SOEN 691 Project Topics

* Requirements engineering for AI-based Systems
* Bias Mitigation, Responsible AI, Ethical AI
* Design and Architecture of AI-based Systems
* Model Explainability, Transparency, and Trust
* Data Quality and Management
* Model Debugging, Diagnostics, and Verification & Validation
* Model Monitoring, Model Management, Model Decay, Data Drift
* Testing AI-based Systems
* LLM Applications in Engineering AI-based Systems
* Maintenance of AI-based Systems
* Human-AI Interaction and Human-centric Design