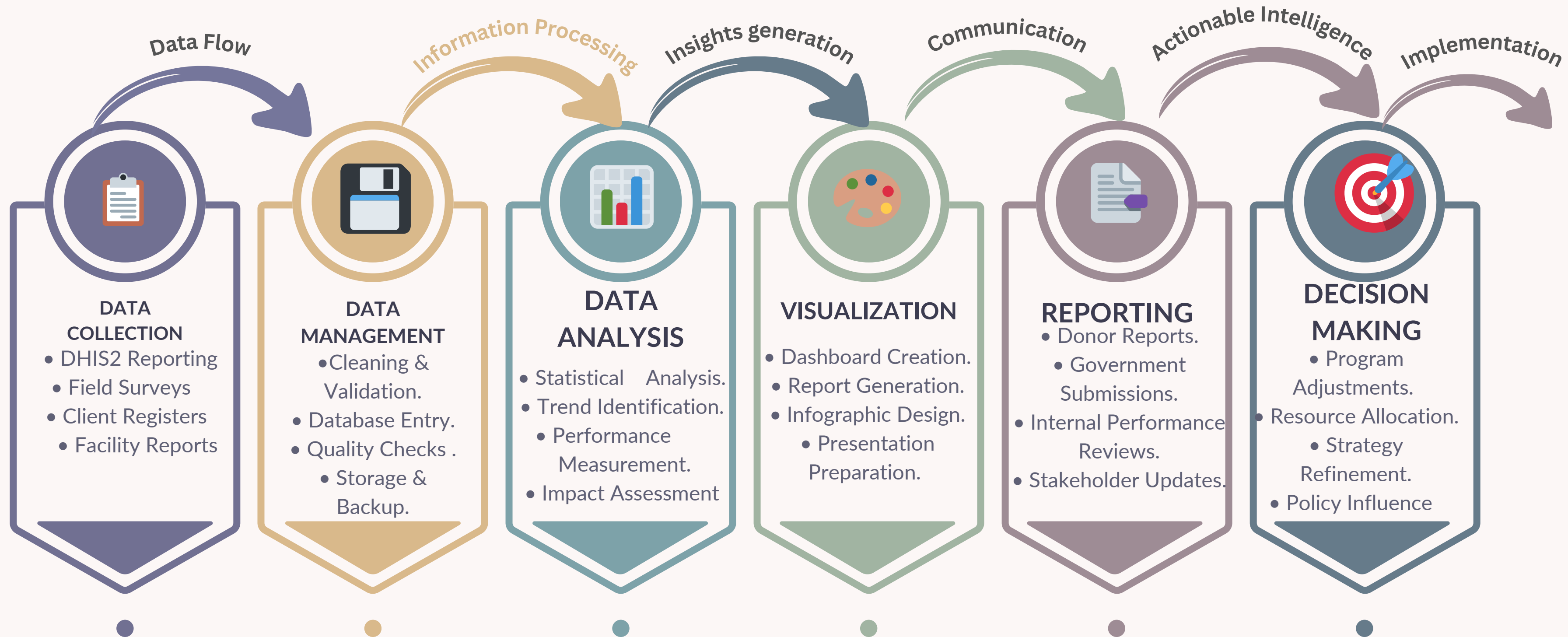# END-TO-END MONITORING & EVALUATION FRAMEWORK FROM DATA COLLECTION TO STRATEGIC DECISION-MAKING

Comprehensive System Overview | Designed by Ahmad Sadiq

AS ANALYTICS

Data Flow — **Information Processing** — **Insights generation** — **Communication** — **Actionable Intelligence** — **Implementation**

DATA COLLECTION
- DHIS2 Reporting
- Field Surveys
- Client Registers
- Facility Reports

DATA MANAGEMENT
- Cleaning & Validation.
- Database Entry.
- Quality Checks .
- Storage & Backup.

DATA ANALYSIS
- Statistical Analysis.
- Trend Identification.
- Performance Measurement.
- Impact Assessment

VISUALIZATION
- Dashboard Creation.
- Report Generation.
- Infographic Design.
- Presentation Preparation.

REPORTING
- Donor Reports.
- Government Submissions.
- Internal Performance Reviews.
- Stakeholder Updates.

DECISION MAKING
- Program Adjustments.
- Resource Allocation.
- Strategy Refinement.
- Policy Influence

Methodology: Based on PEPFAR M&E Framework & International Best Practices
Tools: DHIS2, Power BI, Excel, SQL | Contact: ahmadsadeeqm@gmail.com

DATA SOURCES SECTION

DATA INPUT SOURCES

Electronic Medical Records (LAMIS/OpenMRS) → **National Health Systems (DHIS2)** → **Field Collection Tools (KoboCollect, LamisLite)** → **Partner Reports (APPR Platform)** → **Government Databases** → **Survey Results**

Methodology: Based on PEPFAR M&E Framework & International Best Practices
Tools: DHIS2, Power BI, Excel, SQL | Contact: ahmadsadeeqm@gmail.com

AS ANALYTICS

KEY OUTPUTS SECTION

Strategic Outputs

Performance Dashboards

Quarterly/Annual Reports

Impact Assessment Studies

Policy Briefs

Training Materials

Data Quality Scorecards

AS ANALYTICS

QUALITY CONTROL SECTION

QUALITY ASSURANCE

Weekly Data Validation

Monthly DQA (Data Quality Assessment)

Quarterly Audits

Real-time Error Detection

Feedback Loops with Field Teams

AS
ANALYTICS