

Customers						
<i>Attribute_Name</i>	<i>KEY</i>	<i>INDEX</i>	<i>Data Type & Size</i>	<i>Domains & Constraints</i>	<i>FK Reference</i>	<i>Description</i>
customer_id	PK		SERIAL			
first_name			VARCHAR(50)	NOT NULL		
last_name			VARCHAR(50)			
email			VARCHAR(100)	NOT NULL; UNIQUE		
phone_number			VARCHAR(20)	NOT NULL; UNIQUE		
customer_type			ENUM	NOT NULL		Like home,business or other

address_type						
<i>Attribute_Name</i>	<i>KEY</i>	<i>INDEX</i>	<i>Data Type & Size</i>	<i>Domains & Constraints</i>	<i>FK Reference</i>	<i>Description</i>
address_id	PK		SERIAL			
customer_id	FK		INT	NOT NULL	Customers.customer_id	
address_type			ENUM	NOT NULL		
street_address			TEXT	NOT NULL		
city			VARCHAR(50))	NOT NULL		
state			VARCHAR(50)			
post_code			CHAR(8)	NOT NULL		

Orders

<i>Attribute_Name</i>	<i>KEY</i>	<i>INDEX</i>	<i>Data Type & Size</i>	<i>Domains & Constraints</i>	<i>FK Reference</i>	<i>Description</i>
order_id	PK		SERIAL			
customer_id	FK		INT	NOT NULL	Customers.customer_id	
order_date			TIMESTAMP			
total_amount			DECIMAL(10,2))	NOT NULL		
status			ENUM			
priority_delivery			BOOLEAN			By default its FALSE

Customer_Feedback						
<i>Attribute_Name</i>	<i>KEY</i>	<i>INDEX</i>	<i>Data Type & Size</i>	<i>Domains & Constraints</i>	<i>FK Reference</i>	<i>Description</i>
feedback_id	PK		SERIAL			
customer_id	FK		INT	NOT NULL	Customers.customer_id	
order_id	FK		INT		Orders.order_id	
rating			DECIMAL(2,1)	CHECK(BETWEEN 1 AND 5)		
comments			VARCHAR(20)	TEXT		
feedback_date			ENUM	TIMESTAMP		

Products						
<i>Attribute_Name</i>	<i>KEY</i>	<i>INDEX</i>	<i>Data Type & Size</i>	<i>Domains & Constraints</i>	<i>FK Reference</i>	<i>Description</i>
product_id	PK		SERIAL			
product_name			VARCHAR(100)	NOT NULL		

price			DECIMAL(10,2)	NOT NULL		
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Order_Details						
Attribute_Name	KEY	INDEX	Data Type & Size	Domains & Constraints	FK Reference	Description
order_detail_id	PK		SERIAL			
order_id	FK		INT	NOT NULL	Orders.order_id	
product_id	FK		INT	NOT NULL	Products.product_id	
quantity			INT	NOT NULL		
price_at_order			DECIMAL(10,2)	NOT NULL		
subtotal			DECIMAL(10,2)	ALWAYS AS (quantity * price_at_order)		

Driver_status						
Attribute_Name	KEY	INDEX	Data Type & Size	Domains & Constraints	FK Reference	Description
driver_id	PK		SERIAL			
first_name			VARCHAR(50)	NOT NULL		
last_name			VARCHAR(50)	NOT NULL		
phone_number			VARCHAR(20)	NOT NULL; UNIQUE		
night_shift			BOOLEAN	DEFAULT FALSE		
driver_status			ENUM			

Vehicle_status						
<i>Attribute_Name</i>	<i>KEY</i>	<i>INDEX</i>	<i>Data Type & Size</i>	<i>Domains & Constraints</i>	<i>FK Reference</i>	<i>Description</i>
vehicle_id	PK		SERIAL			
license_no			VARCHAR(100)			
vehicle_type			VARCHAR(100)	NOT NULL		
vehicle_status			ENUM			

Driver_Vehicle						
<i>Attribute_Name</i>	<i>KEY</i>	<i>INDEX</i>	<i>Data Type & Size</i>	<i>Domains & Constraints</i>	<i>FK Reference</i>	<i>Description</i>
driver_vehicle_id	PK		SERIAL			
driver_id	FK		INT	NOT NULL	Drivers.driver_id	
vehicle_id	FK		INT	NOT NULL	Vehicles.vehicle_id	

Routes						
<i>Attribute_Name</i>	<i>KEY</i>	<i>INDEX</i>	<i>Data Type & Size</i>	<i>Domains & Constraints</i>	<i>FK Reference</i>	<i>Description</i>
route_id	PK		SERIAL			
destination_start_end			VARCHAR(100)	NOT NULL		
distance_km			INT			
fuel_cost_estimate			DECIMAL(10,2)	ALWAYS AS ((distance_km * 1.402) / 8)		

Shipment_status						
<i>Attribute_Name</i>	<i>KEY</i>	<i>INDEX</i>	<i>Data Type & Size</i>	<i>Domains & Constraints</i>	<i>FK Reference</i>	<i>Description</i>
shipment_id	PK		SERIAL			
driver_vehicle_id			INT	NOT NULL	Driver_Vehicle.driver_vehicle_id	
order_id			INT		Orders.order_id	
route_id			INT	NOT NULL	Routes.route_id	
status			ENUM	NOT NULL		

Incidents						
<i>Attribute_Name</i>	<i>KEY</i>	<i>INDEX</i>	<i>Data Type & Size</i>	<i>Domains & Constraints</i>	<i>FK Reference</i>	<i>Description</i>
incident_id	PK		SERIAL			
shipment_id	FK		INT		Shipments.shipment_id	
Shipment_type			ENUM			
resolution			TEXT			

SpecialCargoDetails						
<i>Attribute_Name</i>	<i>KEY</i>	<i>INDEX</i>	<i>Data Type & Size</i>	<i>Domains & Constraints</i>	<i>FK Reference</i>	<i>Description</i>
special_cargo_id	PK		SERIAL			
shipment_id	FK		INT		Shipments.shipment_id	
temperature_range			VARCHAR(20)			

hazardous_class			VARCHAR(50)			
security_required			BOOLEAN			