

BOOK STORE

Functional Dependencies

Database: book_store

table: **books**

book_id → author, title, type_id, genre_id, ISBN, publication_date, publisher_id, series, pages, list_price
type_id → type_description
genre_id → genre_description
publisher_id → publisher_name, publisher_address1, publisher_address2, publisher_phone, publisher_url, publisher_email_address, publisher_postal_code, publisher_contact
publisher_postal_code → city, state

table: **book_type**

type_id → type_description

table: **book_genre**

genre_id → genre_description

table: **publishers**

publisher_id → publisher_name, publisher_address1, publisher_address2, publisher_phone, publisher_url, publisher_email_address, publisher_postal_code, publisher_contact
publisher_postal_code → city, state
publisher_contact → people_id
people_id → people_first_name, people_last_name, people_address1, people_address2, people_email_address, postal_code
postal_code → city, state

table: **postal**

postal_code → city, state

table: **people**

people_id → people_first_name, people_last_name, people_address1, people_address2, people_email_address, postal_code
postal_code → city, state

table: **people_phone**

people_id → people_phone_number, phone_type_id
phone_type_id → phone_type_description

table: **phone_type**

phone_type_id → phone_type_description

table: **members**

member_id → people_id, date_first_joined, date_last_renewal, date_membership_expires
people_id → people_first_name, people_last_name, people_address1, people_address2, people_email_address, postal_code
postal_code → city, state

table: **customers**

customer_id → people_id
people_id → people_first_name, people_last_name, people_address1, people_address2, people_email_address, postal_code
postal_code → city, state

table: **sales**

sale_id →

sale_date, book_id, customer_id, discount_applied

book_id → author, title, type_id, genre_id, ISBN, publication_date, publisher_id, series,
pages, list_price

type_id → type_description

genre_id → genre_description

publisher_id → publisher_name, publisher_address1, publisher_address2,
publisher_phone, publisher_url, publisher_email_address,
publisher_postal_code, publisher_contact

publisher_postal_code → city, state

customer_id → people_id

people_id → people_first_name, people_last_name, people_address1,
people_address2, people_email_address, postal_code

postal_code → city, state