

Data Integrity

1. Description

Ensures that all ticket records are accurate, complete, and consistent.

2. Validation & Automation Steps

1. Mandatory Fields:

- Source, Destination, Number of Passengers, Journey Type, Mode of Payment → Required on both client and server side.

The screenshot shows a catalog form titled "QR Ticket Details". It contains several input fields and radio button groups. The fields are labeled with asterisks indicating they are mandatory:

- *Starting From? (Text input field)
- *Going To? (Text input field)
- *No of Passengers (Text input field)
- *Type of Journey (Radio button group):
 - None
 - Single Journey
 - Return Journey
- Amount for Single Journey (Text input field)
- Amount Including Return (Text input field)
- *Mode of Payment (Radio button group):
 - None
 - UPI
 - Card
 - Others

Figure 2.1: Mandatory Field Enforcement in Catalog Form

2. Auto-Populate Logic:

- Single or Return journey fares auto-calculated via catalog client script.
- Ensures correct amount based on number of passengers.

QR Ticket Details

* Starting From?

✖️ ▼

* Going To?

✖️ ▼

* No of Passengers

* Type of Journey

None
 Single Journey
 Return Journey

Amount for Single Journey

Amount Including Return

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to-Populate Fare Values between Stations

3. Field Mapping:

- Flow Designer maps catalog variables to Metro Database fields.
- Automated population prevents manual errors.

3. Outcome

- Guarantees all ticket data is complete and correct.
- Supports auditing and reporting requirements.
- Enhances user trust and operational efficiency.