

ER-диаграмма: База данных ООО «Обувь»  
Система управления магазином обуви  
Дата: 04.02.2026

Легенда

- Primary Key (PK)
- Foreign Key (FK)
- Обычное поле

roles	
role_id	SERIAL PK
role_name	VARCHAR(100)
description	TEXT

users	
user_id	SERIAL PK
role_id	INT FK
full_name	VARCHAR(255)
login	VARCHAR(100)
password	VARCHAR(100)
created_at	TIMESTAMP

pickup_points	
pickup_point_id	SERIAL PK
address	VARCHAR(255)
postal_code	VARCHAR(10)
city	VARCHAR(100)
street	VARCHAR(100)
building	VARCHAR(10)

suppliers	
supplier_id	SERIAL PK
supplier_name	VARCHAR(100)
contact_info	TEXT

categories	
category_id	SERIAL PK
category_name	VARCHAR(100)
description	TEXT

manufacturers	
manufacturer_id	SERIAL PK
manufacturer_name	VARCHAR(100)
description	TEXT

orders	
order_id	SERIAL PK
order_number	VARCHAR(50)
user_id	INT FK
order_date	DATE
delivery_date	DATE
pickup_point_id	INT FK
pickup_code	VARCHAR(10)
order_status	VARCHAR(50)
created_at	TIMESTAMP
updated_at	TIMESTAMP

products	
product_id	SERIAL PK
article	VARCHAR(50)
product_name	VARCHAR(255)
unit_of_measure	VARCHAR(20)
price	DECIMAL(10,2)
supplier_id	INT FK
manufacturer_id	INT FK
category_id	INT FK
discount_percent	INT
quantity_in_stock	INT
description	TEXT
photo_filename	VARCHAR(255)
created_at	TIMESTAMP
updated_at	TIMESTAMP

order_items	
order_item_id	SERIAL PK
order_id	INT FK
product_id	INT FK
quantity	INT
price_at_order	DECIMAL(10,2)
discount_at_order	INT

