



נפתלי בר גיורא - 208243840

איתמר פוזיילוב - 305426082

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שלב 1**תיאור המערכת:**

המערכת מנהלת מסד נתונים עבור חנות מסחר מקוונת. היא כוללת ניהול של ספקים, לקוחות, מוצרים, מחלקות, הזמנות, פרטי הזמנה, ביקורות, והקשרים ביניהם. המערכת מאפשרת מעקב אחר מכירת פריטים, ביצוע הזמנות, משוב מלקוחות, ופרטי הספקים שמספקים את המוצרים.

**הישויות בבסיס הנתונים:****1. ספקים Suppliers**

- suppliers\_id ○
- suppliers\_name ○
- phone ○
- address ○

**2. מחלקות מוצרים Departments**

- departments\_id ○
- departments\_name ○
- information ○

**3. פרטי הזמנה OrderDetails**

- order\_id ○
- tracking\_number ○
- order\_status ○
- delivery\_method ○

**4. לקוחות Customers**

- customer\_id ○
- customer\_name ○
- email ○
- phone ○
- address ○

**5. מוצרים Items**

- Items\_id ○
- Items\_name ○
- status ○
- price ○
- departments\_id ○
- stock ○
- available\_date ○

#### 6. הזמנות Order

- order\_id ○
- order\_date ○
- customer\_id ○

#### 7. ביקורות Feedbacks

- feedbacks\_id ○
- rating ○
- comment\_text ○
- feedbacks\_date ○
- Items\_id ○
- customer\_id ○

#### 8. מכירה sell

- suppliers\_id ○
- Items\_id ○

#### 9. פריטים בהזמנה OrderItems

- order\_id ○
- Items\_id ○
- Quantity ○

**קשרים בין הישויות השונות:****מחלקות ומוצרים - Departments and Items**

- מערכת יחסים של **אחד לרבים** (one-to-many)
  - כל מחלקה יכולה להכיל מספר פריטים, אך כל פריט שייך למחלקה אחת בלבד
  - מיושם על ידי מפתח זר departments\_id בטבלת Items שמפנה ל-Departments
- 

**לקוחות והזמנות - Customers and Order**

- מערכת יחסים של **אחד לרבים** (one-to-many)
  - לקוח יכול לבצע מספר הזמנות, אך כל הזמנה משויכת ללקוח אחד בלבד
  - מיושם על ידי מפתח זר customer\_id בטבלת Order שמפנה ל-Customers
- 

**פרטי הזמנה והזמנה - OrderDetails and Order**

- OrderDetails היא **ישות חלשה** של "Order"
  - מערכת יחסים של **אחד לאחד** (one-to-one)
  - כל רשומת פרטי הזמנה שייכת להזמנה אחת בלבד
  - מיושם על ידי מפתח זר order\_id שהוא גם מפתח ראשי בטבלת OrderDetails
- 

**מוצרים וביקורות - Items and Feedbacks**

- מערכת יחסים של **אחד לרבים** (one-to-many)
  - כל פריט (Items) יכול לקבל מספר ביקורות (Feedbacks), אך כל ביקורת שייכת לפריט אחד בלבד
  - מיושם על ידי מפתח זר Items\_id בטבלת Feedbacks
- 

**לקוחות וביקורות - Customers and Feedbacks**

- מערכת יחסים של **אחד לרבים** (one-to-many)
  - לקוח יכול לכתוב מספר ביקורות, אך כל ביקורת שייכת ללקוח אחד בלבד
  - מיושם על ידי מפתח זר customer\_id בטבלת Feedbacks
-

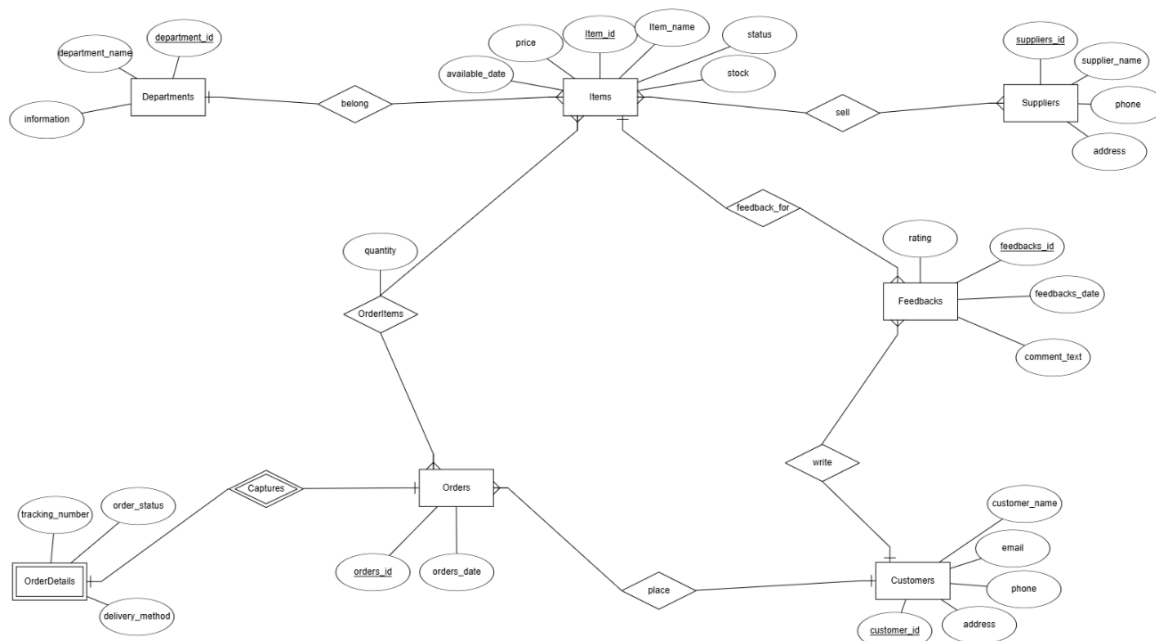
### ספקים ומוצרים דרך Suppliers and Items

- מערכת יחסים של **רבים לרבים** (many-to-many)
- כל ספק יכול למכור מספר פריטים, וכל פריט יכול להימכר על ידי מספר ספקים
- מיושם דרך טבלת הצומת sell עם suppliers\_id ו-items\_id כמפתח ראשי

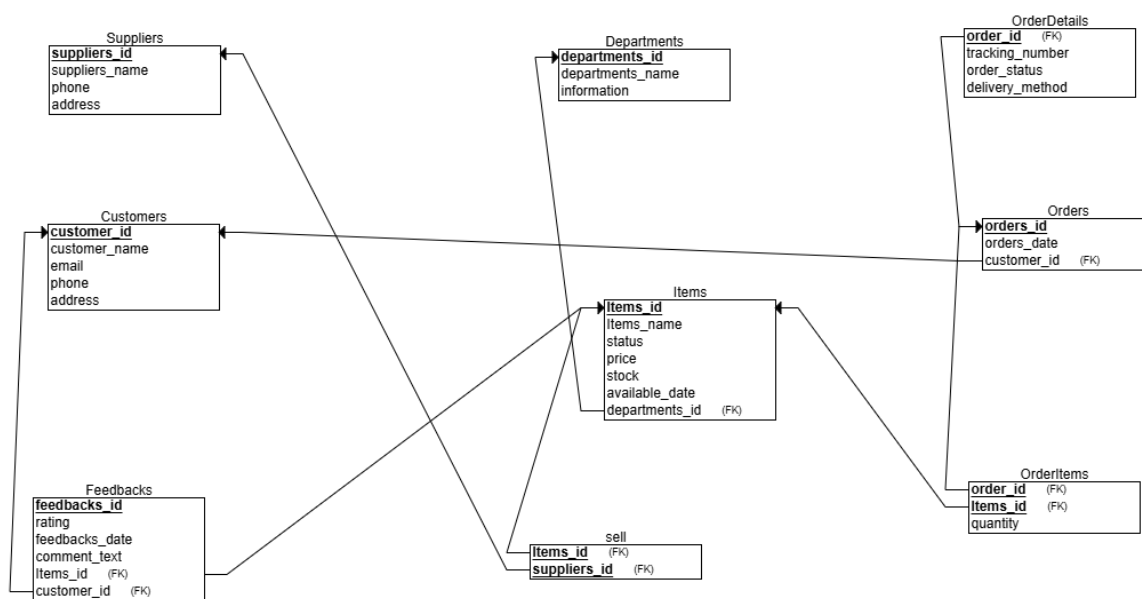
### Orders and Items (הזמנות ומוצרים דרך OrderItems):

- מערכת יחסים של **רבים לרבים** (many-to-many)
- הזמנה יכולה לכלול מספר פריטים, וכל פריט יכול להופיע במספר הזמנות שונות
- מיושם דרך טבלת OrderItems שמכילה את order\_id, items\_id ו-quantity כל שורה מייצגת מוצר מסוים בהזמנה מסוימת

## ERD של בסיס הנתונים:



## DSD של בסיס הנתונים:



יצירת הטבלאות:

```

1  CREATE TABLE Suppliers (
2      suppliers_id NUMERIC(10) NOT NULL,
3      suppliers_name VARCHAR(100) NOT NULL,
4      phone VARCHAR(20) NOT NULL,
5      address VARCHAR(200) NOT NULL,
6      PRIMARY KEY (suppliers_id)
7  );
8
9  CREATE TABLE Departments (
10     departments_id NUMERIC(9) NOT NULL,
11     departments_name VARCHAR(35) NOT NULL,
12     information VARCHAR(50) NOT NULL,
13     PRIMARY KEY (departments_id)
14 );
15
16 CREATE TABLE Customers (
17     customer_name VARCHAR(200) NOT NULL,
18     email VARCHAR(255) NOT NULL,
19     phone VARCHAR(20) NOT NULL,
20     address VARCHAR(200) NOT NULL,
21     customer_id NUMERIC(9) NOT NULL,
22     PRIMARY KEY (customer_id)
23 );
24
25 CREATE TABLE Items (
26     Items_id NUMERIC(9) NOT NULL,
27     Items_name VARCHAR(200) NOT NULL,
28     status VARCHAR(20) NOT NULL,
29     price NUMERIC(10,2) NOT NULL,
30     stock INT NOT NULL,
31     available_date DATE NOT NULL,
32     departments_id NUMERIC(9) NOT NULL,
33     PRIMARY KEY (Items_id),
34     FOREIGN KEY (departments_id) REFERENCES Departments(departments_id)
35 );
36
37 CREATE TABLE Orders (
38     orders_date DATE NOT NULL,
39     orders_id INT NOT NULL,
40     customer_id NUMERIC(9) NOT NULL,
41     PRIMARY KEY (orders_id),
42     FOREIGN KEY (customer_id) REFERENCES Customers(customer_id)
43 );
44

```



```

44
45 ✓ CREATE TABLE Feedbacks (
46     rating NUMERIC(10,1) NOT NULL,
47     feedbacks_id INT NOT NULL,
48     feedbacks_date DATE NOT NULL,
49     comment_text VARCHAR(2000) NOT NULL,
50     Items_id NUMERIC(9) NOT NULL,
51     customer_id NUMERIC(9) NOT NULL,
52     PRIMARY KEY (feedbacks_id),
53     FOREIGN KEY (Items_id) REFERENCES Items(Items_id),
54     FOREIGN KEY (customer_id) REFERENCES Customers(customer_id)
55 );
56
57 ✓ CREATE TABLE sell (
58     Items_id NUMERIC(9) NOT NULL,
59     suppliers_id NUMERIC(10) NOT NULL,
60     PRIMARY KEY (Items_id, suppliers_id),
61     FOREIGN KEY (Items_id) REFERENCES Items(Items_id),
62     FOREIGN KEY (suppliers_id) REFERENCES Suppliers(suppliers_id)
63 );
64
65 ✓ CREATE TABLE OrderItems (
66     quantity INT NOT NULL,
67     order_id INT NOT NULL,
68     Items_id NUMERIC(9) NOT NULL,
69     PRIMARY KEY (order_id, Items_id),
70     FOREIGN KEY (order_id) REFERENCES Orders(orders_id),
71     FOREIGN KEY (Items_id) REFERENCES Items(Items_id)
72 );
73
74 ✓ CREATE TABLE OrderDetails (
75     tracking_number VARCHAR(20) NOT NULL,
76     order_status VARCHAR(20) NOT NULL,
77     delivery_method VARCHAR(20) NOT NULL,
78     order_id INT NOT NULL,
79     PRIMARY KEY (order_id),
80     FOREIGN KEY (order_id) REFERENCES Orders(orders_id)
81 );
82

```

## מחיקת הטבלאות:

Dashboard × createTable.sql × dropTables.sql × ir

mydatabase/ytosss@PostgreSQL Server

📁 ▼ 📁 ▼ ✎ ▼ 🔍 ▼ No limit ▼ 🛑 ▶

Query Query History

1	DROP TABLE IF EXISTS OrderDetails CASCADE;
2	DROP TABLE IF EXISTS OrderItems CASCADE;
3	DROP TABLE IF EXISTS Feedbacks CASCADE;
4	DROP TABLE IF EXISTS sell CASCADE;
5	DROP TABLE IF EXISTS Orders CASCADE;
6	DROP TABLE IF EXISTS Items CASCADE;
7	DROP TABLE IF EXISTS Customers CASCADE;
8	DROP TABLE IF EXISTS Departments CASCADE;
9	DROP TABLE IF EXISTS Suppliers CASCADE;
10	

## הכנסת הנתונים:

### עם פעולת Insert:

```

Dashboard x createTable.sql x dropTables.sql x insertTables.sql x public.customers/... x
mydatabase/ytosss@PostgreSQL Server
No limit
Query Query History
1  -- Insert into Suppliers
2  INSERT INTO Suppliers VALUES (1, 'Supplier One', '123-456-7890', '1 Supplier St');
3  INSERT INTO Suppliers VALUES (2, 'Supplier Two', '987-654-3210', '2 Supplier Ave');
4  INSERT INTO Suppliers VALUES (3, 'Supplier Three', '555-123-4567', '3 Supplier Blvd');
5
6  -- Insert into Departments
7  INSERT INTO Departments VALUES (1, 'Electronics', 'Electronic gadgets');
8  INSERT INTO Departments VALUES (2, 'Books', 'Printed and e-books');
9  INSERT INTO Departments VALUES (3, 'Furniture', 'Home and office');
10
11 -- Insert into Customers
12 INSERT INTO Customers VALUES ('Customer A', 'a@example.com', '111-222-3333', '1 Main St', 1);
13 INSERT INTO Customers VALUES ('Customer B', 'b@example.com', '444-555-6666', '2 Oak Rd', 2);
14 INSERT INTO Customers VALUES ('Customer C', 'c@example.com', '777-888-9999', '3 Pine Ln', 3);
15
16 -- Insert into Items
17 INSERT INTO Items VALUES (1, 'Laptop', 'Available', 999.99, 10, '2024-01-01', 1);
18 INSERT INTO Items VALUES (2, 'Novel', 'Available', 25.50, 50, '2024-01-10', 2);
19 INSERT INTO Items VALUES (3, 'Desk', 'In stock', 199.90, 5, '2024-01-15', 3);
20
21 -- Insert into Orders
22 INSERT INTO Orders VALUES ('2024-01-05', 1, 1);
23 INSERT INTO Orders VALUES ('2024-01-06', 2, 2);
24 INSERT INTO Orders VALUES ('2024-01-07', 3, 3);
25
26 -- Insert into Feedbacks
27 INSERT INTO Feedbacks VALUES (4.5, 1, '2024-01-10', 'Great laptop!', 1, 1);
28 INSERT INTO Feedbacks VALUES (3.0, 2, '2024-01-12', 'Nice but pricey', 2, 2);
29 INSERT INTO Feedbacks VALUES (5.0, 3, '2024-01-15', 'Perfect desk', 3, 3);
30
31 -- Insert into sell
32 INSERT INTO sell VALUES (1, 1);
33 INSERT INTO sell VALUES (2, 1);
34 INSERT INTO sell VALUES (3, 2);
35
36 -- Insert into OrderItems
37 INSERT INTO OrderItems VALUES (1, 1, 1);
38 INSERT INTO OrderItems VALUES (2, 2, 2);
39 INSERT INTO OrderItems VALUES (1, 3, 3);
40
41 -- Insert into OrderDetails
42 INSERT INTO OrderDetails VALUES ('TRK123', 'Shipped', 'Standard', 1);
43 INSERT INTO OrderDetails VALUES ('TRK456', 'Processing', 'Express', 2);
44 INSERT INTO OrderDetails VALUES ('TRK789', 'Delivered', 'Standard', 3);
45

```

## פקודות SELECT לקבלת הנתונים:

Query	Query History
1	SELECT * FROM Suppliers;
2	SELECT * FROM Departments;
3	SELECT * FROM Customers;
4	SELECT * FROM Items;
5	SELECT * FROM Orders;
6	SELECT * FROM Feedbacks;
7	SELECT * FROM sell;
8	SELECT * FROM OrderItems;
9	SELECT * FROM OrderDetails;
10	

## העלאת נתונים בcsv:

**pgAdmin** File Object Tools Help ytoass@gm

Object Explorer

- Operators
- Procedures
- Sequences
- Tables (9)
  - customer
  - columns
  - constraints
  - indexes
  - RLS Policies
  - Rules
  - Triggers
  - departments
  - feedback
  - items
  - orderdetails
  - orders

**Import/Export data - table 'customers'**

General Options Columns

Import/Export

Filename

Format

Encoding

Data Output Messages Notifications



Showing rows: 1 to 400 Page No: 1 of 1

	customer_name character varying (200)	email character varying (255)	phone character varying (20)	address character varying (200)	customer_id [PK] numeric (9)
1	Brandon Russell	grayanna@christian-moore.com	+1-532-061-9610	01220 Pruitt Ports Suite 470, Matthewfort, PA 84224	1
2	Rhonda Stewart	ocohen@hotmail.com	+1-786-580-2174x255	769 Smith Radial, Port Courtneytown, MI 30533	2
3	Jonathan Holloway	victoria38@hooper-hernandez.net	670.027.3045x466	511 Merritt Underpass, Jonesfurt, MD 34912	3
4	Amanda Hoffman	andrew26@gmail.com	001-253-108-6842x465	129 Reynolds Streets Apt. 705, Pittsmouth, NE 04204	4
5	Frederick Black	vincent85@barry.com	833-546-0813x830	95158 Sarah Valleys, Port Rachel, VA 52714	5
6	Dawn Wall	randy38@gmail.com	+1-099-759-1057x565	3260 Bennett Greens Apt. 865, West Davidview, PA 42736	6
7	James Willis	owenskathy@hotmail.com	374-799-5378x94502	727 Thomas Plains Apt. 553, South Williamport, OR 02327	7
8	James Watts	justin65@williams-smith.com	048.283.4773	79884 Abigail Cliff, Russellmouth, AR 75213	8
9	Matthew Holmes	ntaylor@compton.com	600-658-0036	1453 Kaitlyn Turnpike, South Jeffrey, NY 87325	9
10	Jeanette Lopez	soneill@alvarez.com	(175)890-7854	18195 Kimberly Ford Suite 262, Taylortown, WY 11813	10
11	Brett Robinson	donnaabrown@gmail.com	712-057-3336	04565 Lisa Centers, North Sandypport, DC 73552	11
12	Rachel Jacobs	jbray@yahoo.com	(260)945-5058x041	571 Raymond Springs, East Jamiestad, WI 63529	12
13	Steve Bird	ujohnson@durand.com	001-352-129-1411x504	488 Elizabeth Crest, Justinport, IA 01202	13
14	Brian Garcia	wroth@hotmail.com	(260)633-0621	2641 David Port Suite 490, West Larry, WY 87245	14
15	Alexander Thomas	ronaldjimenez@yahoo.com	220-831-7936	851 Christopher Canyon Suite 030, Port Dawn, VT 07154	15
16	Rebecca Andrade	dorothy66@hotmail.com	+1-110-322-9458x6446	99289 Shawn Shoal, Lake Lauren, NJ 04361	16
17	Robert Marshall	james05@gmail.com	001-175-621-9139	178 Nichole Underpass, Rogerschester, WV 85513	17
18	Gail Castillo	danielmary@black.com	(226)283-8278	45873 Ronald Vista Suite 650, Hancockland, NV 61297	18
19	Andrew Bonilla	kimberlv88@yahoo.com	001-953-022-7376x052	USNV Stephens. FPO AP 09871	19

14

Data Output Messages Notifications			
	departments_id [PK] numeric (9)	departments_name character varying (35)	information character varying (50)
1	1	Purpose Department	Agent every development.
2	2	Since Department	Quality throughout beautiful.
3	3	Knowledge Department	Ahead despite measure.
4	4	Agreement Department	Current practice nation determine operation speak.
5	5	According Department	Recently future choice whatever.
6	6	Great Department	Behavior benefit suggest.
7	7	Pm Department	Southern role movie win.
8	8	Human Department	Need stop peace.
9	9	Training Department	Officer relate animal direction eye.
10	10	Base Department	Term herself law street.
11	11	Commercial Department	Great prove reduce raise author.
12	12	Prove Department	Move each left establish.
13	13	Wish Department	Detail food shoulder argue start source.
14	14	Institution Department	At tree note responsibility.
15	15	Difference Department	How trip learn enter east no.
16	16	Everyone Department	Investment on gun young catch management.
17	17	Someone Department	Technology check civil.
18	18	Response Department	Others his other life edge.


## שימוש ב Mockaroo:


SCHEMAS
DATASETS
APIS
DATABASES
NEW
SCENARIOS
PROJECTS
FUNCTIONS


Need some mock data to test your app? Mockaroo lets you generate up to 1,000 rows of realistic test data in CSV, JSON, SQL, and Excel formats.

Need more data? Plans start at just \$60/year. Mockaroo is also available as a [docker image](#) that you can deploy in your own private cloud.

Field Name	Type	Options
suppliers_id	Row Number	blank: 0 % <span>Σ</span> <span>×</span>
suppliers_name	Company Name	blank: 0 % <span>Σ</span> <span>×</span>
phone	Phone	format: ###-###-#### <span>blank: 0 %</span> <span>Σ</span> <span>×</span>
address	Street Address	blank: 0 % <span>Σ</span> <span>×</span>

+ ADD ANOTHER FIELD
 GENERATE FIELDS USING AI...

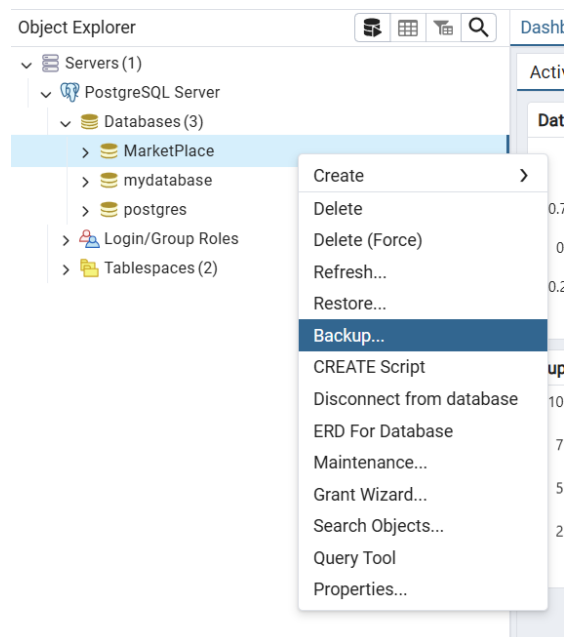
```

INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (1, 'Kamba', '149-964-5147', '0 Browning Way');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (2, 'Eire', '215-944-8938', '44494 Fieldstone Street');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (3, 'Skyba', '746-245-4666', '58553 Carberry Plaza');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (4, 'Photobean', '946-714-4204', '9 Johnson Lane');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (5, 'Fiveclub', '865-535-4839', '71185 Packers Plaza');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (6, 'Brightbean', '866-499-3997', '2928 Monica Parkway');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (7, 'Leenti', '895-432-1192', '56 Hagan Circle');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (8, 'Mudo', '434-199-5807', '0 American Ash Lane');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (9, 'Oba', '805-433-4188', '4 Thompson Street');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (10, 'Youtage', '650-620-3033', '2187 Melvin Crossing');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (11, 'Ntag', '662-476-4668', '9 Doe Crossing Park');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (12, 'Linkbridge', '179-620-5535', '3021 Sherman Point');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (13, 'Photobug', '781-980-3235', '41599 Eastwood Crossing');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (14, 'Agivu', '249-609-7849', '78730 Lillian Plaza');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (15, 'Omiba', '943-215-5578', '5 Butternut Way');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (16, 'Youbridge', '620-560-1221', '85877 Nobel Circle');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (17, 'Lazzy', '780-779-0583', '17525 Londonderry Point');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (18, 'Devpulse', '391-559-8229', '7741 Quincy Trail');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (19, 'Divanoodle', '450-723-1269', '0643 Lake View Road');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (20, 'Latz', '872-705-6525', '85 Holmberg Center');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (21, 'Voonder', '769-315-7928', '262 Chinook Crossing');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (22, 'Skivee', '240-522-0312', '8894 Mitchell Court');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (23, 'Gabcube', '765-673-4475', '458 Harbort Alley');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (24, 'Thoughtbridge', '132-272-7713', '73 Delladonna Point');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (25, 'Photofeed', '919-544-7577', '275 Iowa Hill');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (26, 'PlaJo', '380-885-5684', '738 Dahle Plaza');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (27, 'Skymdu', '868-896-0343', '657 Blue Bill Park Trail');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (28, 'Edgeify', '780-979-9515', '1576 Welch Place');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (29, 'Wordtune', '113-246-6297', '58208 Village Green Alley');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (30, 'Skipfire', '298-958-5539', '00508 Ridge Oak Park');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (31, 'Photospace', '955-532-6779', '734 Kinsman Court');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (32, 'Aivee', '914-663-3905', '736 Anderson Center');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (33, 'Digitube', '151-778-4347', '190 Doe Crossing Hill');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (34, 'Roomm', '517-292-1692', '3 Sutherland Drive');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (35, 'Realpoint', '388-848-8487', '27 Loftsgordon Place');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (36, 'Bluezoom', '776-528-2077', '1010 Dixon Road');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (37, 'Dablist', '685-917-6965', '06710 Talmadge Way');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (38, 'Katz', '990-221-2325', '509 Dixon Avenue');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (39, 'Twinder', '817-688-1179', '61542 Kenwood Way');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (40, 'Voonte', '725-336-9608', '4 Colorado Center');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (41, 'Yadel', '333-743-7196', '464 International Circle');
INSERT INTO suppliers (suppliers_id, suppliers_name, phone, address) VALUES (42, 'Mybuzz', '633-482-0425', '533 Kim Crossing');

```



## גיבוי נתונים:



**Backup (Database: MarketPlace)** [X]

General | Data Options | Query Options | Table Options | Options | Objects

Filename: backupProject\_itamar\_naftali\_21.4.25 [Folder icon]

Format: Plain [Dropdown arrow]

Compression ratio: [Text input]

Encoding: Select an item... [Dropdown arrow]

Number of jobs: [Text input]

Role name: Select an item... [Dropdown arrow]

[Info icon] [Help icon] [Close] [Reset] [Backup]

## שחזור הנתונים:

