**Dependency Details**

**Runtime Environment**

OS: Linux (Ubuntu)

CPU: Dual core or higher

RAM: Minimum 4 GB

Network: LAN access, outbound to SIEM/SOAR endpoints

**Bundled within Executables**

Python 3.11 runtime (via PyInstaller)

Core libraries: `psycopg2`, `requests`, `joblib`, `scikit-learn`, `pandas`, `numpy`, `statsmodels`, `kafka-python`

Internal modules:

kafka\_producer: (data producers)

kafka\_consumer.(data consumers, SIEM/SOAR connectors, helper functions)

ai\_models: (trained models for anomaly detection)

api\_server: (for UEBA Dashboard)

**External Dependencies**

PostgreSQL (local DB setup included in installer)

SIEM/SOAR endpoints (reachable via HTTP/HTTPS)

**Configuration File**

Contains endpoint mappings, event types, DB connection parameters.