

Solution Development: Complete AI Governance Framework

ADVANCED

Design a comprehensive governance framework for a multi-site healthcare system implementing various AI tools. Address ethics committees, audit procedures, liability allocation, training requirements, and continuous improvement processes. Consider stakeholder engagement, regulatory compliance across jurisdictions, and long-term sustainability.

? *Develop full implementation roadmap with milestones and success metrics*

⏱ 45 min