

Beyond Intelligence:
Building Trustworthy and Ethical AI Systems





Quick Activity



What to Expect Today



Today, we'll dive into

- The AI Landscape
- Building Trust & Ethics in AI.
- Future Trends & Tools.



What is an ethical AI?



AI Today – The Gap



- 80% use AI



Smarter Models

- Only 1% mastered it



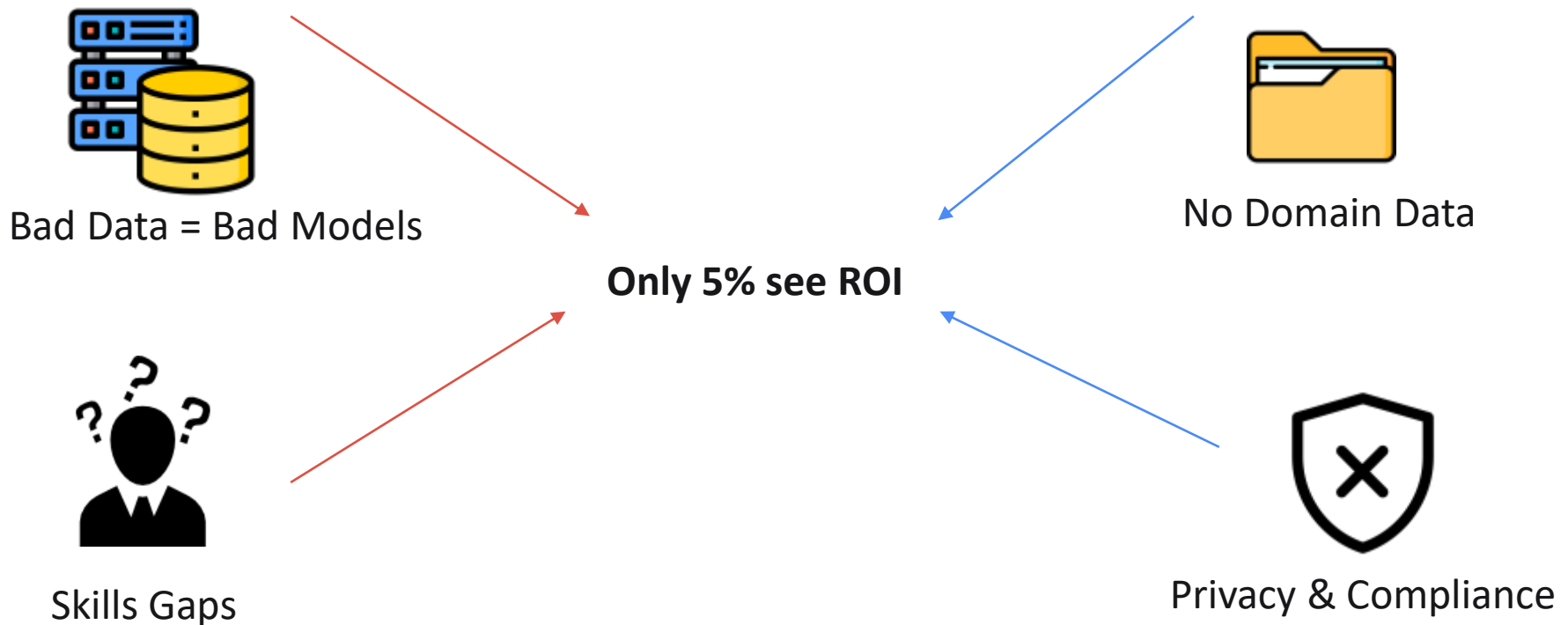
Agentic workflows

- \$4.4 trillion opportunity



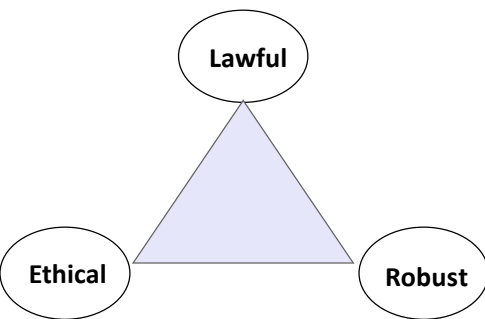
Trust Gap

Why Your AI Project Fails: Common Barriers



MIT Study (Aug 2025)

Trustworthy AI Framework



Why Projects Get Killed?



Can't explain decisions

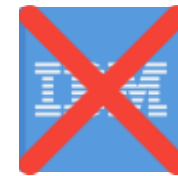


Legal blocks deployment



Users abandon features

Real Consequences



Quit Facial Recognition (2020)



Paused Police Use



Documentary on AI Bias

Why Companies Should Care



User Adoption



Trust = Revenue

Regulatory Penalties



€35M fines are real

Legal Costs



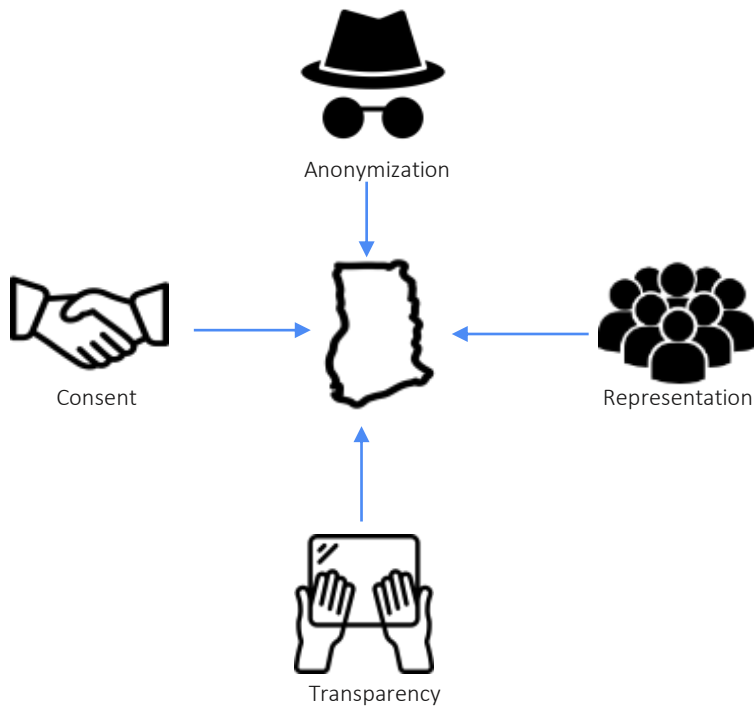
Bias lawsuits = \$Millions

Reputation Damage



Kills products overnight

Ethics In Ghana Context



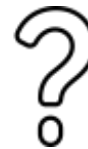
Why People Ignore This?



Pressure to ship fast



ROI over responsibility



Don't know how

EXPLAINABLE AI (XAI)



THE BLACK BOX PROBLEM



- ✗ Users don't trust
- ✗ Legal won't approve
- ✗ Can't debug

XAI Solution



Natural language explanations



Audit trails for compliance



Debug model behavior



Regulatory Frameworks + Accountability X



EU AI Act
€35M penalty
Risk classification



Accountability
AI Principles
Transparency



Ethics Guidelines
Human Rights
Impact Assessment



Humane Tech
Human Wellbeing
Attention Economy



AI Alliance
Open Innovation
Safe AI Development



Context



Data Protection Act 2012



No AI-specific regulation yet



Adopt frameworks proactively

WHO ENFORCES?

Data Protection Commission

PENALTIES?

Fines + imprisonment

REPORT?

dataprotection.org.gh

Operationalizing Ethics in Your Pipeline X



Human Oversight



Fairness



Transparency



Privacy



Safety



CI/CD



Accountability

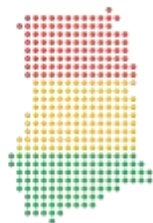
TOOLS + CALL TO ACTION



 OECD Policy Observatory

 ALTAI Checklist

 Readiness Assessment



Build AI Ghanaians Can Trust

- ☒ Test on diverse Ghanaian data
- ☒ Implement explainability day one
- ☒ Follow privacy best practices

Resources



Open-source Toolkits



Socials

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