RBAC Policy

RBAC POLICY DOCUMENT

1. Purpose

  This policy defines Role-Based Access Control (RBAC) for the Library Data Warehouse.

2. Roles Defined

  - Admin Role: Full access to all database objects.

  - Analyst Role: Read-only access to reports and masked views.

  - Department Head Role: Access restricted to their department data only.

3. Permissions

  Admin:

    - SELECT, INSERT, UPDATE, DELETE, CREATE, DROP, ALTER on all database objects.

  Analyst:

    - SELECT only on all tables and masked views.

  Department Head:

    - SELECT only on department-specific views.

4. Data Protection

  Student IDs are masked for Analyst and Department Head roles using database views.

5. Compliance

  This policy supports confidentiality, integrity, and availability requirements.