KYC-Rysk-Classifier

Project Status Report

Report Period: Week 1 - October 2025

Report Date: October 21, 2025

Project Phase: Initiation

Version: 1.0

● ON TRACK

1 Executive Summary

The KYC-Rysk-Classifier project is in the **very early initiation phase**. We've completed project scoping, stakeholder alignment, and initial tech stack selection. No development has begun; we're still gathering requirements and setting up the environment. The goal is to build an AI-powered risk classifier for KYC triage, reducing analyst workload by 50%.

OVERALL PROGRESS

10%

TIMELINE STATUS

Green

BUDGET STATUS

On Budget

TIME TO MVP

6-8 Weeks

10%

2 Project Overview

Purpose:
Quick AI triage for KYC risk (low/medium/high) using evidence text and policy-first approach

Scope:
Single/batch classification, audit logging, basic UI; no advanced ML or integrations yet

Deliverables:
API endpoints, UI application, containerized deployment on Hetzner

Project Milestones

Week 1
Requirements complete, repository setup

Week 2-3

API skeleton, model integration

○ **Week 4**
UI/API wiring, basic tests

○ **Week 5-6**
Deploy, audits, documentation

3 Current Status & Progress

ℹ **Overall Progress: 10% Complete (Initiated)**
No code has been written yet. Focus is on planning and environment preparation.

Key Activities This Week

- ✓ ~~Reviewed initial requirements document (functional/non-functional distilled from user needs)~~
- ✓ ~~Selected tech stack: Python/FastAPI + PyTorch for ML, HTML/JS for UI, Docker for deployment~~
- ✓ ~~Identified risks: Model availability (MiniLM dependency), regulatory compliance (PII handling)~~
- ✓ ~~Assumed environment: Hetzner hosting, local dev with Docker~~

Deliverable Status

REQUIREMENTS DOC
100%

REPOSITORY SETUP
50%

ENVIRONMENT SETUP
20%

CODE DEVELOPMENT
0%

4 Tasks Overview

Completed Tasks

- ✓ ~~Project scoping and stakeholder meeting (no issues)~~
- ✓ ~~High-level tech stack research (Python/FastAPI viable for CPU ML)~~

☑ ~~Initial README.md written~~

Upcoming Tasks

□ Setup development environment (install Python, Docker on local machine)

□ Scaffold repository structure (folders for API, UI, tests)

□ Define Pydantic models for API inputs/outputs

□ Research MiniLM implementation (ensure no GPU lock-in)

> **Next Week Focus:** Start coding API foundation and integrate basic ML model

5 Risks, Issues & Dependencies

Risk Register

RISK CATEGORY	DESCRIPTION	LEVEL	MITIGATION STRATEGY
Regulatory	PII exposure in logs	High	Plan redaction from day 1
Technical	PyTorch install issues on Windows	High	Use Docker/Linux base images
External	Dependence on OpenSanctions data	Medium	Assume public API availability

Open Issues

> ⚠ **No prototype yet:** Stakeholders need demo in Week 3. Timeline may be aggressive.

Dependencies

External:
MiniLM model download from Hugging Face
Internal:
Approval for Hetzner server access

Mitigation Plans

- Weekly check-ins with compliance for GDPR alignment
- Peer code reviews to catch early issues

6 Resource Utilization

TEAM ALLOCATION

100% Analyst

20% developer time allocated

BUDGET SPENT

€50

Hetzner trial, no overruns

TOOLS & INFRASTRUCTURE

VS Code, Git, Docker, GitHub

7 Next Steps & Timeline

Immediate Actions (This Week)

□ Finalize repository structure

□ Install dependencies on local machine

Mid-Term (Weeks 2-4)

- Build API skeleton with FastAPI
- Integrate classification logic with MiniLM
- Develop basic UI components

Key Milestones

● **EOW Week 1**
Requirements finalized ✓

● **EOW Week 2**
Working API endpoint

● **EOW Week 4**
UI wired, basic functionality

● **EOW Week 6**
MVP deployed to Hetzner

□ **Timeline Risks:** If PyTorch setup takes longer than expected, shift schedule by 1 week. Compliance review may delay deployment if not prioritized.

8 Sign-Off & Approval

This report is approved for distribution. Escalate immediately if any critical risks emerge (e.g., budget issues, resource constraints, compliance blockers). Next status report due in 1 week.

Project Manager

Date: ___________________

Team Lead

Date: ___________________

Next Report: October 28, 2025