1. validation on email-------------->@ validation....domain validation
2. Notnull validation---id,name
3. Number validation(+91 code,10 number digit ,number should strt vth 7,8,9)
4. duplicate record detection
5. row count validation
6. check the datatype- Firstname and lastname should have same or more datasize and datatype.
7. Data Completeness Validation:

* Check if all expected data records have been successfully extracted from the source systems.
* Verify that no data is missing or incomplete during the extraction phase.

1. Data Integrity Validation:

* Ensure that foreign key relationships are valid and refer to existing records in related tables.
* Validate that primary keys are unique and not duplicated.

1. Data Type Validation:

* Check that data types match the expected types for each column.
* Verify that date fields contain valid date values, numeric fields contain numbers, etc.

1. Data Format Validation:

* Validate that data adheres to expected formats, such as email addresses, phone numbers, or postal codes.
* Use regular expressions or custom validation logic for format checks.

1. Data Uniqueness Validation:

* Detect and handle duplicate records.
* Ensure that no duplicate data is inserted into the destination.

1. Data Transformation Validation:

* Validate the correctness of data transformations and calculations during the ETL process.
* Compare transformed data with expected results.

1. Mandatory

identify all fields marked as Mandatory and validate if mandatory fields have values.