**Data Flow:**

Beneficiary live Database

Files

Nightly batch process

Stage Database

Target Database

* Source (Beneficiary database) is live data base hence we are creating data extracts (Files) as a batch process without impacting live database.
* Load all files to Database tables with validations and filters.
* While loading data from Stage database to Target database apply business logic (Ex. Finding overlaps with new Beneficiary).
* New table beneficiary\_hirarchy this table will help in link all beneficiaries with the same or more than 80% biometric similarities (beneficiary\_hirarchy\_id , beneficiary\_id ,program\_Id)
* Target tables like Beneficiary, Area, Programs , beneficiary\_hirarchy, biometric\_score, Time/Date .

**Front-end visualization:**

This will prompt new window and display data each program and beneficiary count: Area and beneficiary counts

Overlap Beneficiary Reports area wise

Submit

Beneficiary overlap results display area

Overlap Beneficiary Reports Program wise

Program (Dropdown)

Area (Dropdown

Beneficiary Overlap tool

Beneficiary 1

Beneficiary 1