

DSI SQL Assignment 2

Section 1: Logical Model

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CUSTOMER ADDRESS (Type 1)		
int	customer_id	PK
varchar	customer_first_name	
varchar	customer_last_name	
varchar	customer_address	
varchar	customer_city	
varchar	customer_country	
varchar	customer_postal_code	

CUSTOMER ADDRESS (Type 2)		
int	customer_sk	PK
int	address_version	
int	customer_id	FK
varchar	customer_first_name	
varchar	customer_last_name	
varchar	customer_address	
varchar	customer_city	
varchar	customer_country	
varchar	customer_postal_code	

CUSTOMER		
int	customer_id	PK
varchar	customer_first_name	
varchar	customer_last_name	
varchar	customer_email	
int	customer_phone	
boolean	loyalty_member	

BOOK		
int	product_id	PK
varchar	isbn	
varchar	title	
varchar	author_first_name	
varchar	author_last_name	
varchar	publisher	
date	publication_date	
number	price	
varchar	genre	
boolean	in_stock	

ORDER		
int	order_id	PK
int	customer_id	FK
int	employee_id	FK
int	product_id	
date	order_date	
decimal	order_amount	

DATE		
date	date	PK
int	year	
int	month	
nt	day	
int	day_of_week	
boolean	is_weekend	
boolean	is_holiday	
varchar	holiday_name	
int	week_number	
int	quarter	

SALES		
int	sale_id	PK
int	order_id	FK
date	payment_date	
decimal	amount_paid	
varchar	payment_method	

EMPLOYEE		
int	employee_id	PK
varchar	employee_first_name	
varchar	employee_last_name	
int	employee_phone	
varchar	employee_address	

EMPLOYEESHIFTS		
int	employee_id	CP
date	shift_date	CP
boolean	shift_morning	
boolean	shift_evening	

