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| CREATE TABLE PartType (  parttype\_id SERIAL PRIMARY KEY,  type\_name VARCHAR(100) NOT NULL,  description TEXT  );  copy parttype FROM 'C:/tables/part\_types.csv' WITH (FORMAT csv, HEADER true, DELIMITER ',', ENCODING 'UTF8');  CREATE TABLE Supplier (  supplier\_id SERIAL PRIMARY KEY,  supplier\_name VARCHAR(100) NOT NULL,  phone VARCHAR(50),  reliability\_rating INT CHECK (reliability\_rating BETWEEN 1 AND 5),  email VARCHAR(50)  );  copy supplier FROM 'C:/tables/suppliers.csv' WITH (FORMAT csv, HEADER true, DELIMITER ',', ENCODING 'UTF8');  CREATE TABLE Part (  part\_id SERIAL PRIMARY KEY,  material VARCHAR(50) NOT NULL,  weight DECIMAL(10,2),  price DECIMAL(10,2) NOT NULL,  parttype\_id SERIAL REFERENCES PartType(parttype\_id),  quantity\_in\_stock INT NOT NULL,  supplier\_id SERIAL REFERENCES Supplier(supplier\_id),  min\_stock\_level INT DEFAULT 0,  is\_active BOOLEAN DEFAULT TRUE  );  copy part FROM 'C:/tables/parts.csv' WITH (FORMAT csv, HEADER true, DELIMITER ',', ENCODING 'UTF8');  CREATE TABLE Customer (  customer\_id SERIAL PRIMARY KEY,  customer\_name VARCHAR(100) NOT NULL,  city VARCHAR(50),  contact\_phone VARCHAR(50),  discount\_percent DECIMAL(2,2) DEFAULT 0,  email VARCHAR(50)  );  copy customer FROM 'C:/tables/customers.csv' WITH (FORMAT csv, HEADER true, DELIMITER ',', ENCODING 'UTF8');  CREATE TABLE Employee (  employee\_id SERIAL PRIMARY KEY,  first\_name VARCHAR(50) NOT NULL,  second\_name VARCHAR(50) NOT NULL,  last\_name VARCHAR(50) NOT NULL,  position VARCHAR(50),  hire\_date DATE,  age INT CHECK (age BETWEEN 18 AND 65)  );  copy employee FROM 'C:/tables/employees.csv' WITH (FORMAT csv, HEADER true, DELIMITER ',', ENCODING 'UTF8');  CREATE TABLE Invoice (  invoice\_id SERIAL PRIMARY KEY,  invoice\_date TIMESTAMP NOT NULL,  total\_amount DECIMAL(12,2) NOT NULL,  customer\_id SERIAL REFERENCES Customer(customer\_id),  employee\_id SERIAL REFERENCES Employee(employee\_id),  payment\_status VARCHAR(50) CHECK (payment\_status IN ('Оплачено', 'Неоплачено', 'Частично оплачено'))  );  copy invoice FROM 'C:/tables/invoices.csv' WITH (FORMAT csv, HEADER true, DELIMITER ',', ENCODING 'UTF8');  CREATE TABLE InvoiceLine (  invoiceline\_id SERIAL PRIMARY KEY,  invoice\_id SERIAL REFERENCES Invoice(invoice\_id),  part\_id INT REFERENCES Part(part\_id),  quantity INT NOT NULL CHECK (quantity > 0),  unit\_price DECIMAL(10,2) NOT NULL,  line\_total DECIMAL(12,2) NOT NULL  );  copy invoiceline FROM 'C:/tables/invoice\_lines.csv' WITH (FORMAT csv, HEADER true, DELIMITER ',', ENCODING 'UTF8');  -- Индексы для улучшения производительности  CREATE INDEX idx\_partpart\_type ON Part(parttype\_id);  CREATE INDEX idx\_part\_supplier ON Part(supplier\_id);  CREATE INDEX idx\_invoice\_customer ON Invoice(customer\_id);  CREATE INDEX idx\_invoice\_employee ON Invoice(employee\_id);  CREATE INDEX idx\_invoice\_date ON Invoice(invoice\_date);  CREATE INDEX idx\_invoiceline\_part ON InvoiceLine(part\_id);  CREATE INDEX idx\_invoiceline\_invoice ON InvoiceLine(invoice\_id); |