**Unified Data Lake & Predictive Analytics Layer**

Builds an enterprise-wide decision-support system:

* **ETL/ELT Pipelines** from SAP, Salesforce, KoboToolbox, and third-party partner datasets.
* **Metadata Cataloguing and Data Stewardship**: Defined ownership, lineage, and data quality scoring.
* **Azure Synapse Analytics or SAP BW/4HANA** for multi-dimensional analytics (e.g., donor-specific ROI, regional beneficiary impact).
* **AI/ML Pipelines**: Predictive models for aid supply chain optimization, donor fatigue risk, or fraud detection.
* **Self-Service BI**: Dashboards using SAP Analytics Cloud, Power BI, or Tableau with donor access portals.