

Model Card + Annex IV Technical Documentation

EU AI Act Art. 11 + HF Model Card spec ? one document, two regimes

Tenant: demo-tenant

Framework: EU AI Act + HF Model Card

Period: 2026-01-01 ? 2026-03-31

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Metrics

Models in scope: 6
GPAI threshold breached: 1
Training compute disclosed (FLOPs): 1.4e25
Carbon footprint (tCO2e): 312
Eval datasets cited: 14
Bias-evaluation datasets: 8
Adversarial robustness suites: 4
Card sections complete (of 9): 9

Model inventory

Six models registered; one crosses the EU AI Act GPAI threshold and additionally qualifies under Art. 51-56.

Record 1

id: MDL-001
name: GenAssist v3.2
params: 21B
use: Customer support drafting
gpai: false
risk tier: Limited

Record 2

id: MDL-014
name: FactCheck Core
params: 8B
use: Internal claim verification
gpai: false
risk tier: Limited

Record 3

id: MDL-021
name: Synthesise XL
params: 175B
use: Multilingual summarisation
gpai: true
risk tier: GPAI

Annex IV technical documentation coverage

Per Annex IV section, evidence linked + completeness.

Record 1

annex iv: ?1 General description
completeness: 100%
evidence count: 7

Record 2

annex iv: ?2 Design + development
completeness: 100%
evidence count: 14

Record 3

annex iv: ?3 Monitoring + operation
completeness: 100%
evidence count: 9

Record 4

annex iv: ?4 Validation + accuracy
completeness: 95%
evidence count: 11
gap: Robustness suite #4 pending sign-off

Record 5

annex iv: ?5 Risk-management
completeness: 100%
evidence count: 8

Record 6

annex iv: ?6 Post-market monitoring plan
completeness: 100%
evidence count: 5

HF Model Card sections (per HF_MODEL_CARD spec)

All 9 canonical fields present + cross-linked to Annex IV sections.

Record 1

field: intended_use
status: complete
crosswalk: Annex IV ?1

Record 2

field: limitations
status: complete
crosswalk: Annex IV ?1+?4

Record 3

field: training_data
status: complete
crosswalk: Annex IV ?2 + GDPR Art. 30

Record 4

field: bias_considerations
status: complete
crosswalk: Annex IV ?4 + FRIA ?3

Record 5

field: eval_results
status: complete
crosswalk: Annex IV ?4

Record 6

field: license
status: complete

Record 7

field: contact
status: complete

Record 8

field: compute_disclosure
status: complete
crosswalk: Annex IV ?2(g) ? GPAI

Record 9

field: carbon_footprint
status: complete

crosswalk: Annex IV ?2(g)