

### **Phase 3: Data Modeling & Relationships**

**Objective:** To build the core data structure of the application.

#### **Key Activities & Outcomes:**

- 1. Architectural Pivot:** Due to significant challenges with the provided org's pre-configured data model on standard objects, a strategic decision was made to build a self-contained application. This involved creating a custom Loan Application object that also housed the customer's information, ensuring a clean and functional data model that could be delivered on time.
- 2. Custom Object Creation:** The primary custom object, Loan Application (Loan\_Application\_\_c), was created to store all loan-related data.
- 3. Custom Field Creation:** The following fields were added to the Loan Application object:
  - Customer First Name (Text)
  - Customer Last Name (Text)
  - Customer Email (Email)
  - Loan Amount (Currency)
  - Term (Months) (Number)
  - Status (Picklist)
  - Credit Score (Number)
  - Estimated EMI (Currency)

**Supporting Evidence:** Final Data Model in Schema Builder