אירועים בעיריית ירושלים

מיני פרויקט בבסיסי נתונים

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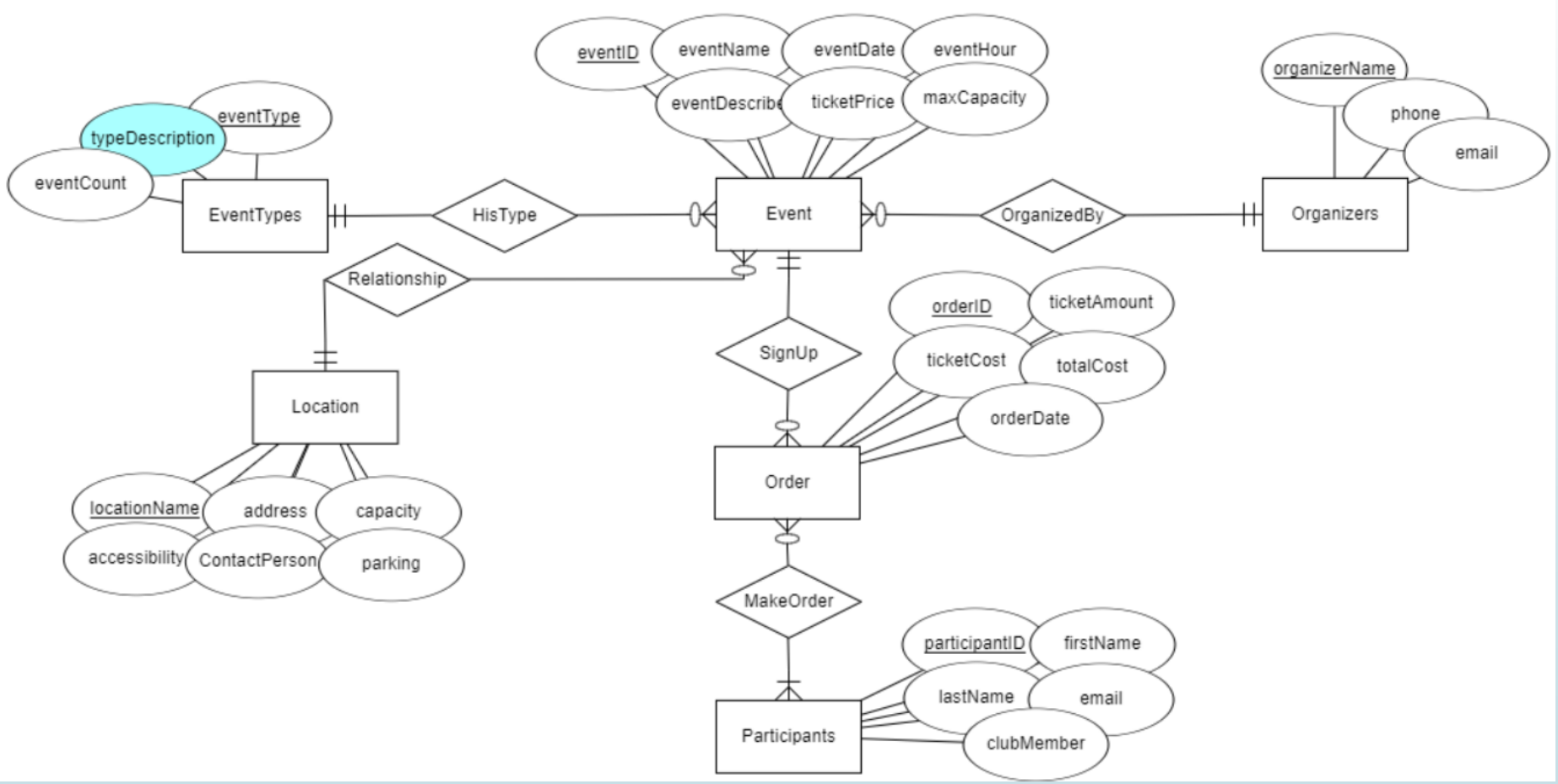
אירועים בעיריית ירושלים

עיריית ירושלים דואגת לתושביה ומציעה מגוון רחב של אירועים תרבותיים, כולל הופעות מוזיקה, הצגות תיאטרון, תערוכות אמנות, סרטים, ועוד. המטרה העיקרית של הארגון היא לספק לתושבי העיר חוויות תרבותיות מרתקות ומגוונות במחירים נוחים או חינם.

בכדי להבטיח חוויה נעימה ובטוחה לכל משתתף, חשוב מאוד לארגן רישום מראש. הרישום יאפשר לארגון ולתכנן את האירוע בהתאם למספר המשתתפים הצפויים, לשלוט בכמותם ולוודא את הסדר והבטיחות במהלך האירוע. הרישום מראש מאפשר למשתתפים לחוות את האירוע בשקט נפשי, בלי לדאוג לשאלות כמו מקום ישיבה או זמן עריכה. בכך, הם יכולים להתמקד בחוויה עצמה וליצור רגעים ייחודיים ומיוחדים.

המערכת שלנו תעסוק בניהול מערכות המידע של האירועים בעיריית ירושלים. ותכלול את הישויות הבאות: מארגנים- פרטי קשר של מי שמארגן את האירוע, משתתפים- שיכולים להירשם לאירוע, אירוע- שמציג את הפרטים שלו וכך משתמשים יודעים אם הם רוצים להירשם, סוג אירוע- כמו ספורט, יום העצמאות..., הרשמה לאירועים, וחבר מועדון ירושלמי- שמקנה הנחה. אנו מניחים שמשלמים בכניסה וההנחה של ירושלמי היא אותו אחוז הנחה לכל האירועים.

ERD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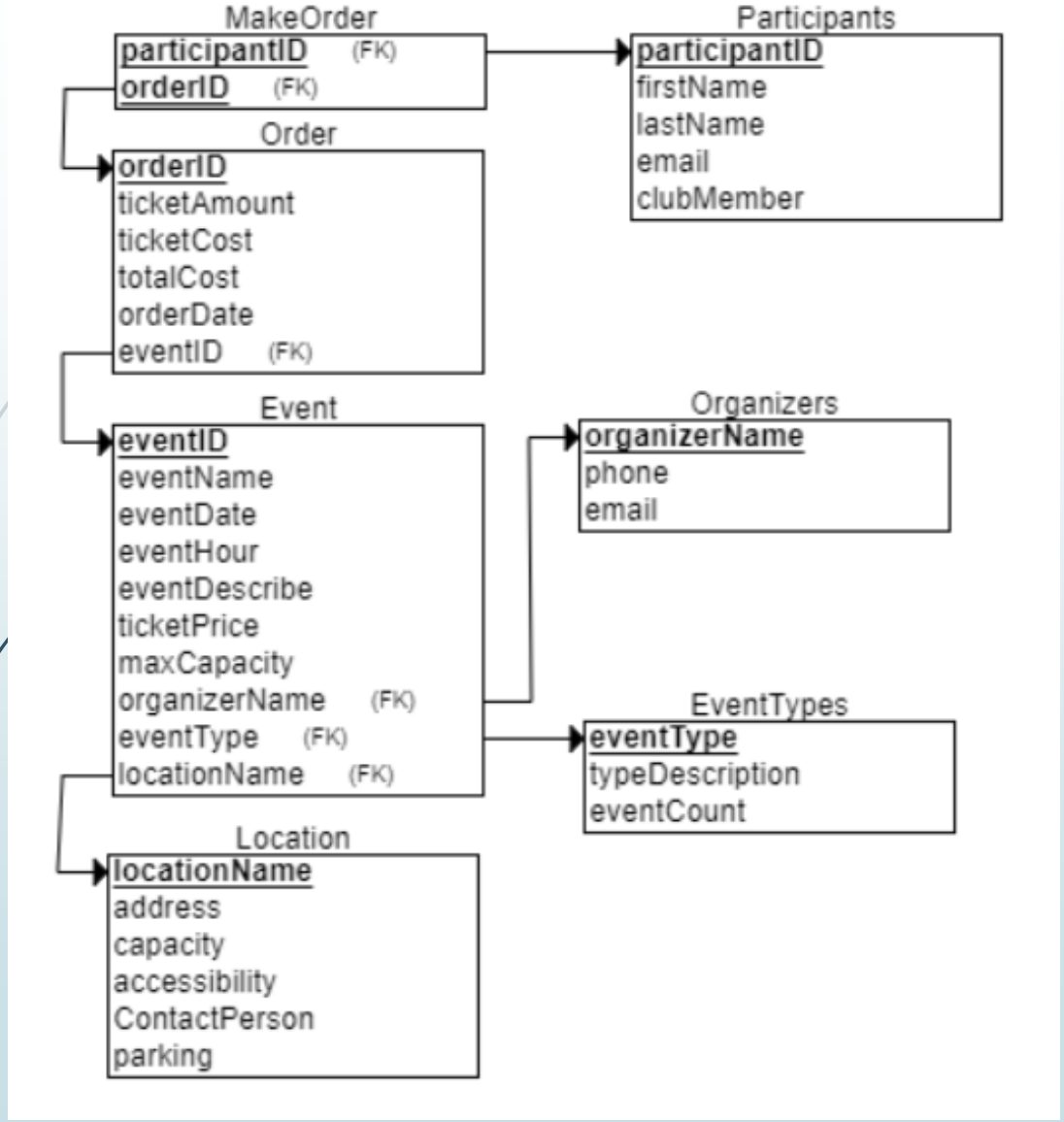
eventName
eventDate
eventHour
eventDescribe
ticketPrice
maxCapacity
organizerName
phone
email
eventType
typeDescription
eventCount
EventTypes
HisType
Event
OrganizedBy
Organizers
Relationship
SignUp
orderID
ticketAmount
ticketCost
totalCost
orderDate
Location
Order
locationName
address
capacity
accessibility
ContactPerson
parking
MakeOrder
participantID
firstName
lastName
email
clubMember
Participants



DSD

החלטות:
Clubmember הוא מספר סידורי הייחודי לכל לקוח,
אם הוא 0, אז אין לו חבר מועדון

תוכן קובץ ה CREATE

```
CREATE TABLE Organizer
(
  organizerId INT NOT NULL,
  organizerName VARCHAR2(20) NOT NULL,
  phone INT NOT NULL,
  email VARCHAR2(30) NOT NULL,
  PRIMARY KEY (organizerId)
);
```

```
CREATE TABLE EventType
(
  eventTypeId INT NOT NULL,
  eventType VARCHAR2(20) NOT NULL,
  typeDescription VARCHAR2(100) NOT NULL,
  PRIMARY KEY (eventTypeId)
);
```

תוכן קובץ ה CREATE

```
CREATE TABLE Participants
(
  participantID INT NOT NULL,
  firstName VARCHAR2(20) NOT
NULL,
  lastName VARCHAR2(20) NOT NULL,
  email VARCHAR2(30) NOT NULL,
  clubMember INT NOT NULL,
  PRIMARY KEY (participantID)
);
```

```
CREATE TABLE Locations(
  locationId INT NOT NULL,
  locationName VARCHAR2(20) NOT NULL,
  address VARCHAR2(30) NOT NULL,
  capacity INT NOT NULL,
  accessibility VARCHAR2(20) NOT NULL,
  ContactPerson INT NOT NULL,
  parking INT NOT NULL,
  PRIMARY KEY (locationId));
```

תוכן קובץ ה CREATE

```
CREATE TABLE Event(
  eventID INT NOT NULL,
  eventName VARCHAR2(30) NOT NULL,
  eventDate DATE NOT NULL,
  eventDescribe VARCHAR2(100) NOT NULL,
  organizerId INT NOT NULL,
  eventTypeId INT NOT NULL,
  locationId INT NOT NULL,
  PRIMARY KEY (eventID),
  FOREIGN KEY (organizerId) REFERENCES Organizer(organizerId),
  FOREIGN KEY (eventTypeId) REFERENCES EventType(eventTypeId),
  FOREIGN KEY (locationId) REFERENCES Locations(locationId) );
```

תוכן קובץ ה CREATE

```
CREATE TABLE Orders (
  orderID INT NOT NULL,
  ticketAmount INT NOT NULL,
  ticketCost INT NOT NULL,
  orderDate DATE NOT NULL,
  eventID INT NOT NULL,
  PRIMARY KEY (orderID),
  FOREIGN KEY (eventID)
REFERENCES Event(eventID) );
```

```
CREATE TABLE MakeOrder (
  participantID INT NOT NULL,
  orderID INT NOT NULL,
  PRIMARY KEY (participantID,
orderID),
  FOREIGN KEY (participantID)
REFERENCES
Participants(participantID),
  FOREIGN KEY (orderID) REFERENCES
Orders(orderID) );
```

תוכן קובץ ה DROP

```
drop table MakeOrder;
drop table Orders;
drop table Event;
drop table Participants;
drop table Locations;
drop table EventType;
drop table Organizer;
```

תוכן קובץ ה INSERT

```
INSERT INTO Organizer (organizerId, organizerName, phone, email) VALUES (1, 'John Doe', 1234567890, 'john@example.com');

INSERT INTO Organizer (organizerId, organizerName, phone, email) VALUES (2, 'Jane Smith', 2345678901, 'jane@example.com');

INSERT INTO Organizer (organizerId, organizerName, phone, email) VALUES (3, 'Emily Johnson', 3456789012, 'emily@example.com');

INSERT INTO Organizer (organizerId, organizerName, phone, email) VALUES (4, 'Michael Brown', 4567890123, 'michael@example.com');

INSERT INTO Organizer (organizerId, organizerName, phone, email) VALUES (5, 'Jessica Davis', 5678901234, 'jessica@example.com');

INSERT INTO Organizer (organizerId, organizerName, phone, email) VALUES (6, 'David Wilson', 6789012345, 'david@example.com');

INSERT INTO Organizer (organizerId, organizerName, phone, email) VALUES (7, 'Sarah Miller', 7890123456, 'sarah@example.com');

INSERT INTO Organizer (organizerId, organizerName, phone, email) VALUES (8, 'Chris Moore', 8901234567, 'chris@example.com');

INSERT INTO Organizer (organizerId, organizerName, phone, email) VALUES (9, 'Ashley Taylor', 9012345678, 'ashley@example.com');

INSERT INTO Organizer (organizerId, organizerName, phone, email) VALUES (10, 'Andrew Anderson', 1234509876, 'andrew@example.com');
```

תוכן קובץ ה INSERT

```
INSERT INTO EventType (eventTypeId, eventType, typeDescription) VALUES (1,
'Sports', 'Various sports events');

INSERT INTO EventType (eventTypeId, eventType, typeDescription) VALUES (2,
'Community', 'Community gatherings and social events');

INSERT INTO EventType (eventTypeId, eventType, typeDescription) VALUES (3,
'Culture', 'Cultural events and activities');

INSERT INTO EventType (eventTypeId, eventType, typeDescription) VALUES (4,
'Independence Day', 'Celebration of national independence');

INSERT INTO EventType (eventTypeId, eventType, typeDescription) VALUES (5,
'Theatre', 'Theatre performances');

INSERT INTO EventType (eventTypeId, eventType, typeDescription) VALUES (6,
'Memorial Day', 'Memorial events');

INSERT INTO EventType (eventTypeId, eventType, typeDescription) VALUES (7,
'Education', 'Educational seminars and workshops');

INSERT INTO EventType (eventTypeId, eventType, typeDescription) VALUES (8,
'Concert', 'Music concerts');

INSERT INTO EventType (eventTypeId, eventType, typeDescription) VALUES (9,
'Festival', 'Festivals and celebrations');

INSERT INTO EventType (eventTypeId, eventType, typeDescription) VALUES (10,
'Cinema', 'Film screenings and movie events');
```

תוכן קובץ ה INSERT

```
INSERT INTO Participants (participantID, firstName, lastName, email,
clubMember) VALUES (1, 'Alice', 'Green', 'alice@example.com', 1);

INSERT INTO Participants (participantID, firstName, lastName, email,
clubMember) VALUES (2, 'Bob', 'White', 'bob@example.com', 0);

INSERT INTO Participants (participantID, firstName, lastName, email,
clubMember) VALUES (3, 'Charlie', 'Black', 'charlie@example.com', 1);

INSERT INTO Participants (participantID, firstName, lastName, email,
clubMember) VALUES (4, 'Diana', 'Red', 'diana@example.com', 0);

INSERT INTO Participants (participantID, firstName, lastName, email,
clubMember) VALUES (5, 'Evan', 'Yellow', 'evan@example.com', 1);

INSERT INTO Participants (participantID, firstName, lastName, email,
clubMember) VALUES (6, 'Fiona', 'Blue', 'fiona@example.com', 0);

INSERT INTO Participants (participantID, firstName, lastName, email,
clubMember) VALUES (7, 'George', 'Pink', 'george@example.com', 1);

INSERT INTO Participants (participantID, firstName, lastName, email,
clubMember) VALUES (8, 'Hannah', 'Brown', 'hannah@example.com', 0);

INSERT INTO Participants (participantID, firstName, lastName, email,
clubMember) VALUES (9, 'Ian', 'Grey', 'ian@example.com', 1);

INSERT INTO Participants (participantID, firstName, lastName, email,
clubMember) VALUES (10, 'Julia', 'Orange', 'julia@example.com', 0);
```

תוכן קובץ ה INSERT

```
INSERT INTO Locations (locationId, locationName, address, capacity, accessibility, ContactPerson, parking) VALUES (1, 'Sports Arena', 'Jerusalem', 5000, 'Yes', 1, 200);

INSERT INTO Locations (locationId, locationName, address, capacity, accessibility, ContactPerson, parking) VALUES (2, 'Community Center', 'Jerusalem', 300, 'Yes', 2, 50);

INSERT INTO Locations (locationId, locationName, address, capacity, accessibility, ContactPerson, parking) VALUES (3, 'Cultural Hall', 'Jerusalem', 800, 'Yes', 3, 100);

INSERT INTO Locations (locationId, locationName, address, capacity, accessibility, ContactPerson, parking) VALUES (4, 'Independence Park', '101 Freedom Blvd', 10000, 'Yes', 4, 500);

INSERT INTO Locations (locationId, locationName, address, capacity, accessibility, ContactPerson, parking) VALUES (5, 'Theatre House', '202 Drama Ln', 1200, 'Yes', 5, 150);

INSERT INTO Locations (locationId, locationName, address, capacity, accessibility, ContactPerson, parking) VALUES (6, 'Memorial Hall', '303 Remembrance Rd', 600, 'Yes', 6, 80);

INSERT INTO Locations (locationId, locationName, address, capacity, accessibility, ContactPerson, parking) VALUES (7, 'Education Center', '404 Learning St', 400, 'Yes', 7, 60);

INSERT INTO Locations (locationId, locationName, address, capacity, accessibility, ContactPerson, parking) VALUES (8, 'Concert Hall', '505 Music Ave', 2000, 'Yes', 8, 300);

INSERT INTO Locations (locationId, locationName, address, capacity, accessibility, ContactPerson, parking) VALUES (9, 'Festival Grounds', '606 Celebration Blvd', 8000, 'Yes', 9, 400);

INSERT INTO Locations (locationId, locationName, address, capacity, accessibility, ContactPerson, parking) VALUES (10, 'Cinema Complex', '707 Film St', 1500, 'Yes', 10, 250);
```

תוכן קובץ ה INSERT

```
INSERT INTO Event (eventID, eventName, eventDate, eventDescribe, organizerName, eventType, locationName)
VALUES (1, 'Sports Event', DATE '2024-06-01', 'A local sports event.', 1, 1, 1);

INSERT INTO Event (eventID, eventName, eventDate, eventDescribe, organizerName, eventType, locationName)
VALUES (2, 'Community Gathering', DATE '2024-06-05', 'A gathering for the community.', 2, 2, 2, );

INSERT INTO Event (eventID, eventName, eventDate, eventDescribe, organizerName, eventType, locationName)
VALUES (3, 'Cultural Night', DATE '2024-06-10', 'An evening of cultural performances.', 3, 3, 3);

INSERT INTO Event (eventID, eventName, eventDate, eventDescribe, organizerName, eventType, locationName)
VALUES (4, 'Independence Day', DATE '2024-06-15', 'Celebration of Independence Day.', 4, 4, 4);

INSERT INTO Event (eventID, eventName, eventDate, eventDescribe, organizerName, eventType, locationName)
VALUES (5, 'Theatre Play', DATE '2024-06-20', 'A theatre performance.', 5, 5, 5);

INSERT INTO Event (eventID, eventName, eventDate, eventDescribe, organizerName, eventType, locationName)
VALUES (6, 'Memorial Service', DATE '2024-06-25', 'A service to remember fallen heroes.', 6, 6, 6);

INSERT INTO Event (eventID, eventName, eventDate, eventDescribe, organizerName, eventType, locationName)
VALUES (7, 'Educational Workshop', DATE '2024-07-01', 'A workshop on educational topics.', 7, 7, 7);

INSERT INTO Event (eventID, eventName, eventDate, eventDescribe, organizerName, eventType, locationName)
VALUES (8, 'Music Concert', DATE '2024-07-05', 'A live music concert.', 8, 8, 8);

INSERT INTO Event (eventID, eventName, eventDate, eventDescribe, organizerName, eventType, locationName)
VALUES (9, 'Summer Festival', DATE '2024-07-10', 'A summer festival with various activities.', 9, 9, 9);

INSERT INTO Event (eventID, eventName, eventDate, eventDescribe, organizerName, eventType, locationName)
VALUES (10, 'Film Screening', DATE '2024-07-15', 'A screening of a popular film.', 10, 10, 10);
```

תוכן קובץ ה INSERT

```
INSERT INTO Orders (orderID, ticketAmount, ticketCost, orderDate, eventID) VALUES (1, 2, 50, DATE '2024-05-01', 1);

INSERT INTO Orders (orderID, ticketAmount, ticketCost, orderDate, eventID) VALUES (2, 4, 0, DATE '2024-05-02', 2);

INSERT INTO Orders (orderID, ticketAmount, ticketCost, orderDate, eventID) VALUES (3, 3, 20, DATE '2024-05-03', 3);

INSERT INTO Orders (orderID, ticketAmount, ticketCost, orderDate, eventID) VALUES (4, 5, 0, DATE '2024-05-04', 4);

INSERT INTO Orders (orderID, ticketAmount, ticketCost, orderDate, eventID) VALUES (5, 2, 30, DATE '2024-05-05', 5);

INSERT INTO Orders (orderID, ticketAmount, ticketCost, orderDate, eventID) VALUES (6, 4, 0, DATE '2024-05-06', 6);

INSERT INTO Orders (orderID, ticketAmount, ticketCost, orderDate, eventID) VALUES (7, 1, 10, DATE '2024-05-07', 7);

INSERT INTO Orders (orderID, ticketAmount, ticketCost, orderDate, eventID) VALUES (8, 3, 40, DATE '2024-05-08', 8);

INSERT INTO Orders (orderID, ticketAmount, ticketCost, orderDate, eventID) VALUES (9, 6, 25, DATE '2024-05-09', 9);

INSERT INTO Orders (orderID, ticketAmount, ticketCost, orderDate, eventID) VALUES (10, 2, 15, DATE '2024-05-10', 10);
```

תוכן קובץ ה INSERT

```
INSERT INTO MakeOrder (participantID, orderID) VALUES (1, 1);
INSERT INTO MakeOrder (participantID, orderID) VALUES (2, 2);
INSERT INTO MakeOrder (participantID, orderID) VALUES (3, 3);
INSERT INTO MakeOrder (participantID, orderID) VALUES (4, 4);
INSERT INTO MakeOrder (participantID, orderID) VALUES (5, 5);
INSERT INTO MakeOrder (participantID, orderID) VALUES (6, 6);
INSERT INTO MakeOrder (participantID, orderID) VALUES (7, 7);
INSERT INTO MakeOrder (participantID, orderID) VALUES (8, 8);
INSERT INTO MakeOrder (participantID, orderID) VALUES (9, 9);
INSERT INTO MakeOrder (participantID, orderID) VALUES (10, 10);
```

תוכן קובץ ה SELECT

```
select * from Organizer;
select * from EventType;
select * from Participants;
select * from Locations;
select * from Event;
select * from Orders;
select * from MakeOrder;
```

תוצאות ה SELECT

Select organizer | Select eventtype | Select participants | Select locations | Select event | Select

	EVENTTYPEID	EVENTTYPE	TYPEDESCRIPTION
1	1	Sports	Various sports events
2	2	Community	Community gatherings and social events
3	3	Culture	Cultural events and activities
4	4	Independence Day	Celebration of national independence
5	5	Theatre	Theatre performances
6	6	Memorial Day	Memorial events
7	7	Education	Educational seminars and workshops
8	8	Concert	Music concerts
9	9	Festival	Festivals and celebrations
10	10	Cinema	Film screenings and movie events

Select organizer | Select eventtype | Select participants | Select locations | Select event | Sel

	ORGANIZERID	ORGANIZERNAME	PHONE	EMAIL
1	1	John Doe	1234567890	john@example.com
2	2	Jane Smith	2345678901	jane@example.com
3	3	Emily Johnson	3456789012	emily@example.com
4	4	Michael Brown	4567890123	michael@example.com
5	5	Jessica Davis	5678901234	jessica@example.com
6	6	David Wilson	6789012345	david@example.com
7	7	Sarah Miller	7890123456	sarah@example.com
8	8	Chris Moore	8901234567	chris@example.com
9	9	Ashley Taylor	9012345678	ashley@example.com
10	10	Andrew Anderson	1234509876	andrew@example.com

תוצאות ה SELECT

Select organizer | Select eventtype | Select participants | Select locations | Select event | Select orders | Sele

	PARTICIPANTID	FIRSTNAME	LASTNAME	EMAIL	CLUBMEMBER
1	1	Alice	Green	alice@example.com	1
2	2	Bob	White	bob@example.com	0
3	3	Charlie	Black	charlie@example.com	1
4	4	Diana	Red	diana@example.com	0
5	5	Evan	Yellow	evan@example.com	1
6	6	Fiona	Blue	fiona@example.com	0
7	7	George	Pink	george@example.com	1
8	8	Hannah	Brown	hannah@example.com	0
9	9	Ian	Grey	ian@example.com	1
10	10	Julia	Orange	julia@example.com	0

Select organizer | Select eventtype | Select participants | Select locations | Select event | Select orders | Select makeorder

	LOCATIONID	LOCATIONNAME	ADDRESS	CAPACITY	ACCESSIBILITY	CONTACTPERSON	PARKING
1	1	Sports Arena	123 Sports St	5000	Y	1	200
2	2	Community Center	456 Community Rd	300	Y	2	50
3	3	Cultural Hall	789 Culture Ave	800	Y	3	100
4	4	Independence Park	101 Freedom Blvd	10000	N	4	500
5	5	Theatre House	202 Drama Ln	1200	Y	5	150
6	6	Memorial Hall	303 Remembrance Rd	600	Y	6	80
7	7	Education Center	404 Learning St	400	Y	7	60
8	8	Concert Hall	505 Music Ave	2000	Y	8	300
9	9	Festival Grounds	606 Celebration Blvd	8000	Y	9	400
10	10	Cinema Complex	707 Film St	1500	Y	10	250

תוצאות ה SELECT

Select organizer | Select eventtype | Select participants | Select locations | Select event | Select orders | Select makeorder

	EVENTID	EVENTNAME	EVENTDATE	EVENTDESCRIBE	ORGANIZERID	EVENTTYPEID	LOCATIONID
1	1	Sports Event	01/06/2024 18:30:00	A local sports event.	1	1	1
2	2	Community Gathering	05/06/2024 15:30:00	A gathering for the community.	2	2	2
3	3	Cultural Night	10/06/2024 19:30:00	An evening of cultural performances.	3	3	3
4	4	Independence Day	15/06/2024 17:30:00	Celebration of Independence Day.	4	4	4
5	5	Theatre Play	20/06/2024 20:30:00	A theatre performance.	5	5	5
6	6	Memorial Service	25/06/2024 10:30:00	A service to remember fallen heroes.	6	6	6
7	7	Educational Workshop	01/07/2024 14:30:00	A workshop on educational topics.	7	7	7
8	8	Music Concert	05/07/2024 21:30:00	A live music concert.	8	8	8
9	9	Summer Festival	10/07/2024 16:30:00	A summer festival with various activities.	9	9	9
10	10	Film Screening	15/07/2024 19:30:00	A screening of a popular film.	10	10	10

תוצאות ה SELECT

Select organizer | Select eventtype | Select participants | Select locations | Select event | Select orders

	ORDERID	TICKETAMOUNT	TICKETCOST	ORDERDATE	EVENTID
1	1	2	50	01/05/2024	1
2	2	4	0	02/05/2024	2
3	3	3	20	03/05/2024	3
4	4	5	0	04/05/2024	4
5	5	2	30	05/05/2024	5
6	6	4	0	06/05/2024	6
7	7	1	10	07/05/2024	7
8	8	3	40	08/05/2024	8
9	9	6	25	09/05/2024	9
10	10	2	15	10/05/2024	10

Select organizer | Select eventtype | Select participants | Select locations | Select event | Select orders | Select makeorder

	PARTICIPANTID	ORDERID
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10

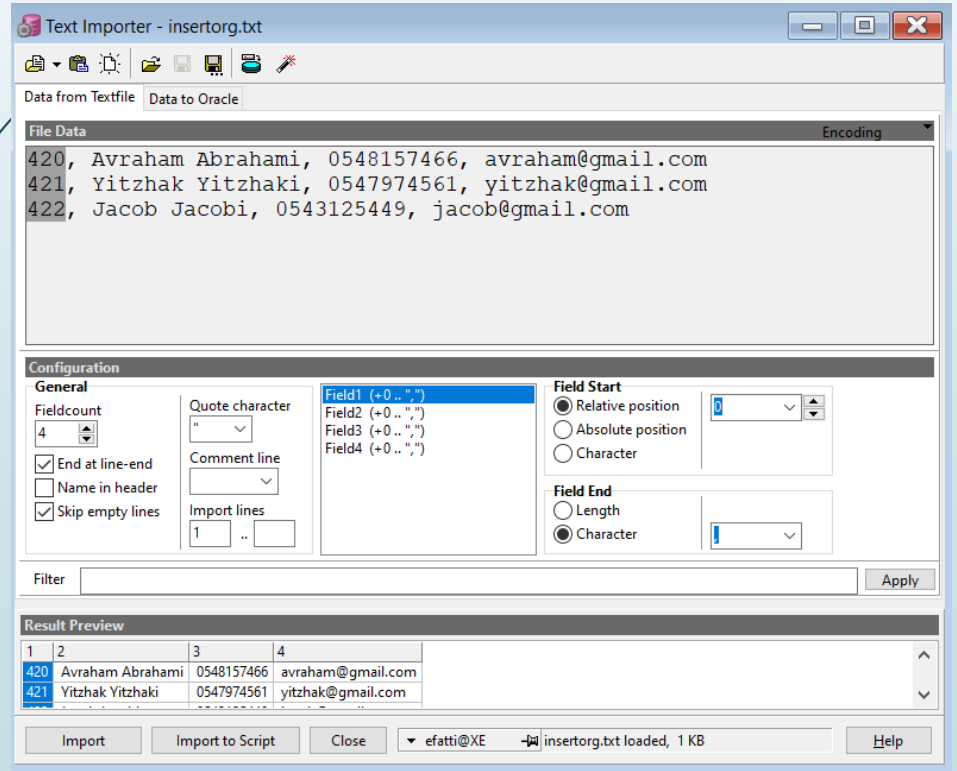
יבוא מקובץ טקסט

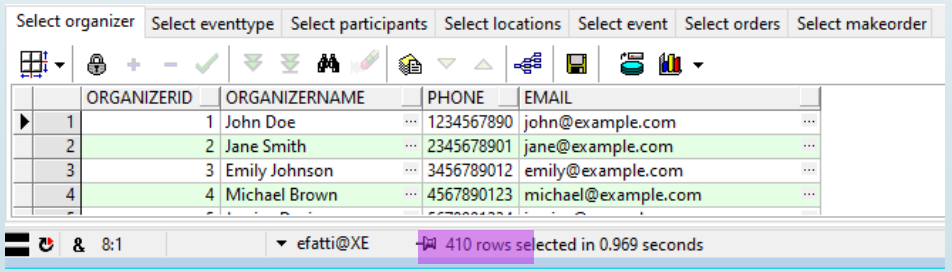
הקובץ:

sub_cipher_text | vigenere_cipher_text | insertorg.txt

```
1  420, Avraham Abrahami, 0548157466, avraham@gmail.com
2  421, Yitzhak Yitzhaki, 0547974561, yitzhak@gmail.com
3  422, Jacob Jacobi, 0543125449, jacob@gmail.com
```

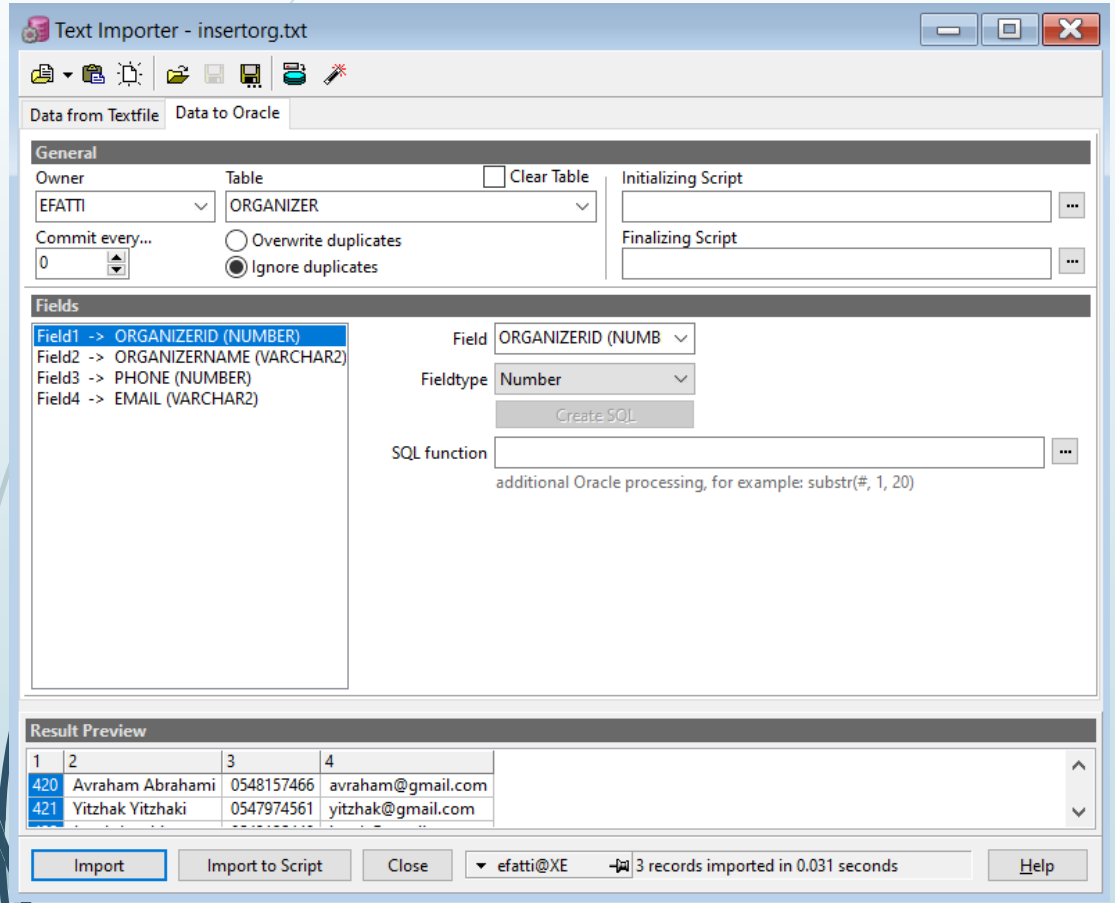
לפני:

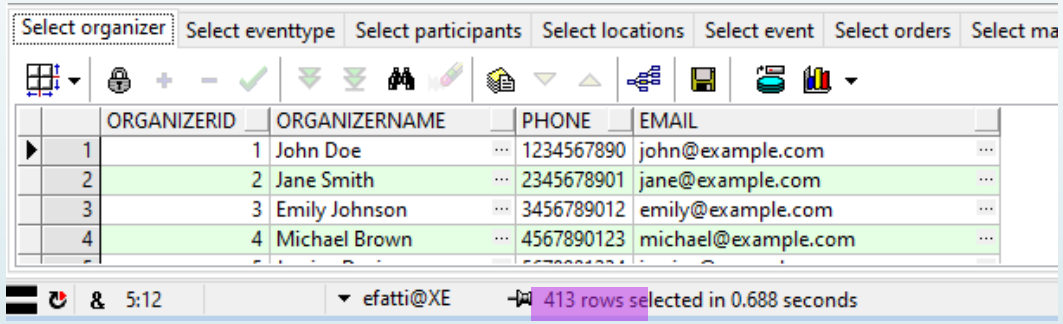




יבוא מקובץ טקסט

אחרי:





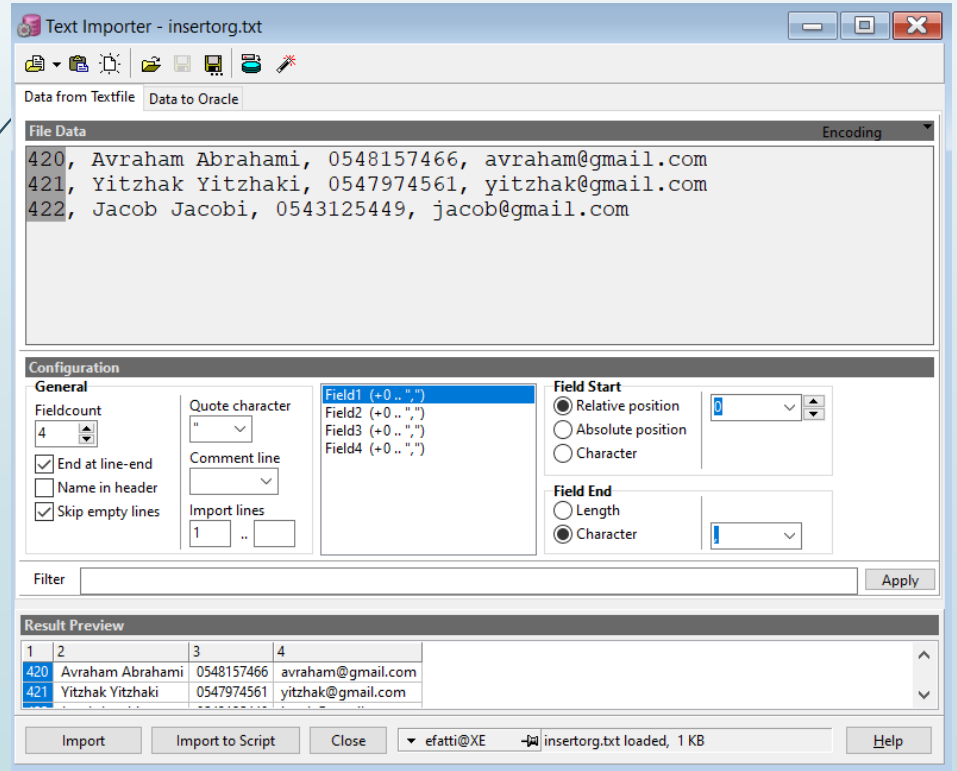
יבוא מקובץ אקסל

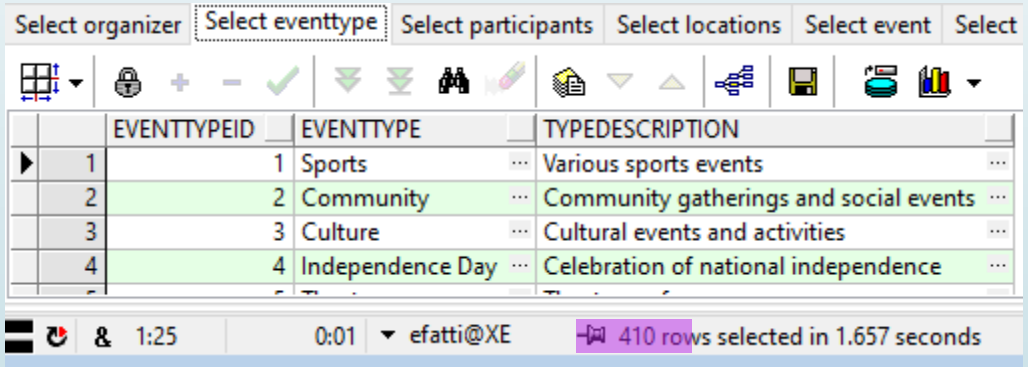
הקובץ:

sub_cipher_text | vigenere_cipher_text | insertorg.txt

```
1  420, Avraham Abrahami, 0548157466, avraham@gmail.com
2  421, Yitzhak Yitzhaki, 0547974561, yitzhak@gmail.com
3  422, Jacob Jacobi, 0543125449, jacob@gmail.com
```

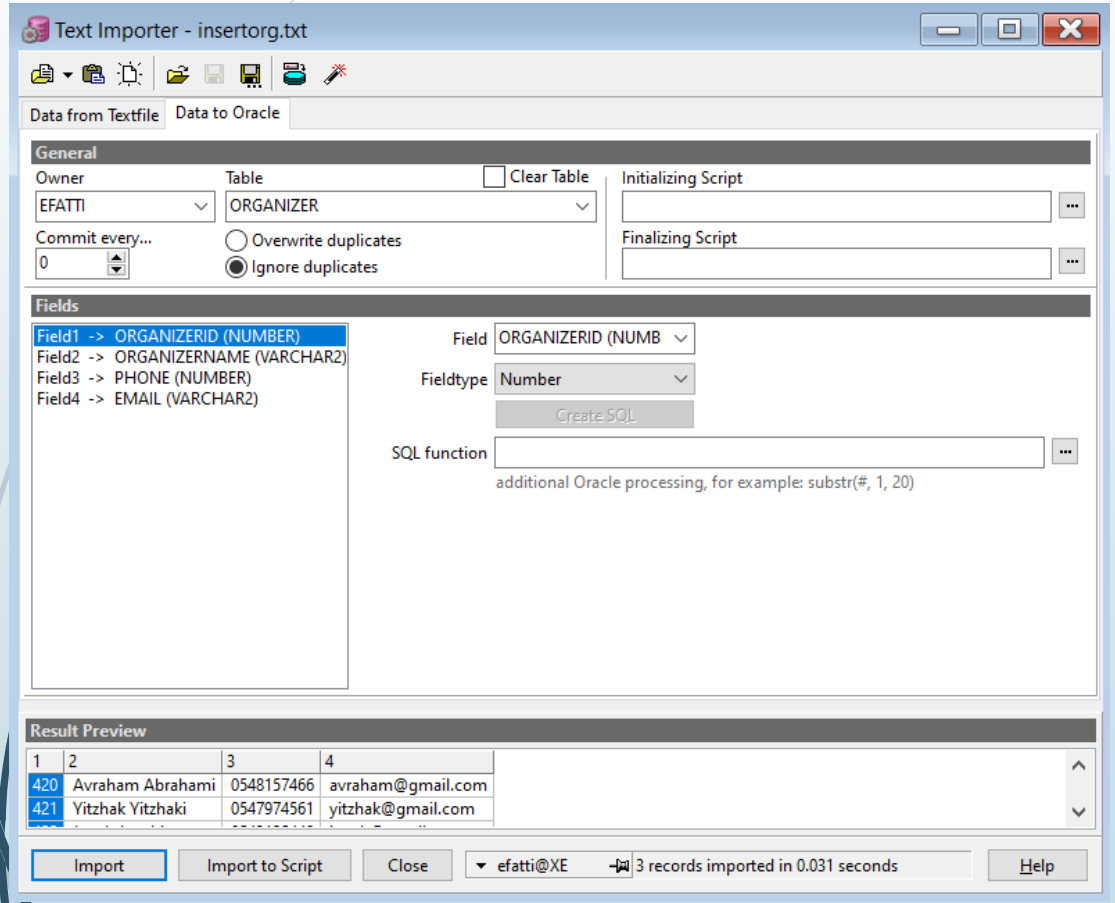
לפני:

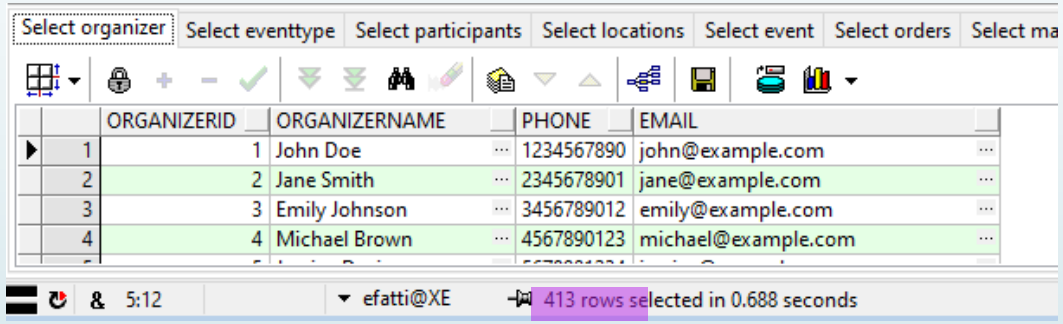




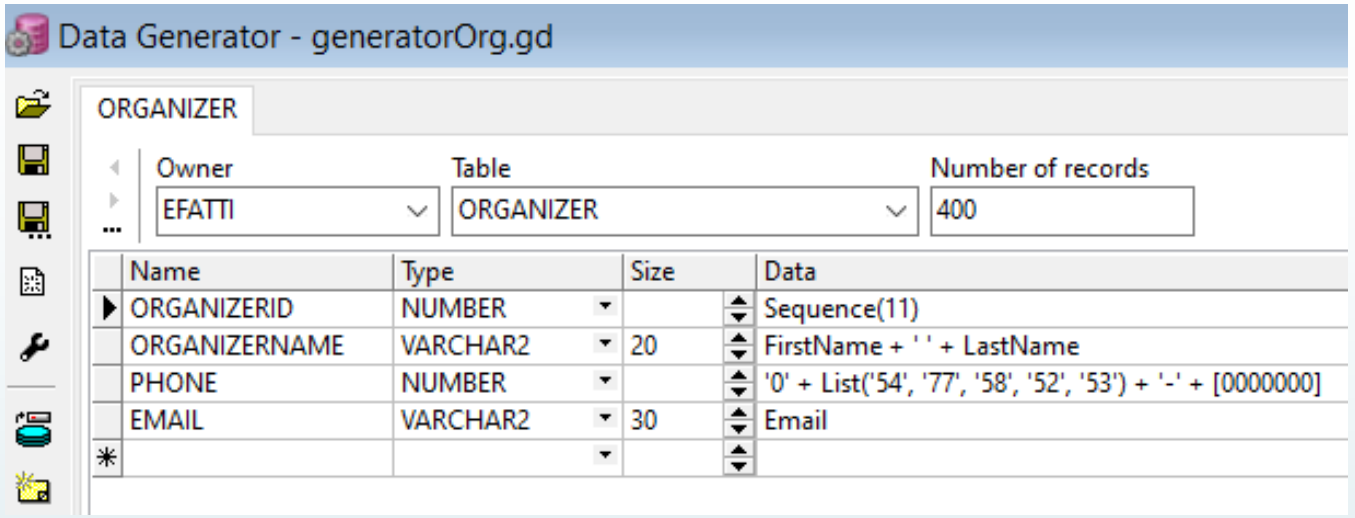
יבוא מקובץ טקסט

אחרי:





DATA GENERATOR:




```
insert into EFATTI.ORGANIZER (ORGANIZERID, ORGANIZERNAME, PHONE, EMA
values (11, 'Gena Cetera', 053-7236477, 'gena.cetera@circuitcitystor

insert into EFATTI.ORGANIZER (ORGANIZERID, ORGANIZERNAME, PHONE, EMA
values (12, 'Breckin McDormand', 058-7716346, 'breckin.mcdormand@til

insert into EFATTI.ORGANIZER (ORGANIZERID, ORGANIZERNAME, PHONE, EMA
values (13, 'Ashley Penn', 054-8693982, 'ashleyp@marketfirst.es');

insert into EFATTI.ORGANIZER (ORGANIZERID, ORGANIZERNAME, PHONE, EMA
values (14, 'Cesar Speaks', 054-6912160, 'cspeaks@progressivedesigns
```

Definition | Options | Result

DATA GENERATOR:

SQL | Output | Statistics

```
select * from Organizer;
```

	ORGANIZERID	ORGANIZERNAME	PHONE	EMAIL
1	1	John Doe	1234567890	john@example.com
2	2	Jane Smith	2345678901	jane@example.com
3	3	Emily Johnson	3456789012	emily@example.com
4	4	Michael Brown	4567890123	michael@example.com
5	5	Jessica Davis	5678901234	jessica@example.com
6	6	David Wilson	6789012345	david@example.com
7	7	Sarah Miller	7890123456	sarah@example.com
8	8	Chris Moore	8901234567	chris@example.com
9	9	Ashley Taylor	9012345678	ashley@example.com
10	10	Andrew Anderson	1234509876	andrew@example.com
11	11	Liam Mulroney	-4929226	liam@logisticare.nl
12	12	Neneh Paige	-966511	n.paige@infinity.com
13	13	Cheech Benoit	-3857755	cheechb@air.uk
14	14	Eliza Def	-8683267	eliza.def@esteelauder.pl
15	15	Franz Hewett	-8332677	franz.h@webgroup.uk
16	16	Colm Ali	-7174284	colm.ali@softworld.com
17	17	Eddie Lynne	-8968233	elynne@pulaskifinancial.com
18	18	Debby Adkins	-4474784	d.adkins@palmbeachtan.be
19	19	Vendetta Rain	-4783492	vendettar@horizon.com
20	20	Jarvis Parker	-7295340	jarvis.parker@gna.fr
21	21	Wayne Kleinenberg	-4937225	wayne.kleinenberg@fordmotor.co
22	22	Yaphet Rivers	-2204608	y.rivers@ipsadvisory.se
23	23	Geraldine Hunter	-5012807	geraldine@softworld.com
24	24	Loreena Nicks	-6679962	loreena.nicks@ams.de
25	25	Karon Bonneville	-3207834	karon@mqsoftware.uk
26	26	Bret Gagnon	-1846794	bret.gagnon@dvdt.hk
27	27	Hugh Douglas	-2027810	hugh@fds.mx
28	28	Radney Levine	-7882821	radney.levine@waltdisney.com
29	29	Angie Grant	-4134520	angie.grant@sweetproductions.c
30	30	Sara Smurfit	-4800356	sara@bis.uk
31	31	Blair Del Toro	-643660	blair@dvdt.com
32	32	Laura Gertner	-6223425	l.gertner@ecopy.de
33	33	Courtney Mantegna	-5258739	courtney.mantegna@spas.es

1:1 efatti@XE 410 rows selected in 0.438 seconds

DATA GENERATOR:

EVENTTYPE

Owner	Table	Number of records
EFATTI	EVENTTYPE	400

Name	Type	Size	Data
EVENTTYPEID	NUMBER		Sequence(11)
EVENTTYPE	VARCHAR2	20	Random(1000, 100000) + 'M marathon'
TYPEDESCRIPTION	VARCHAR2	100	'Running a marathon for health'

```
insert into EFATTI.EVENTTYPE (EVENTTYPEID, EVENTTYPE, TYPEDESCRIPTION)
values (11, '33537M marathon', 'Running a marathon for health');

insert into EFATTI.EVENTTYPE (EVENTTYPEID, EVENTTYPE, TYPEDESCRIPTION)
values (12, '93440M marathon', 'Running a marathon for health');

insert into EFATTI.EVENTTYPE (EVENTTYPEID, EVENTTYPE, TYPEDESCRIPTION)
values (13, '62261M marathon', 'Running a marathon for health');

insert into EFATTI.EVENTTYPE (EVENTTYPEID, EVENTTYPE, TYPEDESCRIPTION)
values (14, '47996M marathon', 'Running a marathon for health');
```

Definition | Options | Result

DATA GENERATOR:

```
select * from Organizer;
```

	ORGANIZERID	ORGANIZERNAME	PHONE	EMAIL
1	1	John Doe	1234567890	john@example.com
2	2	Jane Smith	2345678901	jane@example.com
3	3	Emily Johnson	3456789012	emily@example.com
4	4	Michael Brown	4567890123	michael@example.com
5	5	Jessica Davis	5678901234	jessica@example.com
6	6	David Wilson	6789012345	david@example.com
7	7	Sarah Miller	7890123456	sarah@example.com
8	8	Chris Moore	8901234567	chris@example.com
9	9	Ashley Taylor	9012345678	ashley@example.com
10	10	Andrew Anderson	1234509876	andrew@example.com
11	11	Liam Mulroney	-4929226	liam@logisticare.nl
12	12	Neneh Paige	-966511	n.paige@infinity.com
13	13	Cheech Benoit	-3857755	cheechb@air.uk
14	14	Eliza Def	-8683267	eliza.def@esteelauder.pl
15	15	Franz Hewett	-8332677	franz.h@webgroup.uk
16	16	Colm Ali	-7174284	colm.ali@softworld.com
17	17	Eddie Lynne	-8968233	elynne@pulaskifinancial.com
18	18	Debby Adkins	-4474784	d.adkins@palmbeachtan.be
19	19	Vendetta Rain	-4783492	vendettar@horizon.com
20	20	Jarvis Parker	-7295340	jarvis.parker@gna.fr
21	21	Wayne Kleinenberg	-4937225	wayne.kleinenberg@fordmotor.co
22	22	Yaphet Rivers	-2204608	y.rivers@ipsadvisory.se
23	23	Geraldine Hunter	-5012807	geraldine@softworld.com
24	24	Loreena Nicks	-6679962	loreena.nicks@ams.de
25	25	Karon Bonneville	-3207834	karon@mqsoftware.uk
26	26	Bret Gagnon	-1846794	bret.gagnon@dvdt.hk
27	27	Hugh Douglas	-2027810	hugh@fds.mx
28	28	Radney Levine	-7882821	radney.levine@waltdisney.com
29	29	Angie Grant	-4134520	angie.grant@sweetproductions.c
30	30	Sara Smurfit	-4800356	sara@bis.uk
31	31	Blair Del Toro	-643660	blair@dvdt.com
32	32	Laura Gertner	-6223425	l.gertner@ecopy.de
33	33	Courtney Mantegna	-5258739	courtney.mantegna@spas.es

DATA GENERATOR:

PARTICIPANTS

Owner	Table	Number of records
EFATTI	PARTICIPANTS	400

	Name	Type	Size	Data
▶	PARTICIPANTID	NUMBER		Sequence(11)
	FIRSTNAME	VARCHAR2	20	FirstName
	LASTNAME	VARCHAR2	20	LastName
	EMAIL	VARCHAR2	30	Email
	CLUBMEMBER	NUMBER		Sequence(1000)
*				

```
insert into EFATTI.PARTICIPANTS (PARTICIPANTID, FIRSTNAME, LASTNAME, E
values (11, 'Harriet', 'Kenoly', 'harriet@multimedialive.fr', 1000);

insert into EFATTI.PARTICIPANTS (PARTICIPANTID, FIRSTNAME, LASTNAME, E
values (12, 'Gordon', 'Schiff', 'gordon.schiff@unica.com', 1001);

insert into EFATTI.PARTICIPANTS (PARTICIPANTID, FIRSTNAME, LASTNAME, E
values (13, 'Lea', 'Winter', 'lea.winter@dataprise.nl', 1002);

insert into EFATTI.PARTICIPANTS (PARTICIPANTID, FIRSTNAME, LASTNAME, E
values (14, 'Anjelica', 'McCann', 'anjelica.mccann@aquickdelivery', 1(
```

Definition | Options | Result

DATA GENERATOR:

SQL | Output | Statistics

```
select * from Participants;
```

Select organizer | Select eventtype | Select participants | Select locations | Select event | Select orders | Select makeorder

	PARTICIPANTID	FIRSTNAME	LASTNAME	EMAIL	CLUBMEMBER
1	1	Alice	Green	alice@example.com	1
2	2	Bob	White	bob@example.com	0
3	3	Charlie	Black	charlie@example.com	1
4	4	Diana	Red	diana@example.com	0
5	5	Evan	Yellow	evan@example.com	1
6	6	Fiona	Blue	fiona@example.com	0
7	7	George	Pink	george@example.com	1
8	8	Hannah	Brown	hannah@example.com	0
9	9	Ian	Grey	ian@example.com	1
10	10	Julia	Orange	julia@example.com	0
11	11	Chris	Chaplin	chris.chaplin@valleyoaksystems	1000
12	12	Glen	Alston	glen.alston@visionarysystems.b	1001
13	13	Luke	Pullman	luke.pullman@onstaff.uk	1002
14	14	Stockard	Saucedo	stockard@mds.es	1003
15	15	Merillee	Voight	merilleev@techrx.com	1004
16	16	Joy	Miller	joy@scripnet.com	1005
17	17	Graham	Utada	graham.utada@lifelinesystems.c	1006
18	18	Whoopi	Yankovic	whoopiy@fflcbancorp.com	1007
19	19	Aida	Kelly	aida.k@fpf.jp	1008
20	20	Janice	Dayne	janice.dayne@y2marketing.ar	1009
21	21	Robin	Burstyn	rburstyn@verizon.com	1010
22	22	Edie	Esposito	edie.esposito@tmt.br	1011
23	23	Wesley	Vince	w.vince@ptg.fi	1012

1:1 | efatti@XE | 410 rows selected in 0.906 seconds

DATA GENERATOR:

LOCATIONS

Owner: EFATTI | Table: LOCATIONS | Number of records: 400

Name	Type	Size	Data
LOCATIONID	NUMBER		Sequence(11)
LOCATIONNAME	VARCHAR2	20	City
ADDRESS	VARCHAR2	30	Address1
CAPACITY	NUMBER		Random(50, 1000)
ACCESSIBILITY	VARCHAR2	20	List('Y', 'N')
CONTACTPERSON	NUMBER		'0' + List('54', '77', '58', '52', '53') + '-' + [0000000]
PARKING	NUMBER		Random(0, 100)

```
insert into EFATTI.LOCATIONS (LOCATIONID, LOCATIONNAME, ADDRESS, CAPA
values (11, 'El Dorado Hills', '10 Pastore Blvd', 839, 'Y', 054-97398

insert into EFATTI.LOCATIONS (LOCATIONID, LOCATIONNAME, ADDRESS, CAPA
values (12, 'Z□rich', '54 Wetzlar Street', 573, 'Y', 052-9492641, 51)

insert into EFATTI.LOCATIONS (LOCATIONID, LOCATIONNAME, ADDRESS, CAPA
values (13, 'Hearst', '3 Grand Rapids Street', 484, 'N', 052-9441623,

insert into EFATTI.LOCATIONS (LOCATIONID, LOCATIONNAME, ADDRESS, CAPA
values (14, 'Karachi', '82nd Street', 647, 'N', 053-2072535, 52);
```

DATA GENERATOR:

SQL Window - selectAll.sql

SQL | Output | Statistics

```
select * from Locations;
```

	LOCATIONID	LOCATIONNAME	ADDRESS	CAPACITY	ACCESSIBILITY	CONTACTPERSON	PARKIN
1	1	Sports Arena	123 Sports St	5000	Y	1	
2	2	Community Center	456 Community Rd	300	Y	2	
3	3	Cultural Hall	789 Culture Ave	800	Y	3	
4	4	Independence Park	101 Freedom Blvd	10000	N	4	
5	5	Theatre House	202 Drama Ln	1200	Y	5	
6	6	Memorial Hall	303 Remembrance Rd	600	Y	6	
7	7	Education Center	404 Learning St	400	Y	7	
8	8	Concert Hall	505 Music Ave	2000	Y	8	
9	9	Festival Grounds	606 Celebration Blvd	8000	Y	9	
10	10	Cinema Complex	707 Film St	1500	Y	10	
11	11	Lathrop	35 Gene Road	879	N	-9697022	
12	12	Jakarta	9 Swinton Drive	90	N	-8470089	
13	13	Villata	52nd Street	402	Y	-3527793	
14	14	Allen	3 Dern Drive	238	Y	-277303	
15	15	Nynäshamn	67 Pfeiffer	801	Y	-8204619	
16	16	Warrenton	3 Diehl Street	730	N	-6596218	
17	17	Eiksmarka	8 Towson Road	269	N	-4095436	
18	18	S. Bernardo do Campo	90 McCracken Ave	70	Y	-9985863	
19	19	Hochwald	48 CeCe Road	618	N	-6406240	
20	20	Rockville	49 Balaban Drive	697	Y	-7609908	
21	21	Essex	10 Loreena Street	261	N	-8180666	
22	22	Fountain Hills	62 Liu Road	939	Y	-550971	
23	23	Haverhill	57 Cottbus Road	299	Y	-4636658	
24	24	Riverdale	26 Seattle Road	167	N	-1356181	
25	25	Highton	341 Unionville	930	N	-2596437	
26	26	Leipzig	36 Hector Road	407	Y	-8502864	
27	27	Melrose park	64 Geoffrey	777	N	-7468540	
28	28	Kyoto	91 Ribeirao preto Street	559	Y	-1778951	
29	29	Swannanoa	13 Perrineau Ave	823	Y	-9305021	
30	30	Kuraby	12 St Jean de Soudain Street	966	N	-8489547	
31	31	Ciudad del Este	10 Goodman Drive	211	N	-8327175	
32	32	Z• rich	87 Gold Drive	928	N	-4077023	
33	33	Eschen	67 Duschel Road	930	N	-5562200	
34	34	Elkins Park	249 Raitt Blvd	995	N	-5107727	
35	35	Halfway house	78 Fairuza Street	244	N	-3485942	

4:25 | efatti@XE | 410 rows selected in 0.376 seconds

DATA GENERATOR:

EVENT

Owner: EFATTI | Table: EVENT | Number of records: 400

Name	Type	Size	Data
EVENTID	NUMBER		Sequence(11)
EVENTNAME	VARCHAR2	20	Company + ' marathon'
EVENTDATE	DATE		Random(2024-01-01 00:00, 2026-12-28 23:59)
EVENTDESCRIBE	VARCHAR2	100	'Running a marathon for health'
ORGANIZERID	NUMBER		List(select organizerId from Organizer)
EVENTTYPEID	NUMBER		List(select eventTypeId from EventType)
LOCATIONID	NUMBER		List(select locationId from Locations)

```
insert into EFATTI.EVENT (EVENTID, EVENTNAME, EVENTDATE, EVENTDESCRIBE
values (11, 'Heartland Payment Sy', to_date('29-06-2024 04:13:00', 'dd

insert into EFATTI.EVENT (EVENTID, EVENTNAME, EVENTDATE, EVENTDESCRIBE
values (12, 'Providence Service m', to_date('22-04-2025 00:15:00', 'dd

insert into EFATTI.EVENT (EVENTID, EVENTNAME, EVENTDATE, EVENTDESCRIBE
values (13, 'McKee Wallwork Hende', to_date('29-03-2024 12:10:00', 'dd

insert into EFATTI.EVENT (EVENTID, EVENTNAME, EVENTDATE, EVENTDESCRIBE
values (14, 'Tilson Landscape mar', to_date('03-07-2026 05:02:00', 'dd
```

Definition | Options | Result

efatti@XE — 400 records generated in 0.234 seconds

DATA GENERATOR:

SQL | Output | Statistics

```
select * from Event;
```

	EVENTID	EVENTNAME	EVENTDATE	EVENTDESCRIBE	ORGANIZERID	EVENTTYPEII
1	1	Sports Event	01/06/2024 18:30:00	A local sports event.	1	
2	2	Community Gathering	05/06/2024 15:30:00	A gathering for the community.	2	
3	3	Cultural Night	10/06/2024 19:30:00	An evening of cultural performances.	3	
4	4	Independence Day	15/06/2024 17:30:00	Celebration of Independence Day.	4	
5	5	Theatre Play	20/06/2024 20:30:00	A theatre performance.	5	
6	6	Memorial Service	25/06/2024 10:30:00	A service to remember fallen heroes.	6	
7	7	Educational Workshop	01/07/2024 14:30:00	A workshop on educational topics.	7	
8	8	Music Concert	05/07/2024 21:30:00	A live music concert.	8	
9	9	Summer Festival	10/07/2024 16:30:00	A summer festival with various activities.	9	
10	10	Film Screening	15/07/2024 19:30:00	A screening of a popular film.	10	
11	11	Capella Education ma	09/09/2025 10:41:00	Running a marathon for health	134	
12	12	Y2Marketing marathon	12/01/2024 04:18:00	Running a marathon for health	198	
13	13	QSS Group marathon	20/01/2024 04:10:00	Running a marathon for health	292	
14	14	Analytics Operations	26/05/2025 08:26:00	Running a marathon for health	321	
15	15	Biosite marathon	24/10/2025 23:10:00	Running a marathon for health	173	
16	16	Priority Leasing mar	16/10/2026 05:24:00	Running a marathon for health	257	
17	17	Solution Builders ma	30/06/2024 04:08:00	Running a marathon for health	17	
18	18	Young Innovations ma	30/01/2026 17:38:00	Running a marathon for health	7	
19	19	AT&T Wireless marath	06/03/2025 17:22:00	Running a marathon for health	21	
20	20	Harrison & Shriftman	20/07/2024 18:54:00	Running a marathon for health	262	
21	21	PepsiCo marathon	21/07/2024 18:29:00	Running a marathon for health	264	
22	22	SurModics marathon	10/05/2026 00:22:00	Running a marathon for health	34	
23	23	Y2Marketing marathon	11/05/2025 11:03:00	Running a marathon for health	366	
24	24	Tarragon Realty mara	15/04/2024 14:10:00	Running a marathon for health	8	
25	25	Hospital Solutions m	19/01/2025 11:50:00	Running a marathon for health	29	
26	26	Prosperity Bancshare	18/06/2026 06:22:00	Running a marathon for health	200	
27	27	Swiss Watch Internat	07/07/2024 04:25:00	Running a marathon for health	406	
28	28	Integra Telecom mara	17/01/2024 09:52:00	Running a marathon for health	160	
29	29	MicroTek marathon	22/03/2025 11:10:00	Running a marathon for health	30	
30	30	Air Methods marathon	18/08/2024 14:23:00	Running a marathon for health	50	
31	31	Portage Environmenta	21/12/2026 08:50:00	Running a marathon for health	260	
32	32	Staff Force marathon	15/07/2024 06:00:00	Running a marathon for health	230	
33	33	Balchem marathon	03/08/2025 05:59:00	Running a marathon for health	354	
34	34	Tilia marathon	24/07/2024 03:24:00	Running a marathon for health	391	
35	35	Bluff City Steel mar	28/11/2025 20:17:00	Running a marathon for health	162	
36	36	Cima Consulting Grou	15/02/2026 03:01:00	Running a marathon for health	60	
37	37	Democracy Data & Com	29/05/2024 05:43:00	Running a marathon for health	248	
38	38	Priority Leasing mar	23/11/2024 10:50:00	Running a marathon for health	262	

& 5:1 | efatti@XE | 410 rows selected in 0.562 seconds

DATA GENERATOR:

Owner: EFATTI | Table: ORDERS | Number of records: 400

Name	Type	Size	Data
ORDERID	NUMBER		Sequence(11)
TICKETAMOUNT	NUMBER		Random(1, 5)
TICKETCOST	NUMBER		Random(0, 50)
ORDERDATE	DATE		Random(2024-01-01 00:00, 2026-12-28 23:59)
EVENTID	NUMBER		List(select eventID from Event)

```
insert into EFATTI.ORDERS (ORDERID, TICKETAMOUNT, TICKETCOST, ORDERDA
values (11, 2, 31, to_date('05-10-2024 20:39:00', 'dd-mm-yyyy hh24:mi

insert into EFATTI.ORDERS (ORDERID, TICKETAMOUNT, TICKETCOST, ORDERDA
values (12, 1, 9, to_date('21-08-2024 15:01:00', 'dd-mm-yyyy hh24:mi::

insert into EFATTI.ORDERS (ORDERID, TICKETAMOUNT, TICKETCOST, ORDERDA
values (13, 2, 33, to_date('06-07-2024 02:01:00', 'dd-mm-yyyy hh24:mi

insert into EFATTI.ORDERS (ORDERID, TICKETAMOUNT, TICKETCOST, ORDERDA
values (14, 3, 41, to_date('22-03-2024 12:03:00', 'dd-mm-yyyy hh24:mi
```

Definition | Options | Result

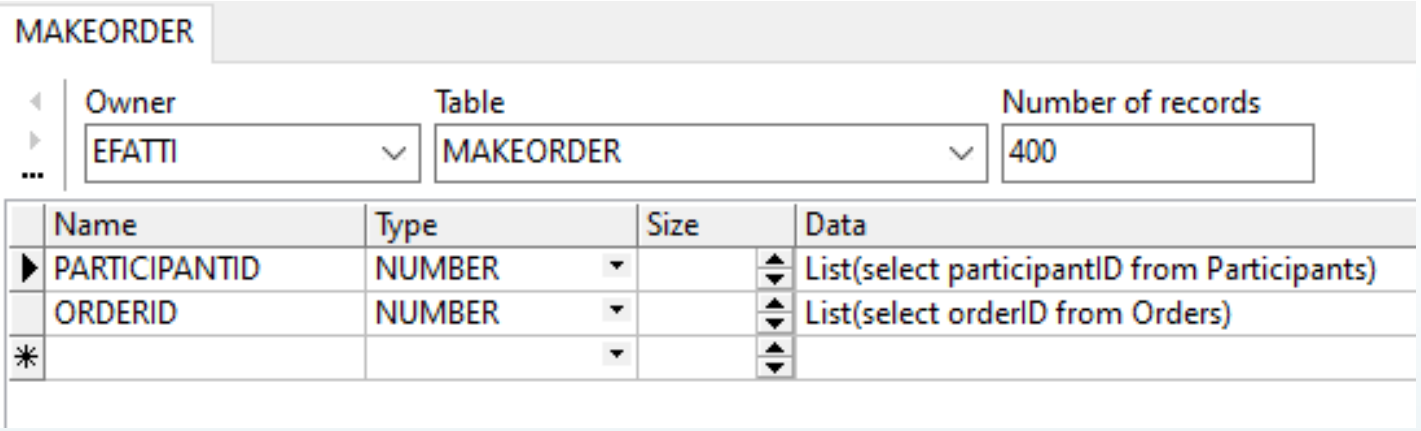
DATA GENERATOR:

```
select * from Orders;
```

	ORDERID	TICKETAMOUNT	TICKETCOST	ORDERDATE	EVENTID
1	1	2	50	01/05/2024	1
2	2	4	0	02/05/2024	2
3	3	3	20	03/05/2024	3
4	4	5	0	04/05/2024	4
5	5	2	30	05/05/2024	5
6	6	4	0	06/05/2024	6
7	7	1	10	07/05/2024	7
8	8	3	40	08/05/2024	8
9	9	6	25	09/05/2024	9
10	10	2	15	10/05/2024	10
11	11	5	22	21/03/2025 15:27:00	237
12	12	5	25	02/12/2025 17:29:00	181
13	13	4	4	19/08/2026 11:53:00	204
14	14	1	14	22/04/2025 18:50:00	223
15	15	1	19	25/04/2025 20:45:00	187
16	16	5	4	26/09/2024 22:16:00	302
17	17	3	30	04/07/2025 23:59:00	398
18	18	1	18	24/09/2025 01:16:00	71
19	19	3	13	01/04/2025 13:50:00	119
20	20	2	21	29/05/2024 01:35:00	124
21	21	2	5	07/08/2026 04:31:00	282
22	22	2	39	24/01/2026 14:07:00	89
23	23	1	14	19/12/2025 13:56:00	130
24	24	2	28	01/10/2024 05:12:00	211
25	25	1	28	06/05/2026 10:36:00	259
26	26	1	1	04/09/2025 08:26:00	320
27	27	1	31	06/07/2026 18:16:00	150
28	28	2	9	05/09/2026 14:03:00	234
29	29	2	22	27/02/2026 18:06:00	33
30	30	5	15	18/07/2024 15:44:00	4
31	31	2	28	11/12/2025 08:06:00	114
32	32	2	33	10/04/2025 22:52:00	378
33	33	3	36	04/07/2025 04:18:00	26
34	34	5	15	04/05/2025 14:29:00	217
35	35	3	13	24/05/2025 07:16:00	153
36	36	2	42	24/10/2026 02:29:00	296
37	37	5	40	13/12/2026 06:14:00	321
38	38	1	14	25/06/2026 12:35:00	360
39	39	3	40	19/02/2024 20:42:00	350
40	40	3	3	13/11/2026 06:32:00	105

6:1 efatti@XE 410 rows selected in 0.437 seconds

DATA GENERATOR:




```
insert into EFATTI.MAKEORDER (PARTICIPANTID, ORDERID)
values (6, 375);

insert into EFATTI.MAKEORDER (PARTICIPANTID, ORDERID)
values (398, 203);

insert into EFATTI.MAKEORDER (PARTICIPANTID, ORDERID)
values (65, 43);

insert into EFATTI.MAKEORDER (PARTICIPANTID, ORDERID)
values (209, 272);
```

Definition | Options | Result

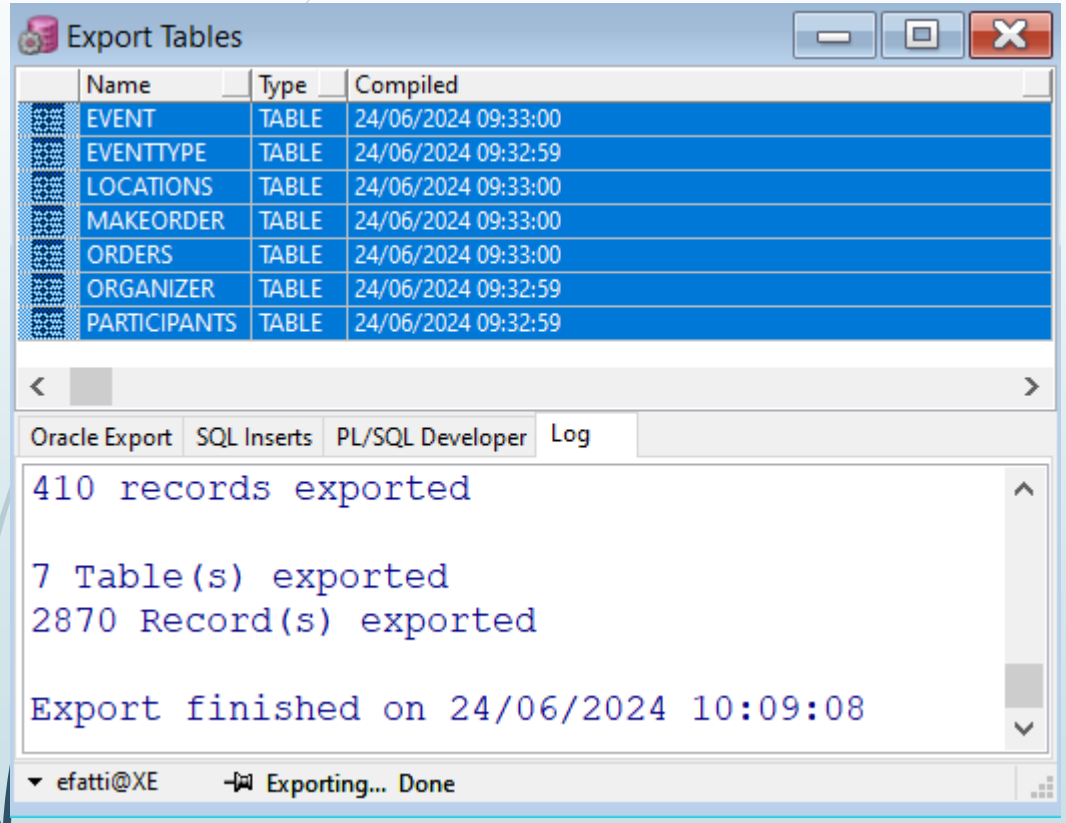
DATA GENERATOR:

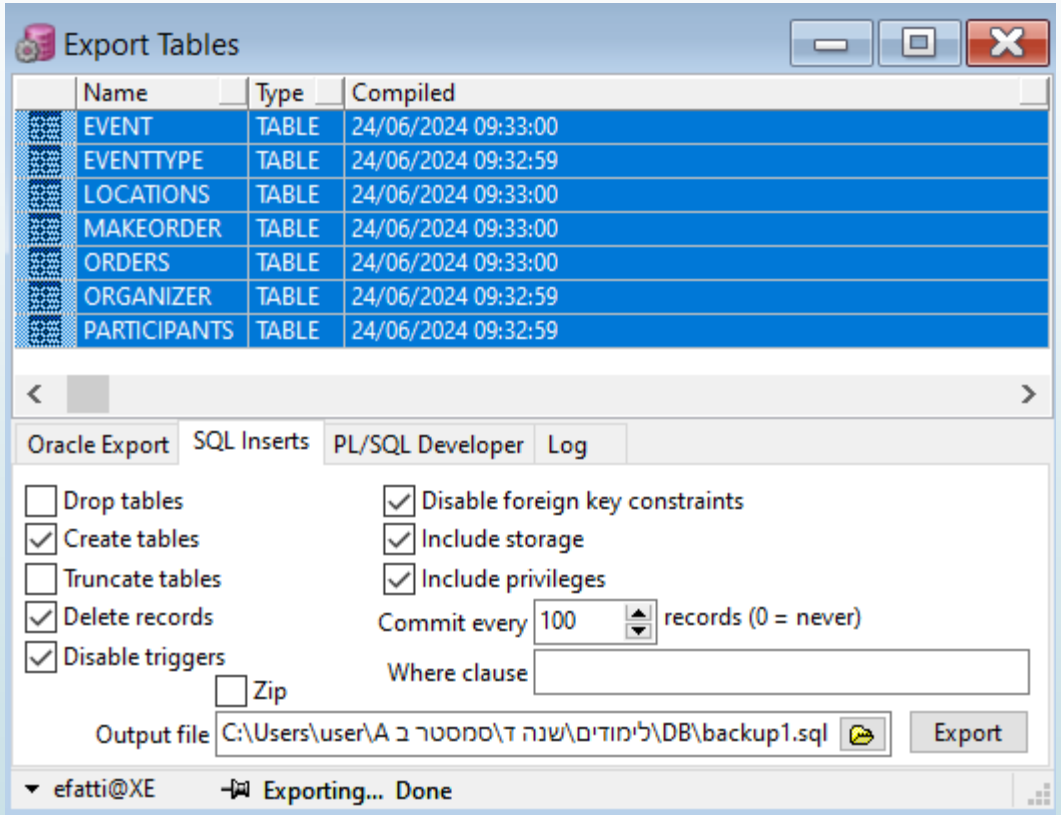
```
select * from MakeOrder;
```

	PARTICIPANTID	ORDERID
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	104	53
12	86	326
13	45	77
14	175	182
15	396	304
16	209	108
17	177	156
18	219	24
19	101	52
20	16	134
21	308	279
22	59	245
23	405	18
24	277	301
25	289	330
26	189	45
27	250	215
28	90	290
29	151	397
30	290	230
31	78	82
32	18	39
33	10	298
34	170	111
35	266	81
36	214	245
37	101	168
38	214	170
39	90	237
40	121	12

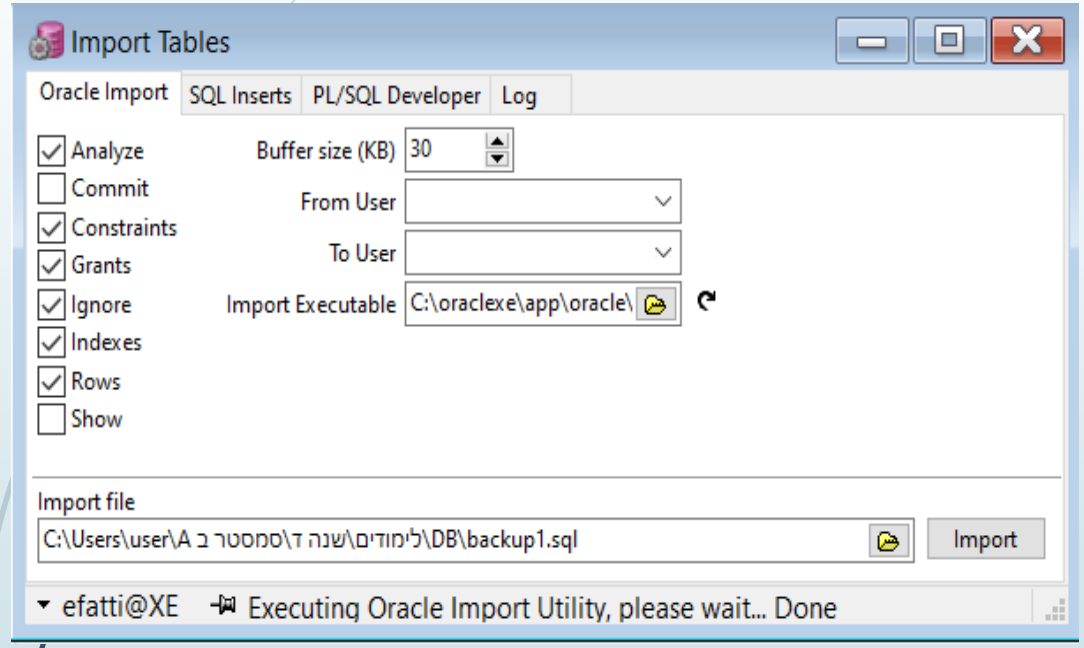
7:1 efatti@XE 410 rows selected in 0.437 seconds

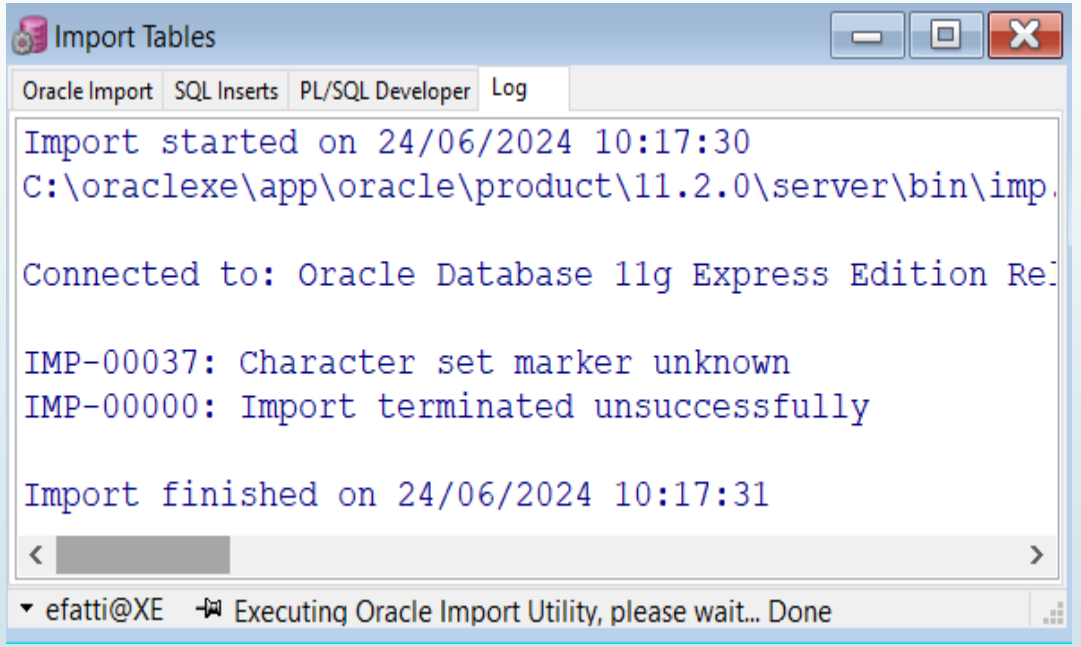
גיבוי


Export Tables
Name
Type
Compiled
EVENT
TABLE
24/06/2024 09:33:00
EVENTTYPE
TABLE
24/06/2024 09:32:59
LOCATIONS
TABLE
24/06/2024 09:33:00
MAKEORDER
TABLE
24/06/2024 09:33:00
ORDERS
TABLE
24/06/2024 09:33:00
ORGANIZER
TABLE
24/06/2024 09:32:59
PARTICIPANTS
TABLE
24/06/2024 09:32:59
Oracle Export
SQL Inserts
PL/SQL Developer
Log
410 records exported
7 Table(s) exported
2870 Record(s) exported
Export finished on 24/06/2024 10:09:08
efatti@XE
Exporting... Done


Export Tables
Name
Type
Compiled
EVENT
TABLE
24/06/2024 09:33:00
EVENTTYPE
TABLE
24/06/2024 09:32:59
LOCATIONS
TABLE
24/06/2024 09:33:00
MAKEORDER
TABLE
24/06/2024 09:33:00
ORDERS
TABLE
24/06/2024 09:33:00
ORGANIZER
TABLE
24/06/2024 09:32:59
PARTICIPANTS
TABLE
24/06/2024 09:32:59
Oracle Export
SQL Inserts
PL/SQL Developer
Log
Drop tables
Create tables
Truncate tables
Delete records
Disable triggers
Zip
Disable foreign key constraints
Include storage
Include privileges
Commit every
100
records (0 = never)
Where clause
Output file
C:\Users\user\A סמסטר ב\ד שנה\לימודים\DB\backup1.sql
Export
efatti@XE
Exporting... Done

שחזור


Import Tables
Oracle Import
SQL Inserts
PL/SQL Developer
Log
Analyze
Commit
Constraints
Grants
Ignore
Indexes
Rows
Show
Buffer size (KB)
30
From User
To User
Import Executable
C:\oraclexe\app\oracle\
Import file
C:\Users\user\A סמסטר ב\לימודים\שנה ד\DB\backup1.sql
Import
efatti@XE
Executing Oracle Import Utility, please wait... Done


Import Tables
Oracle Import
SQL Inserts
PL/SQL Developer
Log
Import started on 24/06/2024 10:17:30
C:\oraclexe\app\oracle\product\11.2.0\server\bin\imp
Connected to: Oracle Database 11g Express Edition Re
IMP-00037: Character set marker unknown
IMP-00000: Import terminated unsuccessfully
Import finished on 24/06/2024 10:17:31
efatti@XE
Executing Oracle Import Utility, please wait... Done

שאילתות SELECT

משתתפים עם חבר מועדון ירושלמי שנרשמו לאירוע שממוקם בירושלים

```
SELECT p.participantID, p.firstName, p.lastName, e.eventName,
l.locationName
FROM Participants p
JOIN MakeOrder mo ON p.participantID = mo.participantID
JOIN Orders o ON mo.orderID = o.orderID
JOIN Event e ON o.eventID = e.eventID
JOIN Locations l ON e.locationId = l.locationId
WHERE p.clubMember != 1 AND l.address LIKE '%Jerusalem%';
```

```
-- Select Queries
--Participants with club membership in Jerusalem for events located in '707 Film St':
SELECT p.participantID, p.firstName, p.lastName, e.eventName, l.locationName
FROM Participants p
JOIN MakeOrder mo ON p.participantID = mo.participantID
JOIN Orders o ON mo.orderID = o.orderID
JOIN Event e ON o.eventID = e.eventID
JOIN Locations l ON e.locationId = l.locationId
WHERE p.clubMember != 1 AND l.address LIKE '707 Film St';
```

	PARTICIPANTID	FIRSTNAME	LASTNAME	EVENTNAME	LOCATIONNAME
1	10	Julia	Orange	Film Screening	Cinema Complex

שאילתות SELECT

אירועים עם קיבולת של לפחות 100 ועם נגישות

```
SELECT e.eventID, e.eventName, l.locationName, l.capacity, l.accessibility
FROM Event e
JOIN (SELECT locationId, locationName, capacity, accessibility FROM
Locations ) l
ON e.locationId = l.locationId
WHERE  e.eventID IN
    (SELECT eventID
     FROM Event
     WHERE locationId IN
        (SELECT locationId
         FROM Locations
         WHERE capacity >= 100 AND accessibility NOT IN ('N', 'NO')) )
ORDER BY l.capacity DESC, e.eventName;
```

```
SELECT e.eventID, e.eventName, l.locationName, l.capacity, l.accessibility
FROM Event e
JOIN (SELECT locationId, locationName, capacity, accessibility
     FROM  Locations ) l
ON
    e.locationId = l.locationId
WHERE  e.eventID IN
    (SELECT eventID
     FROM Event
```

Select event | Select participants

	PARTICIPANTID	FIRSTNAME	LASTNAME	ORDERID	TICKETAMOUNT
1	3	Charlie	Black	3	3
2	1	Alice	Green	1	2
3	9	Ian	Grey	9	6
4	5	Evan	Yellow	5	2

שאילתות SELECT

משתתפים עם חבר מועדון ירושלמי שהזמינו יותר מכרטיס אחד

```
SELECT p.participantID, p.firstName, p.lastName, o.orderID,
o.ticketAmount
FROM Participants p
JOIN MakeOrder mo ON p.participantID = mo.participantID
JOIN Orders o ON mo.orderID = o.orderID
WHERE p.clubMember = 1
  AND o.ticketAmount > 1
ORDER BY p.lastName, o.orderID;
```

```
-- Orders made more than two days before the event date
SELECT o.orderID, o.ticketAmount, o.ticketCost, o.orderDate, e.eventDate, e.eventName
FROM Orders o
JOIN Event e ON o.eventID = e.eventID
WHERE (e.eventDate - o.orderDate) > 2
ORDER BY e.eventDate, o.orderDate;
```

	ORDERID	TICKETAMOUNT	TICKETCOST	ORDERDATE	EVENTDATE	EVENTNAME
1	400	2	48	13/01/2024 16:29:00	23/01/2024 03:44:00	Alternative Business
2	265	5	34	26/01/2024 03:03:00	03/03/2024 08:15:00	SurModics marathon
3	61	5	9	23/02/2024 23:15:00	24/03/2024 16:02:00	Horizon Organic mara
4	159	5	44	07/04/2024 18:20:00	16/05/2024 01:48:00	MoneyLine Lending Se
5	1	2	7	01/05/2024	01/06/2024 18:30:00	Sports Event
6	2	4	0	02/05/2024	05/06/2024 15:30:00	Community Gathering
7	3	3	3	03/05/2024	10/06/2024 19:30:00	Cultural Night
8	4	5	0	04/05/2024	15/06/2024 17:30:00	Independence Day
9	5	2	4	05/05/2024	20/06/2024 20:30:00	Theatre Play
10	6	4	0	06/05/2024	25/06/2024 10:30:00	Memorial Service

שאילתות SELECT

הזמנה בוצעה לפחות יומיים לפני האירוע

```
SELECT o.orderID, o.ticketAmount, o.ticketCost, o.orderDate,
e.eventDate, e.eventName

FROM Orders o

JOIN Event e ON o.eventID = e.eventID

WHERE (e.eventDate - o.orderDate) > 2

ORDER BY e.eventDate, o.orderDate;
```

```
-- Orders made more than two days before the event date
SELECT o.orderID, o.ticketAmount, o.ticketCost, o.orderDate, e.eventDate, e.eventName
FROM Orders o
JOIN Event e ON o.eventID = e.eventID
WHERE (e.eventDate - o.orderDate) > 2
ORDER BY e.eventDate, o.orderDate;
```

	ORDERID	TICKETAMOUNT	TICKETCOST	ORDERDATE	EVENTDATE	EVENTNAME
1	400	2	48	13/01/2024 16:29:00	23/01/2024 03:44:00	Alternative Business
2	265	5	34	26/01/2024 03:03:00	03/03/2024 08:15:00	SurModics marathon
3	61	5	9	23/02/2024 23:15:00	24/03/2024 16:02:00	Horizon Organic mara
4	159	5	44	07/04/2024 18:20:00	16/05/2024 01:48:00	MoneyLine Lending Se
5	1	2	7	01/05/2024	01/06/2024 18:30:00	Sports Event
6	2	4	0	02/05/2024	05/06/2024 15:30:00	Community Gathering
7	3	3	3	03/05/2024	10/06/2024 19:30:00	Cultural Night
8	4	5	0	04/05/2024	15/06/2024 17:30:00	Independence Day
9	5	2	4	05/05/2024	20/06/2024 20:30:00	Theatre Play
10	6	4	0	06/05/2024	25/06/2024 10:30:00	Memorial Service

שאילתות SELECT

הצגת המחיר הסופי פלוס הנחה לחבר מועדון

```
SELECT mo.orderID, mo.participantID, o.ticketAmount *
o.ticketCost * 0.7 AS finalPrice
FROM MakeOrder mo
JOIN Orders o ON mo.orderID = o.orderID
JOIN Participants p ON mo.participantID = p.participantID
WHERE p.clubMember != 0;
```

```
-the final price for clubmember
ELECT mo.orderID, mo.participantID, o.ticketAmount * o.ticketCost * 0.7 AS finalPrice
ROM MakeOrder mo
OIN Orders o ON mo.orderID = o.orderID
OIN Participants p ON mo.participantID = p.participantID
HERE p.clubMember != 0;
```

	ORDERID	PARTICIPANTID	FINALPRICE
1	1	1	5.6
2	3	3	4.2
3	5	5	2.8
4	7	7	0.7
5	9	9	8.4
6	11	209	43.4
7	12	387	4.2
8	12	79	4.2
9	12	21	4.2
10	13	293	32.2

שאילתת מחיקה

מחיקת כל המשתתפים שיש להם חבר מועדון בסוף שנה

```
DELETE FROM Participants
WHERE clubMember != 0
  AND TO_CHAR(SYSDATE, 'YYYY') = '2023';;(
```

שאילתת מחיקה

מחיקת כל האירועים מסוג ספציפי

```
DELETE FROM Event
WHERE eventTypeId = (
  SELECT eventTypeId
  FROM EventType
  WHERE eventType = 'Specific Type'
);
```

שאילתת עדכון

עדכון הנחה לכרטיסים של יום העצמאות

```
UPDATE Orders
SET ticketCost = ticketCost / 2
WHERE eventID IN (
  SELECT eventID
  FROM Event
  WHERE eventDate = TO_DATE('2024-05-15', 'YYYY-MM-DD')
```

שאילתת עדכון

עדכון הנחה נוספת מיוחדת לכרטיס ירושלמי

```
UPDATE Orders
SET ticketCost = ticketCost / 2
WHERE orderID IN (
  SELECT mo.orderID
  FROM MakeOrder mo
  JOIN Participants p ON mo.participantID = p.participantID
  WHERE p.clubMember = 1
);
```

אילוצים

אילוץ- מס טלפון לא יותר מ10 ספרות

```
ALTER TABLE Participants
ADD CONSTRAINT chk_phone_length CHECK (LENGTH(phone) = 10);
```

אילוץ- הערך ברירת מחדל של חנייה יהיה 0

```
ALTER TABLE Locations
MODIFY parking DEFAULT 0;
```

אילוץ- התיאור של סוג אירוע לא יהיה NULL

```
ALTER TABLE EventType
MODIFY typeDescription NOT NULL;
```