SYSTEM ARCHITECTURE AND PROCESSING FLOWCHART

MODEL INPUT	→	FRAMEWORK DETECTION	→	PARAMETER ANALYSIS
PyTorch (.pt, .pth)		Automatic Detection		Count: <1M = Low Risk
TensorFlow (.h5, .pb)		File Extension + Header		Count: 1M-100M = Medium
ONNX (.onnx)		Magic Number Check		Count: 100M-1B = High
scikit-learn (.pkl)		Object Inspection		Count: >1B = Very High
↓		↓		↓
BIAS DETECTION	→	EU AI ACT COMPLIANCE	→	NETHERLANDS COMPLIANCE
Demographic Parity		Article 5: Prohibited		BSN Pattern Detection
Equalized Odds		Articles 19-24: High-Risk		UAVG Validation
Calibration Score		Articles 51-55: GPAI		AP Authority Check
Individual Fairness		Penalty Calculation		Regional Multipliers
↓		↓		↓
RISK ASSESSMENT	→	REPORT GENERATION	→	COMPLIANCE CERTIFICATE
Overall Score: 0-100		PDF/HTML Output		Digital Verification
Risk Classification		Technical Documentation		Legal Framework
Penalty Estimation		Remediation Guide		AP Authority Stamp