

Data Flow Diagram Guide — Full Workbook

Use with SVG/PNG diagram download

2 modules · Expand matching sections on DPOCertification.Org/resources

DFD layers & notation

Level 0 — Context

- Data principals (customers, employees, vendors)
- Your organisation as Data Fiduciary boundary
- External processors & regulators (DPB, CERT-In)

Level 1 — Processing stages

- Collection channels: app, web, branch, API, call centre
- Processing: CRM, core banking, data lake, ML pipeline
- Storage: primary DB, backups, cold archive, logs
- Disclosure: analytics, ads, credit bureaus, cloud regions

Audit questions per flow

Flow	Question	Evidence	Owner
App ' CRM	Lawful basis documented in ROPA?	ROPA PA-004	DPO
CRM ' US CDP	TIA completed for transfer?	TIA-2025-14	Legal
Logs ' SIEM	Retention aligned to policy?	Retention matrix	CISO