מיני פרויקט בבסיסי נתונים

אגף מבצעים באיחוד הצלה

מגישות: מוריה חדד

לאה ג'ייקוב

מיני פרויקט בבסיסי נתונים

תיאור הארגון

איחוד הצלה הוא ארגון מתנדבים מוביל בישראל, אשר מאגד כ-6,500 חובשים, פרמדיקים ורופאים מרחבי המדינה. תפקידו העיקרי הוא לספק עזרה ראשונה ורפואית במצבי חירום וקריאות חירום. אגף המבצעים של האיחוד אחראי על מספר משימות מרכזיות:

1. תוכניות והפעלה ארגונית- האגף מפתח תוכניות ותהליכי פעולה למקרי חירום ומשבצת אותם בצורה ארגונית ויעילה. זה כולל תכנון והפעלת ציוד, תקשורת, ואיכות השירות.
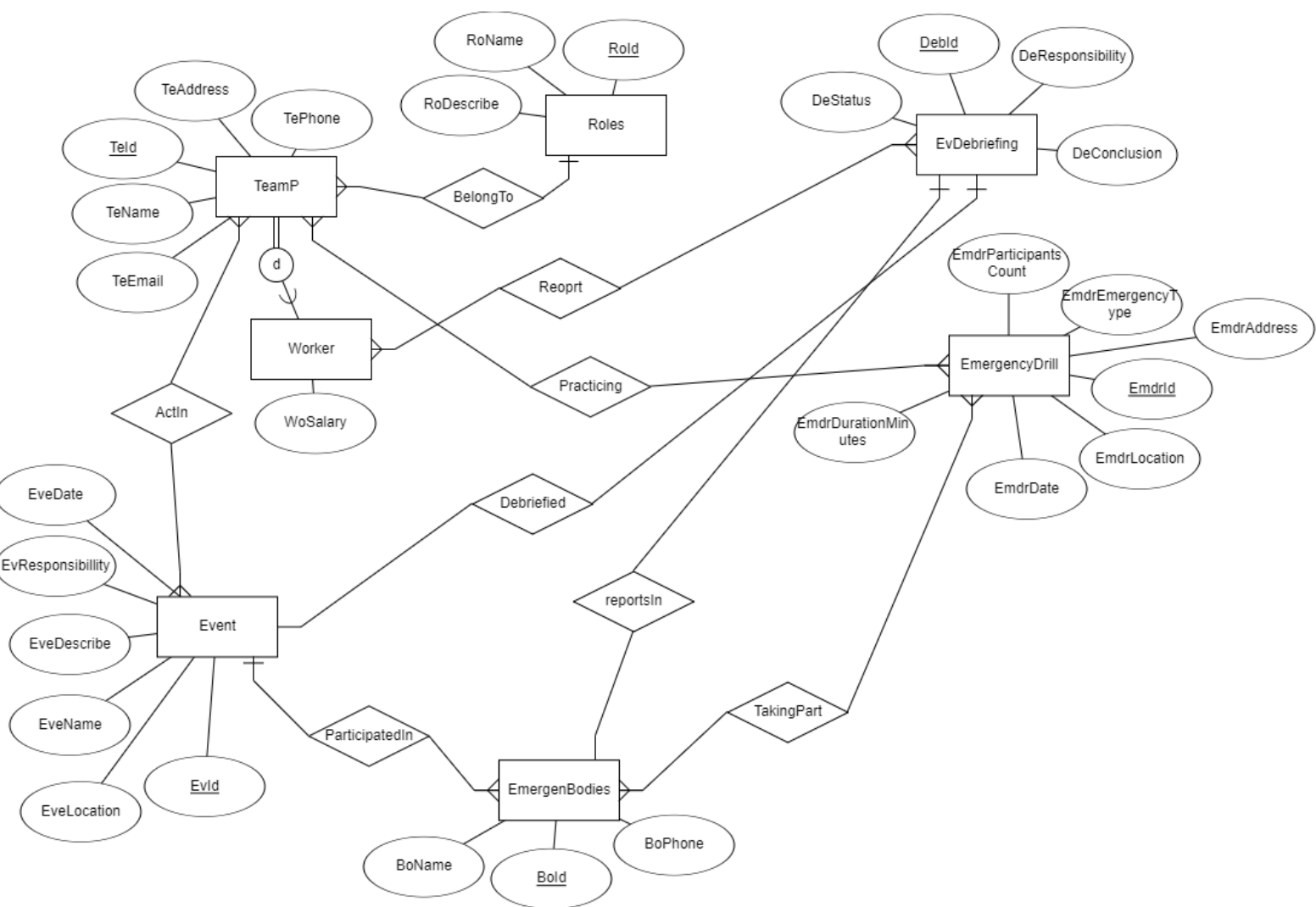
2. הכשרות- האגף מתעסק בהכשרת חובשים ופרמדיקים, ובהכנתם לפעילות חירום. זה כולל הדרכות מעשיות ותיאורטיות, ואימונים על תקשורת וציוד מיוחד.

3. הכנה לחירום ולמלחמה- האגף משקיע מאמץ בהכנה והתאמה של הארגון לסצנת חירום או מצבי מלחמה. זה כולל תוכניות תקשורת, ציוד ותוכניות פעולה משותפות עם גופים אחרים כמו משטרה, כבאות והצלה, ורח״ל.

4. תחקירים מבצעיים- לאחר אירועים גדולים, האגף מבצע תחקירים מעמיקים ומפורטים על האירוע ועל תגובתו של הארגון. תוצאות התחקירים משמשות לשיפור והתייעצות בעתיד.

אגף המבצעים פועל בשיתוף פעולה עם גופים רלוונטיים נוספים ומקיים קשרים מבצעיים עם המשטרה, כבאות והצלה, רח״ל וגופים אחרים, כדי לאפשר פעילות משותפת בזמן אמת ותגובה מהירה ויעילה במצבי חירום.

RoName

RoId

TeAddress

TePhone

RoDescribe

Roles

DebId

DeResponsibility

DeStatus

EvDebriefing

DeConclusion

TeId

TeName

TeamP

BelongTo

TeEmail

d

Reoprt

EmdrParticipants Count

EmdrEmergencyType

EmdrAddress

Worker

Practicing

EmergencyDrill

EmdrId

WoSalary

EmdrDurationMinutes

EmdrLocation

EmdrDate

EveDate

Debriefed

EvResponsibillity

reportsIn

EveDescribe

Event

EveName

TakingPart

EvId

EveLocation

ParticipatedIn

EmergenBodies

BoPhone

BoName

BoId

ActIn

תיאור הישויות והקשרים בדיאגרמה

ישויות

Team (צוות)

- תכונות:

- TeId (מזהה ייחודי של הצוות)

- TeName (שם הצוות)

- TeAddress (כתובת הצוות)

- TePhone (טלפון הצוות)

- TeEmail (אימייל הצוות)

- קשרים: מורשת לישות Worker.

Worker (עובד)

- תכונות:

- TeId (מזהה ייחודי של הצוות אליו שייך העובד)

- WoSalary (שכר העובד)

- קשרים: ירושה מישות Team.

Roles (תפקידים)

- תכונות:

- RoId (מזהה ייחודי של התפקיד)

- RoName (שם התפקיד)

- RoDescribe (תיאור התפקיד)

- קשרים: כל צוות משויך לתפקיד מסוים.

Event (אירועים)

- תכונות:

- EvId (מזהה ייחודי של האירוע)

- EveName (שם האירוע)

- EveDate (תאריך האירוע)

- EveLocation (מיקום האירוע)

- EvResponsibillity (אחראי האירוע)

- EveDescribe (תיאור האירוע)

- קשרים: מקושר לגופי חירום ולצוותים המשתתפים.

EmergenBodies (גופי חירום)

- תכונות:

- BoId (מזהה ייחודי של גוף החירום)

- BoName (שם גוף החירום)

- BoPhone (טלפון של גוף החירום)

- EvId (מזהה ייחודי של האירוע בו גוף החירום משתתף)

- קשרים: מקושר לאירועים בהם משתתפים גופי החירום.

EmergencyDrill (תרגילי חירום)

- תכונות:

- EmdrId (מזהה ייחודי של תרגיל החירום)

- EmdrDate (תאריך התרגיל)

- EmdrDurationMinutes (משך התרגיל בדקות)

- EmdrEmergencyType (סוג החירום)

- EmdrLocation (מיקום התרגיל)

- EmdrParticipantsCount (מספר המשתתפים בתרגיל)

- EmdrAddress (כתובת התרגיל)

- קשרים: מקושר לצוותים המשתתפים בתרגילים.

EvDebriefing (תחקיר אירוע)

- תכונות:

- DebId (מזהה ייחודי של התחקיר)

- DeResponsibility (אחראי התחקיר)

- DeStatus (סטטוס התחקיר)

- DeConclusion (מסקנת התחקיר)

- קשרים: תחקירים מבוצעים על ידי עובדים ומשויכים לאירועים ספציפיים.

קשרים

BelongTo

- קשר בין הצוות לתפקיד (Roles). כל צוות משויך לתפקיד אחד.

משתתפים (ActIn)

- קשר בין צוותים לאירועים. כל צוות יכול להשתתף באירועים שונים.

לוקח חלק (TakingPart)

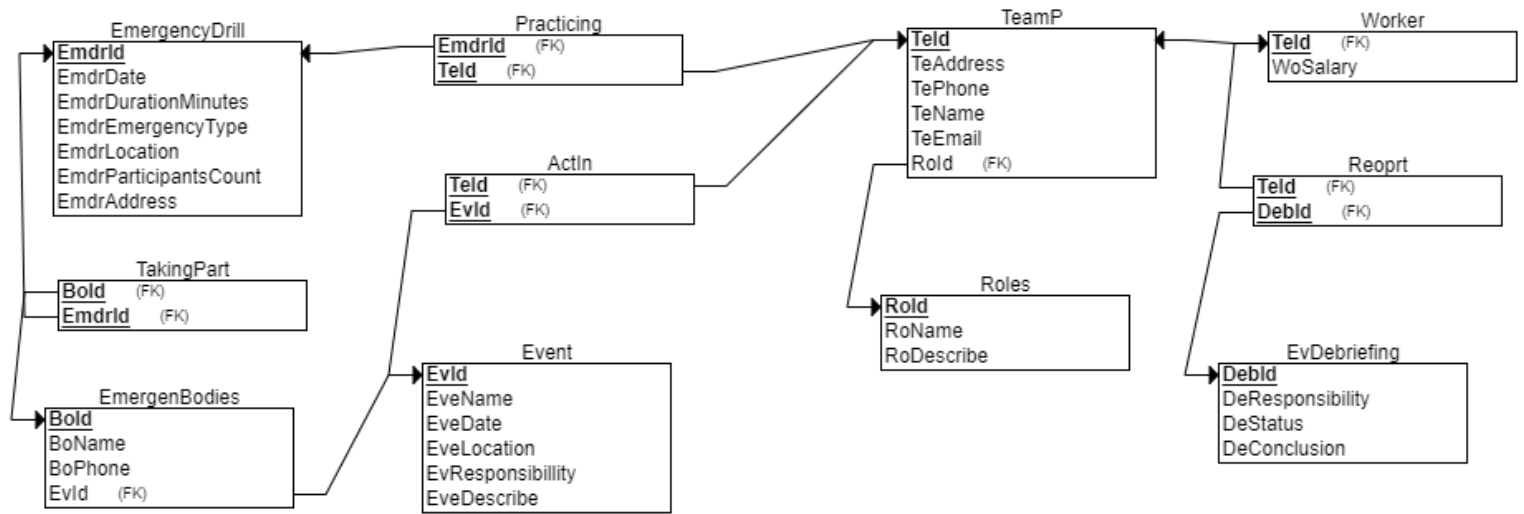- קשר בין גופי חירום לתרגילים. כל גוף חירום יכול להשתתף בתרגילים שונים.

Practicing -

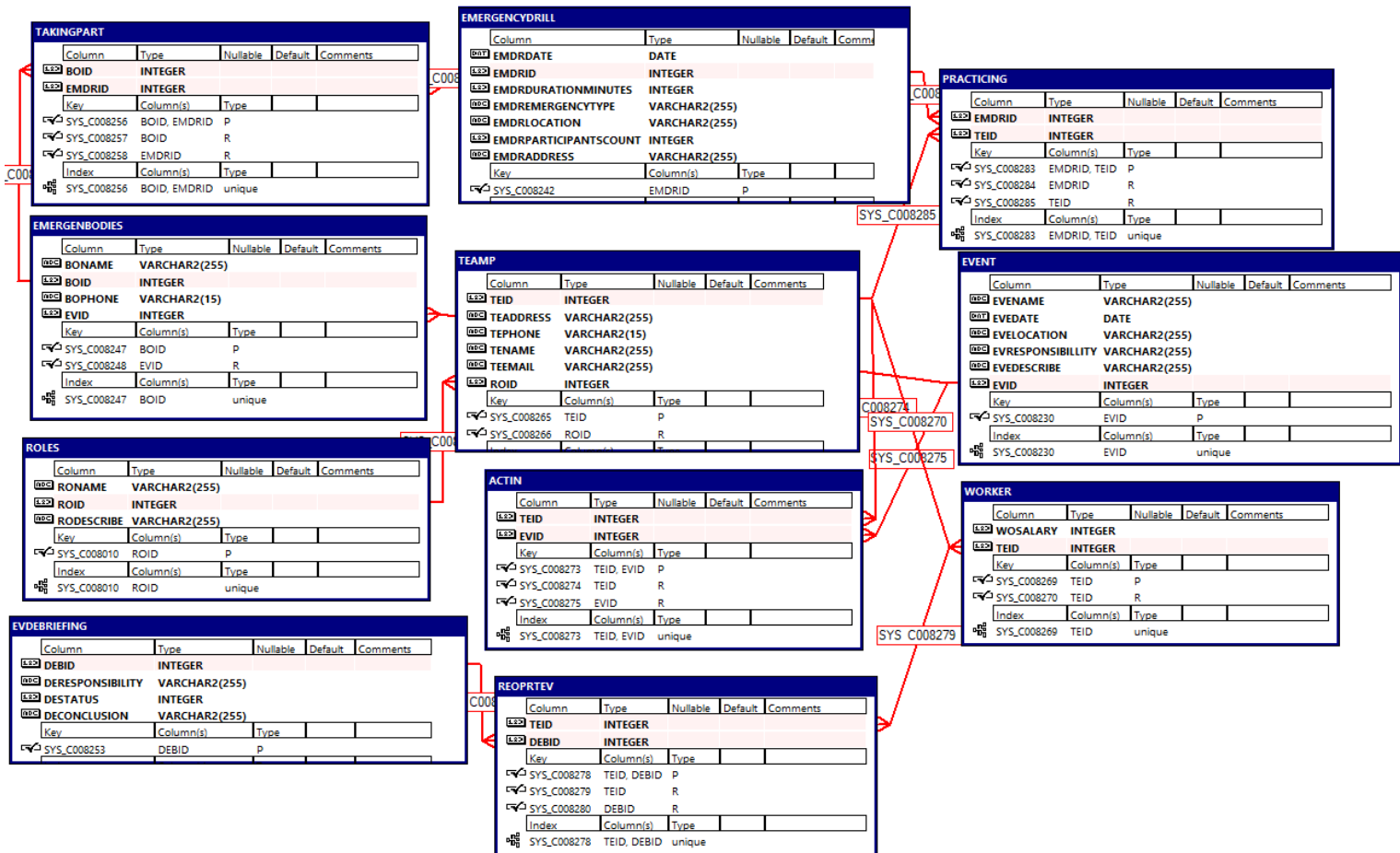קשר בין צוותים לתרגילים. כל צוות יכול להשתתף בתרגילים שונים.

ReoprtEv -

- קשר בין עובדים לתחקירים. כל עובד יכול לדווח על תחקירים של אירועים שונים.

המודל הנתון משקף את מבנה הארגון של איחוד הצלה, הכולל צוותים עם תפקידים מוגדרים, משתתפים באירועים ובתרגילי חירום, ומבצעים תחקירים לאחר האירועים לצורך שיפור והתייעלות. הקשרים בין הישויות מתארים את יחסי הגומלין בין הצוותים, האירועים, התרגילים וגופי החירום השונים, ומבטיחים פעילות משותפת ותגובה מהירה ויעילה במצבי חירום.

תרשים DSD-

EmergencyDrill
EmdrId
EmdrDate
EmdrDurationMinutes
EmdrEmergencyType
EmdrLocation
EmdrParticipantsCount
EmdrAddress

Practicing
EmdrId (FK)
TeId (FK)

TeamP
TeId
TeAddress
TePhone
TeName
TeEmail
RoId (FK)

Worker
TeId (FK)
WoSalary

ActIn
TeId (FK)
EvId (FK)

TakingPart
BoId (FK)
EmdrId (FK)

Reoprt
TeId (FK)
DebId (FK)

Roles
RoId
RoName
RoDescribe

EmergenBodies
BoId
BoName
BoPhone
EvId (FK)

Event
EvId
EveName
EveDate
EveLocation
EvResponsibillity
EveDescribe

EvDebriefing
DebId
DeResponsibility
DeStatus
DeConclusion

TAKINGPART

Column	Type	Nullable	Default	Comments
BOID	INTEGER			
EMDRID	INTEGER			
Key	Column(s)	Type		
SYS_C008256	BOID, EMDRID	P		
SYS_C008257	BOID	R		
SYS_C008258	EMDRID	R		
Index	Column(s)	Type		
SYS_C008256	BOID, EMDRID	unique		

EMERGENCYDRILL

Column	Type	Nullable	Default	Comm
EMDRDATE	DATE			
EMDRID	INTEGER			
EMDRDURATIONMINUTES	INTEGER			
EMDREMERGENCYTYPE	VARCHAR2(255)			
EMDRLOCATION	VARCHAR2(255)			
EMDRPARTICIPANTSCOUNT	INTEGER			
EMDRADDRESS	VARCHAR2(255)			
Key	Column(s)	Type		
SYS_C008242	EMDRID	P		

PRACTICING

Column	Type	Nullable	Default	Comments
EMDRID	INTEGER			
TEID	INTEGER			
Key	Column(s)	Type		
SYS_C008283	EMDRID, TEID	P		
SYS_C008284	EMDRID	R		
SYS_C008285	TEID	R		
Index	Column(s)	Type		
SYS_C008283	EMDRID, TEID	unique		

EMERGENBODIES

Column	Type	Nullable	Default	Comments
BONAME	VARCHAR2(255)			
BOID	INTEGER			
BOPHONE	VARCHAR2(15)			
EVID	INTEGER			
Key	Column(s)	Type		
SYS_C008247	BOID	P		
SYS_C008248	EVID	R		
Index	Column(s)	Type		
SYS_C008247	BOID	unique		

TEAMP

Column	Type	Nullable	Default	Comments
TEID	INTEGER			
TEADDRESS	VARCHAR2(255)			
TEPHONE	VARCHAR2(15)			
TENAME	VARCHAR2(255)			
TEEMAIL	VARCHAR2(255)			
ROID	INTEGER			
Key	Column(s)	Type		
SYS_C008265	TEID	P		
SYS_C008266	ROID	R		

EVENT

Column	Type	Nullable	Default	Comments
EVENAME	VARCHAR2(255)			
EVEDATE	DATE			
EVELOCATION	VARCHAR2(255)			
EVRESPONSIBILLITY	VARCHAR2(255)			
EVEDESCRIBE	VARCHAR2(255)			
EVID	INTEGER			
Key	Column(s)	Type		
SYS_C008230	EVID	P		
Index	Column(s)	Type		
SYS_C008230	EVID	unique		

ROLES

Column	Type	Nullable	Default	Comments
RONAME	VARCHAR2(255)			
ROID	INTEGER			
RODESCRIBE	VARCHAR2(255)			
Key	Column(s)	Type		
SYS_C008010	ROID	P		
Index	Column(s)	Type		
SYS_C008010	ROID	unique		

ACTIN

Column	Type	Nullable	Default	Comments
TEID	INTEGER			
EVID	INTEGER			
Key	Column(s)	Type		
SYS_C008273	TEID, EVID	P		
SYS_C008274	TEID	R		
SYS_C008275	EVID	R		
Index	Column(s)	Type		
SYS_C008273	TEID, EVID	unique		

WORKER

Column	Type	Nullable	Default	Comments
WOSALARY	INTEGER			
TEID	INTEGER			
Key	Column(s)	Type		
SYS_C008269	TEID	P		
SYS_C008270	TEID	R		
Index	Column(s)	Type		
SYS_C008269	TEID	unique		

EVDEBRIEFING

Column	Type	Nullable	Default	Comments
DEBID	INTEGER			
DERESPONSIBILITY	VARCHAR2(255)			
DESTATUS	INTEGER			
DECONCLUSION	VARCHAR2(255)			
Key	Column(s)	Type		
SYS_C008253	DEBID	P		

REOPRTEV

Column	Type	Nullable	Default	Comments
TEID	INTEGER			
DEBID	INTEGER			
Key	Column(s)	Type		
SYS_C008278	TEID, DEBID	P		
SYS_C008279	TEID	R		
SYS_C008280	DEBID	R		
Index	Column(s)	Type		
SYS_C008278	TEID, DEBID	unique		

SYS_C008285

C008274

SYS_C008270

SYS_C008275

SYS_C008279

```sql
CREATE TABLE Event
(
  EveName VARCHAR(255) NOT NULL,
  EveDate DATE NOT NULL,
  EveLocation VARCHAR(255) NOT NULL,
  EvResponsibillity VARCHAR(255) NOT NULL,
  EveDescribe VARCHAR(255) NOT NULL,
  EvId INT NOT NULL,
  PRIMARY KEY (EvId)
);

CREATE TABLE RolesP
(
  RoName VARCHAR(255) NOT NULL,
  RoId INT NOT NULL,
  RoDescribe VARCHAR(255) NOT NULL,
  PRIMARY KEY (RoId)
);

CREATE TABLE EmergencyDrill
(
  EmdrDate DATE NOT NULL,
  EmdrId INT NOT NULL,
  EmdrDurationMinutes INT NOT NULL,
  EmdrEmergencyType VARCHAR(255) NOT NULL,
  EmdrLocation VARCHAR(255) NOT NULL,
  EmdrParticipantsCount INT NOT NULL,
  EmdrAddress VARCHAR(255) NOT NULL,
  PRIMARY KEY (EmdrId)
);

CREATE TABLE EmergenBodies
(
  BoName VARCHAR(255) NOT NULL,
  BoId INT NOT NULL,
  BoPhone VARCHAR(15) NOT NULL,
  EvId INT NOT NULL,
  PRIMARY KEY (BoId),
  FOREIGN KEY (EvId) REFERENCES Event(EvId)
);
```

```sql
CREATE TABLE EvDebriefing
(
  DebId INT NOT NULL,
  DeResponsibility VARCHAR(255) NOT NULL,
  DeStatus INT NOT NULL,
  DeConclusion VARCHAR(255) NOT NULL,
  PRIMARY KEY (DebId)
);

CREATE TABLE TakingPart
(
  BoId INT NOT NULL,
  EmdrId INT NOT NULL,
  PRIMARY KEY (BoId, EmdrId),
  FOREIGN KEY (BoId) REFERENCES EmergenBodies(BoId),
  FOREIGN KEY (EmdrId) REFERENCES EmergencyDrill(EmdrId)
);

CREATE TABLE TeamP
(
  TeId INT NOT NULL,
  TeAddress VARCHAR(255) NOT NULL,
  TePhone VARCHAR(15) NOT NULL,
  TeName VARCHAR(255) NOT NULL,
  TeEmail VARCHAR(255) NOT NULL,
  RoId INT NOT NULL,
  PRIMARY KEY (TeId),
  FOREIGN KEY (RoId) REFERENCES Roles(RoId)
);
```

```sql
CREATE TABLE Worker
(
  WoSalary INT NOT NULL,
  TeId INT NOT NULL,
  PRIMARY KEY (TeId),
  FOREIGN KEY (TeId) REFERENCES TeamP(TeId)
);

CREATE TABLE ActIn
(
  TeId INT NOT NULL,
  EvId INT NOT NULL,
  PRIMARY KEY (TeId, EvId),
  FOREIGN KEY (TeId) REFERENCES TeamP(TeId),
  FOREIGN KEY (EvId) REFERENCES Event(EvId)
);

CREATE TABLE ReoprtEv
(
  TeId INT NOT NULL,
  DebId INT NOT NULL,
  PRIMARY KEY (TeId, DebId),
  FOREIGN KEY (TeId) REFERENCES Worker(TeId),
  FOREIGN KEY (DebId) REFERENCES EvDebriefing(DebId)
);

CREATE TABLE Practicing
(
  EmdrId INT NOT NULL,
  TeId INT NOT NULL,
  PRIMARY KEY (EmdrId, TeId),
  FOREIGN KEY (EmdrId) REFERENCES EmergencyDrill(EmdrId),
  FOREIGN KEY (TeId) REFERENCES TeamP(TeId)
);
```

```
DROP TABLE Event CASCADE CONSTRAINTS;
DROP TABLE RolesP CASCADE CONSTRAINTS;
DROP TABLE EmergencyDrill CASCADE CONSTRAINTS;
DROP TABLE EmergenBodies CASCADE CONSTRAINTS;
DROP TABLE EvDebriefing CASCADE CONSTRAINTS;
DROP TABLE TakingPart CASCADE CONSTRAINTS;
DROP TABLE TeamP CASCADE CONSTRAINTS;
DROP TABLE Worker CASCADE CONSTRAINTS;
DROP TABLE ActIn CASCADE CONSTRAINTS;
DROP TABLE ReoprtEv CASCADE CONSTRAINTS;
DROP TABLE Practicing CASCADE CONSTRAINTS;
```

```sql
INSERT INTO Event (EvId, EveName, EveDate, EveLocation, EvResponsibillity, EveDescribe) VALUES
(1, 'Emergency Drill', TO_DATE('2023-05-01', 'YYYY-MM-DD'), 'Location A', 'John Doe', 'Monthly drill');
INSERT INTO Event (EvId, EveName, EveDate, EveLocation, EvResponsibillity, EveDescribe) VALUES
(2, 'Safety Meeting', TO_DATE('2023-06-15', 'YYYY-MM-DD'), 'Location B', 'Jane Smith', 'Quarterly safety meeting');

-- הכנסת נתונים לטבלת RolesP
INSERT INTO RolesP (RoId, RoName, RoDescribe) VALUES
(1, 'Manager', 'Manages team and operations');
INSERT INTO RolesP (RoId, RoName, RoDescribe) VALUES
(2, 'Safety Officer', 'Responsible for safety protocols');

-- הכנסת נתונים לטבלת EmergencyDrill
INSERT INTO EmergencyDrill (EmdrId, EmdrDate, EmdrDurationMinutes, EmdrEmergencyType, EmdrLocation, EmdrParticipantsCount, EmdrAddress) VALUES
(1, TO_DATE('2023-05-01', 'YYYY-MM-DD'), 60, 'Fire Drill', 'Building 1', 30, '123 Main St');
INSERT INTO EmergencyDrill (EmdrId, EmdrDate, EmdrDurationMinutes, EmdrEmergencyType, EmdrLocation, EmdrParticipantsCount, EmdrAddress) VALUES
(2, TO_DATE('2023-06-01', 'YYYY-MM-DD'), 90, 'Earthquake Drill', 'Building 2', 45, '456 Elm St');

-- הכנסת נתונים לטבלת EmergenBodies
INSERT INTO EmergenBodies (BoId, BoName, BoPhone, EvId) VALUES
(1, 'Fire Department', 1234567890, 1);
INSERT INTO EmergenBodies (BoId, BoName, BoPhone, EvId) VALUES
(2, 'Police Department', 0987654321, 2);

-- הכנסת נתונים לטבלת EvDebriefing
INSERT INTO EvDebriefing (DebId, DeResponsibility, DeStatus, DeConclusion) VALUES
(1, 'John Doe', 1, 'Successful');
INSERT INTO EvDebriefing (DebId, DeResponsibility, DeStatus, DeConclusion) VALUES
(2, 'Jane Smith', 0, 'Needs Improvement');

-- הכנסת נתונים לטבלת TakingPart
INSERT INTO TakingPart (BoId, EmdrId) VALUES
(1, 1);
INSERT INTO TakingPart (BoId, EmdrId) VALUES
(2, 2);

-- הכנסת נתונים לטבלת TeamP
INSERT INTO TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) VALUES
(1, '123 Main St', 5551234, 'Alice Johnson', 'alice@example.com', 1);
INSERT INTO TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) VALUES
(2, '456 Elm St', 5555678, 'Bob Brown', 'bob@example.com', 2);

-- הכנסת נתונים לטבלת Worker
INSERT INTO Worker (TeId, WoSalary) VALUES
(1, 50000);
INSERT INTO Worker (TeId, WoSalary) VALUES

INSERT INTO Worker (TeId, WoSalary) VALUES
(2, 60000);

-- הכנסת נתונים לטבלת ActIn
INSERT INTO ActIn (TeId, EvId) VALUES
(1, 1);
INSERT INTO ActIn (TeId, EvId) VALUES
(2, 2);

-- הכנסת נתונים לטבלת Reoprt
INSERT INTO Reoprt (TeId, DebId) VALUES
(1, 1);
INSERT INTO Reoprt (TeId, DebId) VALUES
(2, 2);

-- הכנסת נתונים לטבלת Practicing
INSERT INTO Practicing (EmdrId, TeId) VALUES
(1, 1);
INSERT INTO Practicing (EmdrId, TeId) VALUES
(2, 2);
```

```
SQL> DESC EVENT
Name                 Type           Nullable Default Comments
-----------------    -------------  -------- ------- --------
EVENAME              VARCHAR2(255)
EVEDATE              DATE
EVELOCATION          VARCHAR2(255)
EVRESPONSIBILLITY    VARCHAR2(255)
EVEDESCRIBE          VARCHAR2(255)
EVID                 INTEGER


SQL> DESC Rolesp
Name         Type           Nullable Default Comments
----------   -------------  -------- ------- --------
RONAME       VARCHAR2(255)
ROID         INTEGER
RODESCRIBE   VARCHAR2(255)


SQL> DESC Emergencydrill
Name                  Type           Nullable Default Comments
--------------------  -------------  -------- ------- --------
EMDRDATE              DATE
EMDRID                INTEGER
EMDRDURATIONMINUTES   INTEGER
EMDREMERGENCYTYPE     VARCHAR2(255)
EMDRLOCATION          VARCHAR2(255)
EMDRPARTICIPANTSCOUNT INTEGER
EMDRADDRESS           VARCHAR2(255)


SQL> DESC Emergenbodies
Name      Type           Nullable Default Comments
-------   -------------  -------- ------- --------
BONAME    VARCHAR2(255)
BOID      INTEGER
BOPHONE   VARCHAR2(15)
EVID      INTEGER


SQL> DESC Practicing
Name     Type     Nullable Default Comments
------   -------  -------- ------- --------
EMDRID   INTEGER
TEID     INTEGER
```

```
SQL> DESC Evdebriefing
Name                 Type             Nullable Default Comments
---------------- -------------- -------- ------- --------
DEBID                INTEGER
DERESPONSIBILITY VARCHAR2(255)
DESTATUS             INTEGER
DECONCLUSION         VARCHAR2(255)

SQL> DESC Worker
Name      Type    Nullable Default Comments
-------- ------- -------- ------- --------
WOSALARY INTEGER
TEID     INTEGER

SQL> DESC TeamP
Name      Type             Nullable Default Comments
--------- -------------- -------- ------- --------
TEID      INTEGER
TEADDRESS VARCHAR2(255)
TEPHONE   VARCHAR2(15)
TENAME    VARCHAR2(255)
TEEMAIL   VARCHAR2(255)
ROID      INTEGER

SQL> DESC Takingpart
Name    Type    Nullable Default Comments
------ ------- -------- ------- --------
BOID    INTEGER
EMDRID  INTEGER

SQL> DESC Actin
Name Type    Nullable Default Comments
---- ------- -------- ------- --------
TEID INTEGER
EVID INTEGER

SQL> DESC Reoprtev
Name   Type    Nullable Default Comments
----- ------- -------- ------- --------
TEID   INTEGER
DEBID  INTEGER
```

		DEBID	DERESPONSIBILITY		DESTATUS		DECONCLUSION	
▶	1	962	Nadav Shalem	⋯		0	Well Done	⋯
	2	963	Nadav Shalem	⋯		0	Well Done	⋯
	3	964	Nadav Shalem	⋯		0	Well Done	⋯
	4	965	Nadav Shalem	⋯		1	Medium operation	⋯
	5	966	Nadav Shalem	⋯		0	Medium operation	⋯
	6	967	Nadav Shalem	⋯		1	Well Done	⋯
	7	968	Nadav Shalem	⋯		0	Well Done	⋯
	8	969	Nadav Shalem	⋯		1	Medium operation	⋯
	9	970	Nadav Shalem	⋯		0	Improvement required	⋯
	10	971	Nadav Shalem	⋯		1	Medium operation	⋯
	11	972	Nadav Shalem	⋯		0	Well Done	⋯
	12	973	Nadav Shalem	⋯		1	Failure	⋯
	13	974	Nadav Shalem	⋯		0	Failure	⋯
	14	975	Nadav Shalem	⋯		0	Well Done	⋯
	15	976	Nadav Shalem	⋯		1	Failure	⋯
	16	977	Nadav Shalem	⋯		1	Failure	⋯
	17	978	Nadav Shalem	⋯		1	Well Done	⋯
	18	979	Nadav Shalem	⋯		1	Well Done	⋯
	19	980	Nadav Shalem	⋯		1	Well Done	⋯
	20	981	Nadav Shalem	⋯		1	Well Done	⋯
	21	982	Nadav Shalem	⋯		0	Well Done	⋯
	22	983	Nadav Shalem	⋯		0	Medium operation	⋯
	23	984	Nadav Shalem	⋯		0	Medium operation	⋯
	24	985	Nadav Shalem	⋯		0	Well Done	⋯
	25	986	Nadav Shalem	⋯		0	Well Done	⋯
	26	987	Nadav Shalem	⋯		0	Medium operation	⋯
	27	988	Nadav Shalem	⋯		0	Improvement required	⋯

Data from Textfile | Data to Oracle

File Data

```
561, Head of Operations Department, computerized
562, Head of Training Unit, administrative
563, Head of Operational Doctrine Unit, logistic
564, Head of Operational Investigations, voluntary
565, Operations Coordinator, logistic
566, Operations Liaison with Israel Police, computerized
567, Operations Liaison with Fire and Rescue Services, administrative
568, Operations Liaison with the National Emergency Authority (NEA), logistic
569, Operations Liaison with Magen David Adom (MDA), voluntary
570, Control and Monitoring Center (CMC) Manager, logistic
571, Shift Supervisor at the CMC, logistic
572, Operational Planning Officer, voluntary
573, Regional Operations Officer, voluntary
574, Operational Intelligence Officer, voluntary
575, Emergency Communication Officer, voluntary
576, Operational Logistics Manager, voluntary
577, Operational Communication Specialist, computerized
578, Community Emergency Coordinator, administrative
579, Medical Training Instructor, logistic
580, Emergency Training Instructor, voluntary
581, Volunteer Team Leader, logistic
582, Volunteer Recruitment Coordinator, logistic
```

Configuration

General

Fieldcount: 3

☑ End at line-end
☐ Name in header
☑ Skip empty lines

Quote character: "

Comment line:

Import lines: 1 ..

Field1 (+0 .. ",")
Field2 (+0 .. ",")
Field3 (+0 .. ",")

Field Start
◉ Relative position   0
○ Absolute position
○ Character

Field End
○ Length
◉ Character   ,

Filter

Result Preview

1	2	3
561	Head of Operations Department	computerized
562	Head of Training Unit	administrative

Import | Import to Script | Close | ▼ moriya11 | 216 records imported in 0.296 seconds

Data from Textfile | Data to Oracle

General

Owner:

Table: ROLESP

☐ Clear Table

Initializing Script

Commit every... 100

◉ Overwrite duplicates
○ Ignore duplicates

Finalizing Script

Fields

```
Field1 -> ROID (NUMBER)
Field2 -> RONAME (VARCHAR2)
Field3 -> RODESCRIBE (VARCHAR2)
```

Result Preview

1	2	3
561	Head of Operations Department	computerized
562	Head of Training Unit	administrative

Import | Import to Script | Close | ▼ moriya11 | 216 records imported in 0.296 seconds

		RONAME		ROID	RODESCRIBE	
▶	1	Head of Operations Department	···	561	computerized	···
	2	Head of Training Unit	···	562	administrative	···
	3	Head of Operational Doctrine Unit	···	563	logistic	···
	4	Head of Operational Investigations	···	564	voluntary	···
	5	Operations Coordinator	···	565	logistic	···
	6	Operations Liaison with Israel Police	···	566	computerized	···
	7	Operations Liaison with Fire and Rescue Services	···	567	administrative	···
	8	Operations Liaison with the National Emergency Authority (NEA)	···	568	logistic	···
	9	Operations Liaison with Magen David Adom (MDA)	···	569	voluntary	···
	10	Control and Monitoring Center (CMC) Manager	···	570	logistic	···
	11	Shift Supervisor at the CMC	···	571	logistic	···
	12	Operational Planning Officer	···	572	voluntary	···
	13	Regional Operations Officer	···	573	voluntary	···
	14	Operational Intelligence Officer	···	574	voluntary	···
	15	Emergency Communication Officer	···	575	voluntary	···
	16	Operational Logistics Manager	···	576	voluntary	···
	17	Operational Communication Specialist	···	577	computerized	···
	18	Community Emergency Coordinator	···	578	administrative	···
	19	Medical Training Instructor	···	579	logistic	···
	20	Emergency Training Instructor	···	580	voluntary	···
	21	Volunteer Team Leader	···	581	logistic	···
	22	Volunteer Recruitment Coordinator	···	582	logistic	···
	23	Emergency Response Manager	···	583	logistic	···
	24	Operational Maintenance Coordinator	···	584	computerized	···
	25	Hazardous Materials (HazMat) Officer	···	585	computerized	···
	26	Operational Medical Officer	···	586	computerized	···
	27	First Response Officer	···	587	administrative	···

טבלת EmergencyBodies

Data from Textfile / Data to Oracle

File Data

```
890, Police, 100, 614
891, Fire Department, 101, 212
892, Emergency Medical Services (EMS), 102, 451
893, Coast Guard, 103, 181
894, Search and Rescue, 104, 640
895, Disaster Response Teams, 105, 614
896, Ambulance Services, 106, 212
897, Mountain Rescue, 107, 451
898, Water Rescue, 108, 181
899, Civil Defense, 109, 640
900, National Guard, 110, 614
901, Bomb Squad, 111, 212
902, Hazardous Materials (HAZMAT) Teams, 112, 451
903, Air Ambulance, 113, 181
904, Wildlife Rescue, 114, 640
```

Configuration

General

Fieldcount: 4

- [x] End at line-end
- [ ] Name in header
- [x] Skip empty lines

Quote character: "

Comment line

Import lines: 1 ..

Field1 (+0 .. ",")
Field2 (+0 .. ",")
Field3 (+0 .. ",")
Field4 (+0 .. ",")

Filter

Result Preview

1	2	3	4
890	Police	100	614
891	Fire Department	101	212
892	Emergency Medical Services (EMS)	102	451
893	Coast Guard	103	181
894	Search and Rescue	104	640
895	Disaster Response Teams	105	614
896	Ambulance Services	106	212
897	Mountain Rescue	107	451
898	Water Rescue	108	181
899	Civil Defense	109	640
900	National Guard	110	614
901	Bomb Squad	111	212

Import | Import to Script | Close | moriya11

Data from Textfile / Data to Oracle

General

Owner:

Table: EMERGENBODIES

- [ ] Clear Table

Initializing Script

Commit every... 100

- (•) Overwrite duplicates
- ( ) Ignore duplicates

Finalizing Script

Fields

```
Field1 -> BOID (NUMBER)
Field2 -> BONAME (VARCHAR2)
Field3 -> BOPHONE (VARCHAR2)
Field4 -> EVID (NUMBER)
```

Result Preview

1	2	3	4
890	Police	100	614
891	Fire Department	101	212
892	Emergency Medical Services (EMS)	102	451
893	Coast Guard	103	181
894	Search and Rescue	104	640
895	Disaster Response Teams	105	614
896	Ambulance Services	106	212
897	Mountain Rescue	107	451
898	Water Rescue	108	181
899	Civil Defense	109	640
900	National Guard	110	614
901	Bomb Squad	111	212

Import | Import to Script | Close | moriya11 | emergencyBodiesData.txt loaded, 1 KB

		BONAME		BOID	BOPHONE	EVID
▶	1	Police	⋯	890	100	614
	2	Fire Department	⋯	891	101	212
	3	Emergency Medical Services (EMS)	⋯	892	102	451
	4	Coast Guard	⋯	893	103	181
	5	Search and Rescue	⋯	894	104	640
	6	Disaster Response Teams	⋯	895	105	614
	7	Ambulance Services	⋯	896	106	212
	8	Mountain Rescue	⋯	897	107	451
	9	Water Rescue	⋯	898	108	181
	10	Civil Defense	⋯	899	109	640
	11	National Guard	⋯	900	110	614
	12	Bomb Squad	⋯	901	111	212
	13	Hazardous Materials (HAZMAT) Teams	⋯	902	112	451
	14	Air Ambulance	⋯	903	113	181
	15	Wildlife Rescue	⋯	904	114	640
	16	Anti-Terrorism Units	⋯	905	115	614
	17	Red Cross	⋯	906	116	212
	18	Poison Control	⋯	907	117	451
	19	Crisis Intervention Teams	⋯	908	118	181
	20	Public Health Emergency Services	⋯	909	119	640

טבלת TeamP

Field Name	Type	Options				
TeId	Row Number	blank:	0 %	Σ	✕	
TeAddress	Street Address	blank:	0 %	Σ	✕	
TePhone	Phone	format: ###-###-#### ▾	blank:	0 %	Σ	✕
TeName	First Name	blank:	0 %	Σ	✕	
TeEmail	Email Address	blank:	0 %	Σ	✕	

+ ADD ANOTHER FIELD   **🖥 GENERATE FIELDS USING AI...**

\# Rows: 400   Format: SQL ▾   Table Name: TeamP   ☐ include CREATE TABLE

SQL Output Statistics

```
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (1, '44186 Sugar Park', '197-698-5926', 'Berne', 'bsloane0@state.gov', 692);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (2, '75 Cody Avenue', '498-380-2480', 'Wrennie', 'wquarrington1@washington.edu', 639);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (3, '07979 Merry Drive', '667-773-7493', 'Fanya', 'foldland2@aboutads.info', 574);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (4, '501 Holmberg Crossing', '330-848-3920', 'Thomas', 'troyl3@amazon.co.jp', 603);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (5, '2802 Gina Crossing', '246-592-4320', 'Kalie', 'kfylan4@sourceforge.net', 598);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (6, '9 Dryden Circle', '821-406-5190', 'Ezmeralda', 'ecovely5@ucla.edu', 590);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (7, '438 Eagan Way', '448-153-7041', 'Pinchas', 'pharbottle6@ning.com', 628);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (8, '2734 Mallard Place', '966-360-6440', 'Jaine', 'joliveti7@cbslocal.com', 600);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (9, '41442 Havey Trail', '946-543-2804', 'Kelwin', 'kspottiswood8@wix.com', 678);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (10, '1 Westridge Drive', '395-572-4603', 'Dukie', 'djirus9@dell.com', 680);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (11, '9 David Place', '691-276-6012', 'Edyth', 'esellersa@soundcloud.com', 609);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (12, '1784 Straubel Way', '725-648-6113', 'Mitchell', 'mfookesb@bluehost.com', 614);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (13, '09 Di Loreto Hill', '887-304-5445', 'Corrie', 'cstagc@msu.edu', 583);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (14, '5928 Crowley Junction', '216-441-9280', 'Merci', 'mmabeyd@indiegogo.com', 696);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (15, '45044 Crownhardt Road', '691-716-3924', 'Minette', 'mcoultharde@aol.com', 624);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (16, '5264 Oak Valley Circle', '588-372-1705', 'Jacky', 'jhurrenf@netvibes.com', 615);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (17, '38 Melody Drive', '689-234-3553', 'Clarie', 'cquartlyg@salon.com', 613);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (18, '175 Spaight Center', '490-310-7989', 'Jaymie', 'jdunabieh@free.fr', 641);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (19, '31 6th Center', '647-446-4499', 'Devina', 'dpiscoi@adobe.com', 567);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (20, '1 Farwell Park', '643-476-5823', 'Joel', 'jsyrettj@theguardian.com', 568);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (21, '4 Kings Avenue', '735-919-1798', 'Evin', 'ewhiteoakk@trellian.com', 637);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (22, '1 Saint Paul Place', '630-452-2511', 'Kariotta', 'kguyerl@printfriendly.com', 561);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (23, '73 Arrowood Center', '125-190-7763', 'Ronalda', 'rfortunm@webnode.com', 657);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (24, '089 Luster Pass', '645-148-5870', 'Shina', 'sbromheadn@usgs.gov', 654);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (25, '390 Artisan Drive', '623-559-1116', 'Sheelagh', 'sgoricko@hc360.com', 602);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (26, '8420 Lerdahl Hill', '159-174-2973', 'Laryssa', 'lschwartzp@wordpress.org', 657);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (27, '1809 Dovetail Avenue', '114-455-4622', 'Karyn', 'kalltimesq@theatlantic.com', 660);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (28, '0 Holy Cross Lane', '516-372-5514', 'Kylie', 'khaselgrover@seesaa.net', 699);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (29, '52324 Autumn Leaf Way', '656-622-0015', 'Lyle', 'lraywoods@telegraph.co.uk', 610);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (30, '80758 Golf Course Center', '848-473-7222', 'Ashlin', 'ayewdallt@deliciousdays.com', 577);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (31, '888 Crest Line Place', '616-613-3936', 'Dido', 'dkaradzasu@issuu.com', 660);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (32, '95 Westend Way', '584-870-4764', 'Aura', 'aflavellev@google.pl', 613);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (33, '7057 Mallard Pass', '227-941-9324', 'Lusa', 'lcabralw@utexas.edu', 607);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (34, '7303 Glacier Hill Lane', '591-368-6023', 'Kev', 'kwalesax@yellowbook.com', 634);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (35, '8 La Follette Avenue', '982-354-0804', 'Agathe', 'aduffreey@apache.org', 615);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (36, '86341 Linden Parkway', '949-479-4439', 'Whittaker', 'wshoebottomz@seattletimes.com', 589);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (37, '93 Drewry Way', '351-549-4371', 'Melony', 'msansbury10@wordpress.org', 563);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (38, '2614 Ohio Alley', '236-981-2415', 'Sigismond', 'sloffhead11@timesonline.co.uk', 687);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (39, '68 Everett Avenue', '331-885-8151', 'Shermie', 'spetegrew12@uiuc.edu', 583);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (40, '54439 Anhalt Terrace', '552-665-5260', 'Cordey', 'cbrafield13@wikipedia.org', 648);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (41, '6224 Messerschmidt Street', '550-460-6023', 'Terrence', 'tcretney14@census.gov', 649);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (42, '97273 Memorial Point', '744-901-3116', 'Latashia', 'lcohani15@freewebs.com', 680);
insert into TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId) values (43, '800 Bultman Terrace', '846-569-1204', 'Margaux', 'mhowen16@census.gov', 575);
```

	TEID	TEADDRESS		TEPHONE	TENAME		TEEMAIL		ROID
1	1	44186 Sugar Park	···	197-698-5926	Berne	···	bsloane0@state.gov	···	692
2	2	75 Cody Avenue		498-380-2480	Wrennie	···	wquarrington1@washington.edu	···	639
3	3	07979 Merry Drive		667-773-7493	Fanya	···	foldland2@aboutads.info	···	574
4	4	501 Holmberg Crossing	···	330-848-3920	Thomas	···	troyl3@amazon.co.jp		603
5	5	2802 Gina Crossing		246-592-4320	Kalie	···	kfylan4@sourceforge.net		598
6	6	9 Dryden Circle	···	821-406-5190	Ezmeralda	···	ecovely5@ucla.edu		590
7	7	438 Eagan Way	···	448-153-7041	Pinchas	···	pharbottle6@ning.com	···	628
8	8	2734 Mallard Place	···	966-360-6440	Jaine	···	joliveti7@cbslocal.com	···	600
9	9	41442 Havey Trail	···	946-543-2804	Kelwin	···	kspottiswood8@wix.com	···	678
10	10	1 Westridge Drive	···	395-572-4603	Dukie	···	djirus9@dell.com	···	680
11	11	9 David Place	···	691-276-6012	Edyth	···	esellersa@soundcloud.com	···	609
12	12	1784 Straubel Way	···	725-648-6113	Mitchell	···	mfookesb@bluehost.com	···	614
13	13	09 Di Loreto Hill	···	887-304-5445	Corrie	···	cstagc@msu.edu	···	583
14	14	5928 Crowley Junction	···	216-441-9280	Merci	···	mmabeyd@indiegogo.com	···	696
15	15	45044 Crownhardt Road	···	691-716-3924	Minette	···	mcoultharde@aol.com	···	624
16	16	5264 Oak Valley Circle	···	588-372-1705	Jacky	···	jhurrenf@netvibes.com	···	615
17	17	38 Melody Drive	···	689-234-3553	Clarie	···	cquartlyg@salon.com	···	613
18	18	175 Spaight Center	···	490-310-7989	Jaymie	···	jdunabieh@free.fr	···	641
19	19	31 6th Center	···	647-446-4499	Devina	···	dpiscoi@adobe.com	···	567
20	20	1 Farwell Park	···	643-476-5823	Joel	···	jsyrettj@theguardian.com	···	568
21	21	4 Kings Avenue	···	735-919-1798	Evin	···	ewhiteoakk@trellian.com	···	637
22	22	1 Saint Paul Place	···	630-452-2511	Kariotta	···	kguyerl@printfriendly.com	···	561
23	23	73 Arrowood Center	···	125-190-7763	Ronalda	···	rfortunm@webnode.com	···	657
24	24	089 Luster Pass	···	645-148-5870	Shina	···	sbromheadn@usgs.gov	···	654
25	25	390 Artisan Drive	···	623-559-1116	Sheelagh	···	sgoricko@hc360.com	···	602
26	26	8420 Lerdahl Hill	···	159-174-2973	Laryssa	···	lschwartzp@wordpress.org	···	657
27	27	1809 Dovetail Avenue	···	114-455-4622	Karyn	···	kalltimesq@theatlantic.com	···	660

טבלת EmergencyDrill

Field Name	Type	Options
EmdrId	Row Number	blank: 0 % Σ ✕
EmdrEmergencyType	Custom List	fire drill, earthquake drill, active shooter drill, tornado drill, evacua 🖥 random ▾ blank: 0 % Σ ✕
EmdrLocation	Street Address	blank: 0 % Σ ✕
EmdrDate	Datetime	05/26/2023 📅 to 05/26/2024 📅 format: m/d/yyyy ▾ blank: 0 % Σ ✕
EmdrDurationMinutes	Custom List	1 hour, 2 hours, 30 minutes, 45 minutes, 3 hours 🖥 random ▾ blank: 0 % Σ ✕
EmdrParticipantsCou	Number	min: 1 max: 500 decimals: 0 blank: 0 % Σ ✕
EmdrAddress	Address Line 2	blank: 0 % Σ ✕

+ ADD ANOTHER FIELD   🖥 GENERATE FIELDS USING AI...

Rows: 400   Format: SQL ▾   Table Name: EmergencyDrill   ☐ include CREATE TABLE

```
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (201, 'active shooter drill', '5 Colem
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (202, 'active shooter drill', '520 Far
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (203, 'fire drill', '35369 Dwight Pass
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (204, 'tornado drill', '6 Moland Plaza
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (205, 'tornado drill', '8900 Thompson
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (206, 'evacuation drill', '3916 Bartel
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (207, 'earthquake drill', '52926 Bunti
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (208, 'active shooter drill', '2791 Fa
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (209, 'tornado drill', '9 Red Cloud Po
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (210, 'earthquake drill', '551 Hallows
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (211, 'active shooter drill', '70207 M
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (212, 'active shooter drill', '0 Fores
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (213, 'active shooter drill', '66 Duke
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (214, 'tornado drill', '396 Rowland Dr
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (215, 'active shooter drill', '41333 C
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (216, 'earthquake drill', '13 Hoard Ro
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (217, 'evacuation drill', '0 Nobel Str
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (218, 'fire drill', '562 Kinsman Hill'
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (219, 'earthquake drill', '324 Basil A
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (220, 'earthquake drill', '908 Lyons T
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (221, 'tornado drill', '0554 Menomonie
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (222, 'earthquake drill', '906 Victori
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (223, 'active shooter drill', '75794 E
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (224, 'tornado drill', '8060 Dayton Ce
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (225, 'fire drill', '143 Bay Terrace',
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (226, 'evacuation drill', '51 Johnson
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (227, 'fire drill', '14 Grim Plaza', '
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (228, 'fire drill', '7 La Follette Ave
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (229, 'tornado drill', '5 Ridge Oak Av
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (230, 'evacuation drill', '021 Oneill
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (231, 'tornado drill', '72648 Montana
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (232, 'tornado drill', '62209 Arapahoe
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (233, 'earthquake drill', '58632 Judy
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (234, 'tornado drill', '00 Fairview Pl
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (235, 'earthquake drill', '21185 Cooli
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (236, 'evacuation drill', '2490 Texas
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (237, 'earthquake drill', '72 Columbus
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (238, 'fire drill', '7 Talmadge Street
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (239, 'fire drill', '6 Mallory Drive',
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (240, 'evacuation drill', '8549 Meadow
insert into EmergencyDrill (EmdrId, EmdrEmergencyType, EmdrLocation, EmdrDate, EmdrDurationMinutes, EmdrParticipantsCount, EmdrAddress) values (241, 'active shooter drill', '95089 N
```

		EMDRDATE	EMDRID	EMDRDURATIONMINUTES	EMDREMERGENCYTYPE	EMDRLOCATION	EMDRPARTICIPANTSCOUNT	EMDRADDRESS	
▶	1	30/11/2023	1	45	active shooter drill	2556 Rusk Place	431	Apt 680	
	2	01/06/2023	2	180	earthquake drill	6640 Coolidge Pass	255	Room 596	
	3	24/08/2023	3	120	tornado drill	747 Fremont Pass	338	1st Floor	
	4	26/08/2023	4	30	tornado drill	1663 Independence Terrace	467	PO Box 98289	
	5	29/09/2023	5	60	active shooter drill	2794 Straubel Point	350	PO Box 16378	
	6	05/04/2024	6	120	active shooter drill	70628 Glendale Junction	469	PO Box 29934	
	7	24/09/2023	7	60	fire drill	18 North Way	297	Apt 73	
	8	10/09/2023	8	120	active shooter drill	17 Service Alley	112	8th Floor	
	9	15/09/2023	9	180	earthquake drill	0 Northridge Park	466	Suite 98	
	10	03/12/2023	10	60	tornado drill	00 Oakridge Avenue	279	Room 953	
	11	19/07/2023	11	45	fire drill	298 Hayes Crossing	186	Room 2	
	12	13/03/2024	12	120	tornado drill	264 Thierer Plaza	178	Suite 34	
	13	11/03/2024	13	30	tornado drill	1003 Shopko Drive	101	Suite 80	
	14	29/06/2023	14	180	fire drill	72055 Sachtjen Place	137	Apt 787	
	15	16/08/2023	28	180	earthquake drill	166 Merrick Park	211	2nd Floor	
	16	14/10/2023	17	30	earthquake drill	39700 Drewry Street	91	PO Box 67900	
	17	23/01/2024	18	30	fire drill	3 Westport Center	286	Room 1885	
	18	09/11/2023	19	30	active shooter drill	7856 Cody Center	233	Apt 1625	
	19	10/12/2023	20	45	fire drill	1275 Parkside Pass	483	Room 1678	
	20	22/12/2023	21	30	active shooter drill	529 Buhler Trail	16	6th Floor	
	21	26/03/2024	22	45	earthquake drill	735 Oriole Plaza	77	14th Floor	
	22	31/12/2023	23	120	fire drill	72 Logan Plaza	85	14th Floor	
	23	22/03/2024	24	45	earthquake drill	58 Mallard Plaza	271	PO Box 41251	
	24	27/12/2023	25	180	fire drill	6929 1st Park	424	PO Box 42968	
	25	16/06/2023	27	120	earthquake drill	163 Bunting Point	53	Room 1613	
	26	22/09/2023	29	45	evacuation drill	94932 Nancy Pass	199	Room 1814	
	27	20/05/2024	30	45	earthquake drill	28 Petterle Road	50	Apt 832	

טבלת Event

EVENT

Owner	Table		Number of records
SYSTEM	EVENT		10..400

Name	Type	Size	Data	
EVID	NUMBER		Random(30, 999)	...
EVENAME	VARCHAR2	255	[A@@@@]'-'[111]	...
EVEDATE	DATE		Random(01/01/2000, 01/01/2025)	...
EVELOCATION	VARCHAR2	255	List('Acre', 'Afula', 'Arad', 'Ariel', 'Ashdod', 'Ashkelon', 'Baka al-Gharbiyye', 'Bat Yam', 'Beersheba', 'Beit Shean', 'Beit Shemesh', 'Beitar Illit', 'Bnei Brak', 'Dimona', 'Eilat', 'Elad', 'Givatayim', 'Giv'at Shmue	...
EVRESPONSIBILLITY	VARCHAR2	255	List('Berne','Wrennie', 'Fanya')	...
EVEDESCRIBE	VARCHAR2	255	[A@@@@aaaa111]	...
*				...

Definition | Options | Result

moriya11   Generated in 0.125 seconds. 1 table(s) with 329 rows.

EVENT

EVID	EVENAME	EVEDATE	EVELOCATION	EVRESPONSIBILLITY	EVEDESCRIBE
356	OSosV-197	14/08/2017	Ariel	Berne	Sdlzpzbqu856
531	DuggM-686	28/07/2023	Kiryat Gat	Wrennie	LjuBUdxwy133
424	DTflZ-799	30/10/2014	Tira	Berne	JPQFEayds158
684	FocPy-361	05/04/2008	Shefa-Amr	Berne	NkJNUgago183
517	RupDN-756	14/09/2022	Hadera	Berne	AHGEWwwkt991
246	YTLYf-131	16/02/2008	Umm al-Fahm	Berne	AdRecxrxa333
768	QtlJD-496	11/10/2017	Ashkelon	Wrennie	AoWfVyzia851
889	ALtky-584	30/10/2006	Netanya	Wrennie	ORgwStupt487
297	EEhgP-977	26/08/2007	Netivot	Wrennie	CIMrKyahs472
411	IwQiH-568	09/08/2006	Ma'alot-Tarshiha	Fanya	MagJBvlqv924
202	MLgfO-843	30/05/2022	Nof HaGalil	Wrennie	KeKNmesdi539
557	XuoDn-618	31/01/2011	Migdal HaEmek	Wrennie	GXxxZbsrf222
706	MVtyd-719	08/06/2022	Tel Aviv	Fanya	OaKfoxmct713
285	OkltS-199	08/02/2008	Kiryat Yam	Fanya	GdiXakboq211
247	QrOMM-157	18/03/2006	Rishon LeZion	Berne	UOuaspzie678
682	BliMi-785	07/07/2002	Ma'alot-Tarshiha	Berne	ZkwKmdydv141
392	TNklM-565	28/02/2018	Tel Aviv	Fanya	VrRUXhqah141
171	Jmzgt-416	30/12/2023	Ramla	Fanya	AVcznjizm546
74	Yflci-455	05/06/2006	Nazareth	Fanya	FZZNCyfyh559
393	DYntD-757	12/11/2009	Tira	Wrennie	HRaclflji866
505	CbdpE-638	17/09/2005	Kiryat Ono	Berne	EMmeFpjma351
449	VGZLX-941	27/11/2012	Ramla	Fanya	WVeXebcyg344
385	EupVu-274	26/01/2020	Arad	Fanya	SCfAMwghx967
837	ExBXf-998	27/02/2009	Nof HaGalil	Wrennie	EOrurzipg174
814	LaKYc-126	24/09/2005	Hod HaSharon	Berne	SPIJJczec737
605	KrQry-958	28/09/2005	Giv'at Shmuel	Wrennie	CbNZubahq437
503	XZeAx-932	01/12/2003	Beit Shemesh	Berne	Avijvwjxm644
324	PsLPz-831	04/09/2013	Tirat Carmel	Berne	XDNHynmtz145
681	OzfQj-714	21/08/2023	Beersheba	Berne	KpEijbgav678
201	YrRWZ-283	31/08/2005	Kiryat Shmona	Wrennie	LTPphjwof653
311	SharX-658	06/07/2024	Sakhnin	Wrennie	SGkpGkhru533
150	FtqdC-343	17/12/2023	Ma'alot-Tarshiha	Fanya	DuSMqhwpr887
997	FKBOL-739	05/08/2024	Ness Ziona	Wrennie	XhiALpjhz627
814	TAJrK-239	09/02/2013	Beit Shemesh	Fanya	ZLfAujgch871
255	ZDJkj-363	29/02/2008	Acre	Wrennie	FyaSZtgra598
720	EhFLr-876	28/10/2002	Modi'in Illit	Fanya	TduGmdjnk632
304	AqAeZ-559	20/07/2008	Kiryat Ata	Fanya	Xvomysalp223
217	LLOjW-214	05/10/2000	Kiryat Ono	Fanya	ZxQtpytcc298
368	Auape-197	13/12/2015	Lod	Wrennie	TpdsOewgo113

	EVENAME	EVEDATE	EVELOCATION	EVRESPONSIBILLITY	EVEDESCRIBE	EVID
1	Earthquake	28/12/2016	Nazareth	Wrennie	Health crisis	53
2	Medical Emergency	21/12/2014	Kafr Qasim	Wrennie	Ground shaking	380
3	('Fire'	16/04/2016	Or Akiva	Berne	Ground shaking	731
4	Power Outage	20/04/2005	Ramat Gan	Wrennie	Health crisis	694
5	('Fire'	04/05/2004	Modi'in Illit	Fanya	Severe cyclone	472
6	Medical Emergency	16/05/2016	Kafr Qasim	Fanya	Ground shaking	139
7	Earthquake	03/05/2023	Beitar Illit	Wrennie	Water inundation	134
8	Active Shooter	06/05/2008	Yehud-Monosson	Wrennie	Toxic emission	481
9	Chemical Spill	18/03/2006	Migdal HaEmek	Wrennie	Ground shaking	44
10	Active Shooter	29/11/2003	Ariel	Wrennie	Toxic emission	410
11	Tornado	23/11/2024	Givatayim	Wrennie	Rotating storm	333
12	Tornado	11/06/2020	Nahariya	Fanya	Electricity failure	504
13	Medical Emergency	13/11/2003	Beitar Illit	Wrennie	Rotating storm	968
14	Tornado	12/06/2006	Umm al-Fahm	Wrennie	Rotating storm	342
15	Gas Leak	14/12/2002	Beit Shean	Wrennie	Armed assailant	420
16	Gas Leak	27/07/2007	Sderot	Fanya	Health crisis	64
17	Hurricane	07/12/2022	Ashkelon	Berne	Health crisis	499
18	Chemical Spill	21/11/2018	Ashdod	Fanya	Hazardous leak	423
19	('Fire'	04/09/2018	Ramat Gan	Wrennie	Armed assailant	882
20	Earthquake	08/05/2011	Migdal HaEmek	Berne	Rotating storm	516
21	Chemical Spill	29/10/2010	Baka al-Gharbiyye	Wrennie	Severe cyclone	72
22	Medical Emergency	18/06/2001	Ramat Gan	Fanya	Hazardous leak	347
23	Hurricane	04/05/2018	Rosh HaAyin	Wrennie	Ground shaking	394
24	Hurricane	21/09/2014	Yehud-Monosson	Berne	Electricity failure	129
25	Hurricane	30/04/2015	Shefa-Amr	Fanya	Severe cyclone	300
26	Flood	15/04/2024	Nof HaGalil	Fanya	Health crisis	86
27	Earthquake	15/01/2022	Netivot	Berne	Hazardous leak	187

Owner	Table		Number of records	
SYSTEM	WORKER		10..450	

Name	Type	Size	Data
WOSALARY	NUMBER		Random(600, 25000)
TEID	NUMBER		List(select TeName from TeamP)

Definition | Options | Result

moriya11   Generated in 0.016 seconds. 1 table(s) with 107 rows.

WORKER

WOSALARY	TEID
6621	Kelwin
2812	Fanya
18936	Fanya
1098	Kelwin
23044	Thomas
11933	Dukie
22805	Jaine
4039	Fanya
24010	Pinchas
1882	Jaine
20892	Pinchas
17938	Kalie
19954	Kelwin
23102	Jaine
17112	Thomas
18932	Fanya
7085	Kalie
13062	Dukie
12438	Fanya
22479	Thomas
3805	Kelwin
15820	Fanya
3709	Ezmeralda
4766	Ezmeralda
13689	Fanya
12694	Jaine
20568	Kelwin
20858	Kelwin
2170	Thomas
22869	Thomas
5312	Wrennie
7150	Kelwin
8974	Berne
10317	Jaine
23689	Kalie

	WOSALARY	TEID
1	2874	328
2	11352	265
3	20447	229
4	10118	2
5	23610	239
6	17793	16
7	1313	213
8	17943	336
9	9307	92
10	14977	237
11	1636	360
12	6387	341
13	24175	76
14	23061	298
15	11655	19
16	17696	10
17	8313	143
18	21824	84
19	3479	279
20	22070	57
21	19205	291
22	12766	287
23	19489	12
24	4928	266
25	21971	173
26	21732	219
27	18260	47

ביצוע-

נמחק את הרשומה הראשונה בטבלה הבאה

	EMDRDATE	EMDRID	EMDRDURATIONMINUTES	EMDREMERGENCYTYPE	EMDRLOCATION		EMDRPARTICIPANTSCOUNT	EMDRADDRESS
1	30/11/2023	1	45	active shooter drill	2556 Rusk Place	...	431	Apt 680
2	01/06/2023	2	180	earthquake drill	6640 Coolidge Pass	...	255	Room 596
3	24/08/2023	3	120	tornado drill	747 Fremont Pass	...	338	1st Floor
4	26/08/2023	4	30	tornado drill	1663 Independence Terrace	...	467	PO Box 98289
5	29/09/2023	5	60	active shooter drill	2794 Straubel Point	...	350	PO Box 16378
6	05/04/2024	6	120	active shooter drill	70628 Glendale Junction	...	469	PO Box 29934
7	24/09/2023	7	60	fire drill	18 North Way	...	297	Apt 73
8	10/09/2023	8	120	active shooter drill	17 Service Alley	...	112	8th Floor
9	15/09/2023	9	180	earthquake drill	0 Northridge Park	...	466	Suite 98
10	03/12/2023	10	60	tornado drill	00 Oakridge Avenue	...	279	Room 953
11	19/07/2023	11	45	fire drill	298 Hayes Crossing	...	186	Room 2
12	13/03/2024	12	120	tornado drill	264 Thierer Plaza	...	178	Suite 34
13	11/03/2024	13	30	tornado drill	1003 Shopko Drive	...	101	Suite 80
14	29/06/2023	14	180	fire drill	72055 Sachtjen Place	...	137	Apt 787
15	16/08/2023	28	180	earthquake drill	166 Merrick Park	...	211	2nd Floor
16	14/10/2023	17	30	earthquake drill	39700 Drewry Street	...	91	PO Box 67900
17	23/01/2024	18	30	fire drill	3 Westport Center	...	286	Room 1885
18	09/11/2023	19	30	active shooter drill	7856 Cody Center	...	233	Apt 1625

נבצע שחזור-

לאחר השחזור-

	EMDRDATE	EMDRID	EMDRDURATIONMINUTES	EMDREMERGENCYTYPE	EMDRLOCATION		EMDRPARTICIPANTSCOUNT	EMDRADDRESS
1	30/11/2023	1	45	active shooter drill	2556 Rusk Place	...	431	Apt 680
2	01/06/2023	2	180	earthquake drill	6640 Coolidge Pass	...	255	Room 596
3	24/08/2023	3	120	tornado drill	747 Fremont Pass	...	338	1st Floor
4	26/08/2023	4	30	tornado drill	1663 Independence Terrace	...	467	PO Box 98289
5	29/09/2023	5	60	active shooter drill	2794 Straubel Point	...	350	PO Box 16378
6	05/04/2024	6	120	active shooter drill	70628 Glendale Junction	...	469	PO Box 29934
7	24/09/2023	7	60	fire drill	18 North Way	...	297	Apt 73
8	10/09/2023	8	120	active shooter drill	17 Service Alley	...	112	8th Floor
9	15/09/2023	9	180	earthquake drill	0 Northridge Park	...	466	Suite 98
10	03/12/2023	10	60	tornado drill	00 Oakridge Avenue	...	279	Room 953
11	19/07/2023	11	45	fire drill	298 Hayes Crossing	...	186	Room 2
12	13/03/2024	12	120	tornado drill	264 Thierer Plaza	...	178	Suite 34
13	11/03/2024	13	30	tornado drill	1003 Shopko Drive	...	101	Suite 80
14	29/06/2023	14	180	fire drill	72055 Sachtjen Place	...	137	Apt 787
15	16/08/2023	28	180	earthquake drill	166 Merrick Park	...	211	2nd Floor
16	14/10/2023	17	30	earthquake drill	39700 Drewry Street	...	91	PO Box 67900
17	23/01/2024	18	30	fire drill	3 Westport Center	...	286	Room 1885
18	09/11/2023	19	30	active shooter drill	7856 Cody Center	...	233	Apt 1625

SELECT

כל התרגילים והאירועים שהתקיימו בשנת 2023, כולל משך הפעילות ומספר המשתתפים

```sql
SELECT
    'Event' AS Type,
    e.EveName AS Name,
    e.EveDate AS EventDate,
    COALESCE(COUNT(ai.TeId), 0) AS ParticipantsCount,
    NULL AS DurationMinutes
FROM
    Event e
LEFT JOIN
    ActIn ai ON e.EvId = ai.EvId
WHERE
    EXTRACT(YEAR FROM e.EveDate) = 2023
GROUP BY
    e.EveName, e.EveDate

UNION ALL

SELECT
    'Emergency Drill' AS Type,
    ed.EmdrEmergencyType AS Name,
    ed.EmdrDate AS EventDate,
    ed.EmdrParticipantsCount AS ParticipantsCount,
    ed.EmdrDurationMinutes AS DurationMinutes
FROM
    EmergencyDrill ed
WHERE
    EXTRACT(YEAR FROM ed.EmdrDate) = 2023

ORDER BY
    EventDate;
```

		TYPE	NAME	EVENTDATE		PARTICIPANTSCOUNT	DURATIONMINUTES
▶	1	Event	Medical Emergency ⋯	10/02/2023 ▾		4	
	2	Event	Hurricane ⋯	20/02/2023 ▾		2	
	3	Event	Earthquake ⋯	03/05/2023 ▾		4	
	4	Emergency Drill	active shooter drill ⋯	28/05/2023 ▾		344	45
	5	Emergency Drill	earthquake drill ⋯	30/05/2023 ▾		52	30
	6	Emergency Drill	evacuation drill ⋯	31/05/2023 ▾		194	45
	7	Emergency Drill	earthquake drill ⋯	01/06/2023 ▾		255	180
	8	Emergency Drill	earthquake drill ⋯	01/06/2023 ▾		465	120
	9	Emergency Drill	evacuation drill ⋯	03/06/2023 ▾		57	45
	10	Emergency Drill	fire drill ⋯	03/06/2023 ▾		153	180
	11	Emergency Drill	fire drill ⋯	03/06/2023 ▾		456	45
	12	Emergency Drill	tornado drill ⋯	04/06/2023 ▾		74	180
	13	Emergency Drill	earthquake drill ⋯	05/06/2023 ▾		278	45
	14	Emergency Drill	earthquake drill ⋯	06/06/2023 ▾		379	180
	15	Emergency Drill	earthquake drill ⋯	08/06/2023 ▾		315	1
	16	Emergency Drill	active shooter drill ⋯	10/06/2023 ▾		100	180
	17	Emergency Drill	fire drill ⋯	11/06/2023 ▾		270	180
	18	Emergency Drill	fire drill ⋯	11/06/2023 ▾		124	180
	19	Emergency Drill	tornado drill ⋯	11/06/2023 ▾		320	180
	20	Emergency Drill	evacuation drill ⋯	14/06/2023 ▾		489	30
	21	Emergency Drill	earthquake drill ⋯	15/06/2023 ▾		457	120
	22	Emergency Drill	evacuation drill ⋯	16/06/2023 ▾		483	180
	23	Emergency Drill	earthquake drill ⋯	16/06/2023 ▾		53	120
	24	Emergency Drill	earthquake drill ⋯	17/06/2023 ▾		311	45
	25	Emergency Drill	earthquake drill ⋯	17/06/2023 ▾		316	30
	26	Emergency Drill	tornado drill ⋯	17/06/2023 ▾		442	1
	27	Emergency Drill	earthquake drill ⋯	17/06/2023 ▾		21	45
	28	Emergency Drill	tornado drill ⋯	20/06/2023 ▾		343	45

▬ ఆ & 31:1   ▾ moriya11   ⊣◫ 259 rows selected in 0.219 seconds

גופי החירום שהשתתפו בתרגילים מעל 100 משתתפים, כולל שמות התרגילים וכתובות

```sql
SELECT
    eb.BoName,
    ed.EmdrEmergencyType,
    ed.EmdrDate,
    ed.EmdrLocation,
    ed.EmdrAddress
FROM
    EmergenBodies eb
JOIN
    TakingPart tp ON eb.BoId = tp.BoId
JOIN
    EmergencyDrill ed ON tp.EmdrId = ed.EmdrId
WHERE
    ed.EmdrParticipantsCount > 100
ORDER BY
    ed.EmdrDate DESC, eb.BoName;
```

		BONAME		EMDREMERGENCYTYPE		EMDRDATE		EMDRLOCATION		EMDRADDRESS	
▶	1	Crisis Intervention Teams	···	fire drill	···	25/05/2024	▾	471 Shoshone Way	···	Room 1076	···
	2	Disaster Response Teams	···	fire drill	···	25/05/2024	▾	471 Shoshone Way	···	Room 1076	···
	3	Public Health Emergency Services	···	tornado drill	···	25/05/2024	▾	6 Dahle Lane	···	Apt 956	···
	4	Wildlife Rescue	···	fire drill	···	25/05/2024	▾	471 Shoshone Way	···	Room 1076	···
	5	Wildlife Rescue	···	tornado drill	···	25/05/2024	▾	6 Dahle Lane	···	Apt 956	···
	6	Emergency Medical Services (EMS)	···	tornado drill	···	24/05/2024	▾	02 Thompson Terrace	···	PO Box 82261	···
	7	Coast Guard	···	tornado drill	···	23/05/2024	▾	557 Namekagon Circle	···	8th Floor	···
	8	Police	···	tornado drill	···	23/05/2024	▾	557 Namekagon Circle	···	8th Floor	···
	9	Search and Rescue	···	tornado drill	···	23/05/2024	▾	557 Namekagon Circle	···	8th Floor	···
	10	Ambulance Services	···	active shooter drill	···	20/05/2024	▾	75206 Knutson Junction	···	Room 1816	···
	11	Air Ambulance	···	evacuation drill	···	18/05/2024	▾	60 Montana Trail	···	PO Box 22899	···
	12	Ambulance Services	···	tornado drill	···	18/05/2024	▾	8 Lakewood Gardens Court	···	PO Box 70585	···
	13	Bomb Squad	···	tornado drill	···	18/05/2024	▾	8 Lakewood Gardens Court	···	PO Box 70585	···
	14	Civil Defense	···	tornado drill	···	18/05/2024	▾	8 Lakewood Gardens Court	···	PO Box 70585	···
	15	Mountain Rescue	···	evacuation drill	···	18/05/2024	▾	60 Montana Trail	···	PO Box 22899	···
	16	Air Ambulance	···	evacuation drill	···	15/05/2024	▾	75549 4th Parkway	···	PO Box 23204	···
	17	Search and Rescue	···	evacuation drill	···	15/05/2024	▾	75549 4th Parkway	···	PO Box 23204	···
	18	Red Cross	···	tornado drill	···	14/05/2024	▾	49703 Welch Avenue	···	Apt 879	···
	19	Search and Rescue	···	tornado drill	···	14/05/2024	▾	49703 Welch Avenue	···	Apt 879	···
	20	Anti-Terrorism Units	···	active shooter drill	···	12/05/2024	▾	84818 Nevada Terrace	···	Apt 1495	···
	21	Air Ambulance	···	active shooter drill	···	04/05/2024	▾	9074 Forest Dale Parkway	···	Apt 401	···
	22	Crisis Intervention Teams	···	active shooter drill	···	04/05/2024	▾	9074 Forest Dale Parkway	···	Apt 401	···

■ ♻ & 14:35   ▾ moriya11   ⊣⊠ 333 rows selected in 0.312 seconds

השתתפות גופי החירום לפי סוג אירוע החירום בכל שנה, כולל מספר תרגילים וממוצע משתתפים

```
SELECT
    EXTRACT(YEAR FROM ed.EmdrDate) AS Year,
    ed.EmdrEmergencyType,
    COUNT(DISTINCT ed.EmdrId) AS DrillsCount,
    AVG(ed.EmdrParticipantsCount) AS AvgParticipants
FROM
    EmergencyDrill ed
JOIN
    TakingPart tp ON ed.EmdrId = tp.EmdrId
GROUP BY
    EXTRACT(YEAR FROM ed.EmdrDate), ed.EmdrEmergencyType
HAVING
    COUNT(DISTINCT ed.EmdrId) > 1
ORDER BY
    Year DESC, DrillsCount DESC;
```

YEAR	EMDREMERGENCYTYPE		DRILLSCOUNT	AVGPARTICIPANTS
1	2024	tornado drill	...	23	252.886363636364
2	2024	active shooter drill	...	19	262.466666666667
3	2024	evacuation drill	...	18	269.6
4	2024	fire drill	...	18	261
5	2024	earthquake drill	...	14	246.736842105263
6	2023	active shooter drill	...	40	237.507692307692
7	2023	earthquake drill	...	36	228.888888888889
8	2023	fire drill	...	31	260.705882352941
9	2023	tornado drill	...	29	238.725490196078
10	2023	evacuation drill	...	21	255.444444444444

moriya11   10 rows selected in 0.093 seconds

אנשי צוות שאינם מקבלים משכורת והשתתפו באירוע בסטטוס 0 (באירוע שהתחקיר שלו הסתיים), והצגת שמם ומספר הצוות.

```sql
SELECT
    t.TeName AS TeamName,
    t.TeId AS TeamID
FROM
    TeamP t
JOIN
    ActIn a ON t.TeId = a.TeId
JOIN
    EvDebriefing ed ON a.EvId = ed.DebId
WHERE
    NOT EXISTS (
        SELECT 1
        FROM
            Worker w
        WHERE
            w.TeId = t.TeId
            AND w.WoSalary IS NOT NULL
    )
    AND ed.DeStatus = 0
ORDER BY
    t.TeName ASC;
```

		TEAMNAME		TEAMID
▶	1	Annalise	···	77
	2	Barrie	···	204
	3	Barrie	···	204
	4	Birgit	···	193
	5	Brooke	···	271
	6	Corey	···	144
	7	Dalia	···	163
	8	Dalia	···	163
	9	Darrick	···	182
	10	Enrico	···	367
	11	Francisco	···	335
	12	Freeland	···	186
	13	Heloise	···	303
	14	Jeramie	···	387
	15	Kathie	···	277
	16	Kele	···	374
	17	Laurie	···	145
	18	Laurie	···	145
	19	Monroe	···	364

UPDATE

עדכון המשכורת של מי שהשתתף ביותר מ3 אירועים וביותר מ3 תרגילים בתוספת
של 2000 ₪

```sql
UPDATE Worker
SET WoSalary = WoSalary + 2000
WHERE TeId IN (
    SELECT TeId
    FROM (
        SELECT TeId
        FROM ActIn
        GROUP BY TeId
        HAVING COUNT(EvId) > 3
        INTERSECT
        SELECT TeId
        FROM Practicing
        GROUP BY TeId
        HAVING COUNT(EmdrId) > 3
    ) CombinedData
);
```

		WOSALARY	TEID
▶	1	15714	136

שאילתת עדכון שתעדכן את הסטטוס של התחקירים של האירועים שהתרחשו לפני שנת 2005 ל-
0 :

```sql
UPDATE EvDebriefing
SET DeStatus = 0
WHERE DebId IN (
    SELECT De.DebId
    FROM EvDebriefing De
    INNER JOIN ReoprtEv R ON De.DebId = R.DebId
    INNER JOIN Worker W ON R.TeId = W.TeId
    INNER JOIN TeamP T ON W.TeId = T.TeId
    INNER JOIN ActIn A ON T.TeId = A.TeId
    INNER JOIN Event E ON A.EvId = E.EvId
    WHERE E.EveDate < TO_DATE('01/01/2005', 'DD/MM/YYYY')
);
```
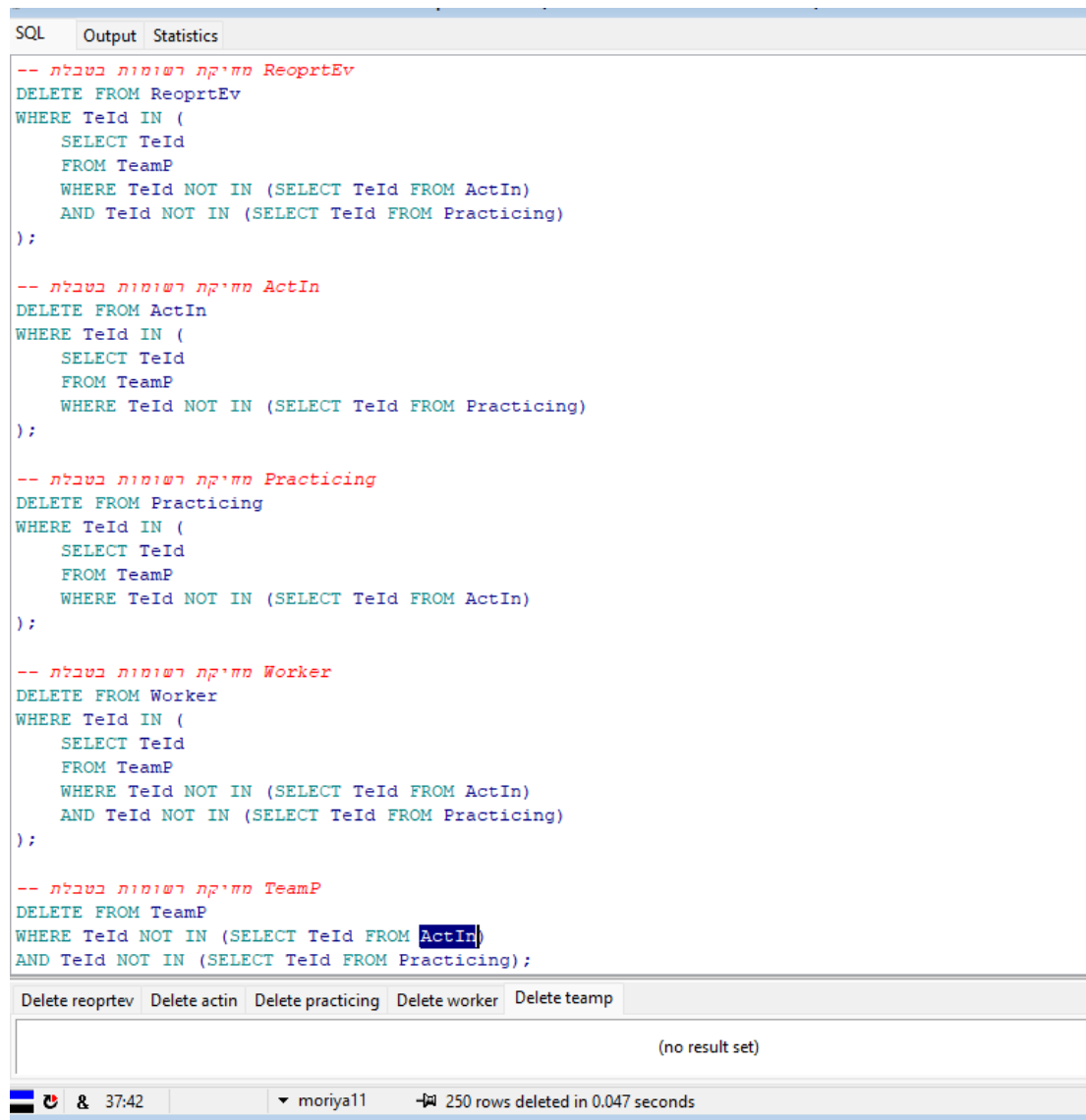
64 rows updated in 0.016 seconds

	DEBID	DERESPONSIBILITY		DESTATUS	DECONCLUSION	
▶ 1	964	Nadav Shalem	...	0	Well Done	...
2	974	Nadav Shalem	...	0	Failure	...
3	979	Nadav Shalem	...	1	Well Done	...
4	981	Nadav Shalem	...	1	Well Done	...
5	987	Nadav Shalem	...	0	Medium operation	...
6	877	Nadav Shalem	...	0	Failure	...
7	878	Nadav Shalem	...	0	Failure	...
8	889	Nadav Shalem	...	1	Improvement required	...
9	894	Nadav Shalem	...	0	Improvement required	...
10	895	Nadav Shalem	...	1	Well Done	...
11	920	Nitai Gal	...	0	Failure	...
12	924	Nitai Gal	...	1	Well Done	...
13	925	Nitai Gal	...	1	Well Done	...
14	931	Nitai Gal	...	1	Well Done	...
15	935	Nitai Gal	...	1	Medium operation	...
16	936	Nitai Gal	...	0	Well Done	...
17	938	Nitai Gal	...	0	Failure	...
18	946	Nadav Shalem	...	0	Well Done	...
19	952	Nadav Shalem	...	0	Improvement required	...
20	956	Nadav Shalem	...	1	Failure	...

64 rows selected in 0.093 seconds

DELETE

מחיקת כל העובדים שלא השתתפו בשום אירוע/ תרגיל

```
SQL   Output  Statistics

-- מחיקת רשומות בטבלת ReoprtEv
DELETE FROM ReoprtEv
WHERE TeId IN (
    SELECT TeId
    FROM TeamP
    WHERE TeId NOT IN (SELECT TeId FROM ActIn)
    AND TeId NOT IN (SELECT TeId FROM Practicing)
);

-- מחיקת רשומות בטבלת ActIn
DELETE FROM ActIn
WHERE TeId IN (
    SELECT TeId
    FROM TeamP
    WHERE TeId NOT IN (SELECT TeId FROM Practicing)
);

-- מחיקת רשומות בטבלת Practicing
DELETE FROM Practicing
WHERE TeId IN (
    SELECT TeId
    FROM TeamP
    WHERE TeId NOT IN (SELECT TeId FROM ActIn)
);

-- מחיקת רשומות בטבלת Worker
DELETE FROM Worker
WHERE TeId IN (
    SELECT TeId
    FROM TeamP
    WHERE TeId NOT IN (SELECT TeId FROM ActIn)
    AND TeId NOT IN (SELECT TeId FROM Practicing)
);

-- מחיקת רשומות בטבלת TeamP
DELETE FROM TeamP
WHERE TeId NOT IN (SELECT TeId FROM ActIn)
AND TeId NOT IN (SELECT TeId FROM Practicing);
```

Delete reoprtev	Delete actin	Delete practicing	Delete worker	Delete teamp

(no result set)

🔲 ↻ & 37:42 ▾ moriya11 ⊣⊠ 250 rows deleted in 0.047 seconds

מחיקת כל התרגילים שאירעו במקום מסוים ושארכו פחות מ60 דקות-

```sql
--מחיקת כל התר ילים שארע  במיק ם מסוים ושמשך הזמן שלהם קטן מ60 דקות
DELETE FROM TakingPart
WHERE EmdrId IN (
  SELECT EmdrId
  FROM EmergencyDrill
  WHERE EmdrLocation = '17 Service Alley' AND EmdrDurationMinutes < 60
) AND BoId IN (
  SELECT BoId
  FROM EmergenBodies
  WHERE EvId IN (
    SELECT EvId
    FROM Event
    WHERE EveLocation = '17 Service Alley'
  )
) AND NOT EXISTS (
  SELECT 1
  FROM TakingPart tp
  WHERE tp.EmdrId = TakingPart.EmdrId
  AND tp.BoId != TakingPart.BoId
);
```

<div dir="rtl">

שאילתות עם פרמטרים

שאילתה למציאת כל האירועים שחבר צוות מסוים משתתף בהם

</div>

```sql
-- .1 שאילתו למצ את כי האירועים שחבר צוות מסוים (שמו ניתן כפרמטר),
-- פרמטרים: @TeName (שם חבר הצוות)
SELECT E.EveName, E.EveDate, E.EveLocation, R.RoName
FROM Event E
JOIN ActIn AI ON E.EvId = AI.EvId
JOIN TeamP T ON AI.TeId = T.TeId
JOIN RolesP R ON T.RoId = R.RoId
WHERE T.TeName = '&TeName'
ORDER BY E.EveDate;
```

<div dir="rtl">

עבור חבר הצוות Wrennie, נקבל-

</div>

	EVENAME	EVEDATE	EVELOCATION	RONAME
1	Flood	05/01/2002	Kfar Saba	Disaster Recovery Coordinator
2	Earthquake	08/05/2011	Migdal HaEmek	Disaster Recovery Coordinator

<div dir="rtl">

שאילתה למציאת כל אירועי החירום שהתרחשו בשנה מסוימת

</div>

```sql
-- .2 שאילתה לרשיות כל התו גילים החירום שהתרחשו בשנה מסוימת,
-- פרמטרים: @year (שנת תרגילי החירום)

SELECT ED.EmdrDate, ED.EmdrLocation, ED.EmdrEmergencyType, B.BoName, ED.EmdrParticipantsCount
FROM EmergencyDrill ED
JOIN TakingPart TP ON ED.EmdrId = TP.EmdrId
JOIN EmergenBodies B ON TP.BoId = B.BoId
WHERE EXTRACT(YEAR FROM ED.EmdrDate) = &year
ORDER BY ED.EmdrDate;
```

<div dir="rtl">

עבור שנת 2023, נקבל-

</div>

	EMDRDATE	EMDRLOCATION	EMDREMERGENCYTYPE	BONAME	EMDRPARTICIPANTSCOUNT
1	30/05/2023	84 Sundown Junction	earthquake drill	National Guard	52
2	03/06/2023	4824 Moulton Crossing	evacuation drill	National Guard	57
3	03/06/2023	56532 Mallard Trail	fire drill	Police	153
4	03/06/2023	56532 Mallard Trail	fire drill	Mountain Rescue	153
5	05/06/2023	34730 Fuller Avenue	earthquake drill	Public Health Emergency Services	278
6	05/06/2023	34730 Fuller Avenue	earthquake drill	Anti-Terrorism Units	278
7	05/06/2023	34730 Fuller Avenue	earthquake drill	Wildlife Rescue	278
8	05/06/2023	34730 Fuller Avenue	earthquake drill	Water Rescue	278
9	06/06/2023	354 Anderson Avenue	earthquake drill	Fire Department	379
10	08/06/2023	59837 Bellgrove Hill	earthquake drill	National Guard	315
11	08/06/2023	59837 Bellgrove Hill	earthquake drill	Fire Department	315
12	08/06/2023	59837 Bellgrove Hill	earthquake drill	Red Cross	315
13	11/06/2023	27 Fairview Terrace	tornado drill	National Guard	320
14	11/06/2023	0242 Grim Plaza	fire drill	Mountain Rescue	124
15	11/06/2023	0242 Grim Plaza	fire drill	Search and Rescue	124
16	15/06/2023	105 Mifflin Place	earthquake drill	Fire Department	457

24 rows selected in 0.125 seconds (more...)

<div dir="rtl">

שאילתה למציאת פרטי התחקירים לפי מסקנת תחקיר וסטטוס

</div>

```sql
-- 3. שאילוה לקבלת פרטי הודריכ ס ו ל אירועים על בסיס הסטטוס והמסקנה שלהם,
-- פרמטרים: DeStatus@ (סטטוס התדריך), DeConclusion@ (רמז למסקנת התדריך)
SELECT D.DeConclusion, D.DeResponsibility, T.TeName, D.DeStatus
FROM EvDebriefing D
JOIN ReoprtEv RE ON D.DebId = RE.DebId
JOIN Worker W ON RE.TeId = W.TeId
JOIN TeamP T ON W.TeId = T.TeId
WHERE D.DeStatus = &DeStatus AND D.DeConclusion LIKE '%' || '&DeConclusion' || '%'
ORDER BY D.DeConclusion;
```

<div dir="rtl">

עבור תחקירים ״WELL DONE״ שבסטטוס 0, נקבל-

</div>

	DECONCLUSION	DERESPONSIBILITY	TENAME	DESTATUS
1	Well Done	Nitai Gal	Wrennie	0
2	Well Done	Nitai Gal	Albertina	0
3	Well Done	Nitai Gal	Ezmeralda	0
4	Well Done	Nadav Shalem	Dukie	0
5	Well Done	Nitai Gal	Mitchell	0
6	Well Done	Nadav Shalem	Ronalda	0
7	Well Done	Nadav Shalem	Ashlin	0
8	Well Done	Nadav Shalem	Agathe	0
9	Well Done	Nadav Shalem	Terrence	0
10	Well Done	Nitai Gal	Terrence	0
11	Well Done	Nadav Shalem	Timothee	0
12	Well Done	Nitai Gal	Gloriane	0
13	Well Done	Nadav Shalem	Adelbert	0
14	Well Done	Nitai Gal	Bibbie	0
15	Well Done	Nadav Shalem	Shaine	0
16	Well Done	Nitai Gal	Hyacintha	0

13:1   moriya11   24 rows selected in 0.109 seconds (more...)

<div dir="rtl">

שאילתה למציאת כל חברי הצוות שהשתתפו באירועים שהתרחשו בטווח תאריכים מסוים

</div>

```sql
-- 4. שאילתו לרשימת כל חבו י הצו ת שהשתתפו בתרגילי חירום בטווח תאריכים מסוים,
-- פרמטרים: startDate@ (תאריך התחלה), endDate@ (תאריך סיום)
SELECT T.TeName, R.RoName, ED.EmdrDate, ED.EmdrDurationMinutes
FROM TeamP T
JOIN Practicing P ON T.TeId = P.TeId
JOIN EmergencyDrill ED ON P.EmdrId = ED.EmdrId
JOIN RolesP R ON T.RoId = R.RoId
WHERE ED.EmdrDate BETWEEN TO_DATE('&startDate', 'YYYY-MM-DD') AND TO_DATE('&endDate', 'YYYY-MM-DD')
ORDER BY ED.EmdrDate, T.TeName;
```

<div dir="rtl">

עבור השנים 2023-2024 נקבל-

</div>

	TENAME	RONAME	EMDRDATE	EMDRDURATIONMINUTES
1	Shelli	Regional Operations Officer	30/05/2023	30
2	Dion	Operational Fire Safety Manager	31/05/2023	45
3	Florinda	Operations Liaison with United Nations Agencies	01/06/2023	120
4	Vania	Operational Cultural Resource Manager	01/06/2023	120
5	Clarie	Operations Liaison with Social Services	03/06/2023	45
6	Haleigh	Operational Systems Upgrade Project Manager	03/06/2023	45
7	Shelli	Regional Operations Officer	03/06/2023	45
8	Jenni	Head of Operational Investigations	08/06/2023	1
9	Silvano	Critical Incident Stress Management Coordinator	08/06/2023	1
10	Florenza	Operational Geospatial Intelligence Analyst	10/06/2023	180
11	Dorrie	Operations Liaison with Occupational Safety and Health Administration	11/06/2023	180
12	Marcel	Medical Liaison with Hospitals	14/06/2023	30
13	Jorrie	Operations Liaison with International Red Crescent	16/06/2023	120
14	Annalise	Critical Incident Stress Management Coordinator	20/06/2023	45

26:32   moriya11   24 rows selected in 0.141 seconds (more...)

<u>אילוצים</u>

<u>האילוצים הם-</u>

1. משך התרגיל חייב להיות גדול מ0.
2. במידה ולא הוזנה משכורת, ערך ברירת המחדל יהיה 3000
3. בדיקה שהמייל של העובד לא זהה למייל שקיים במערכת
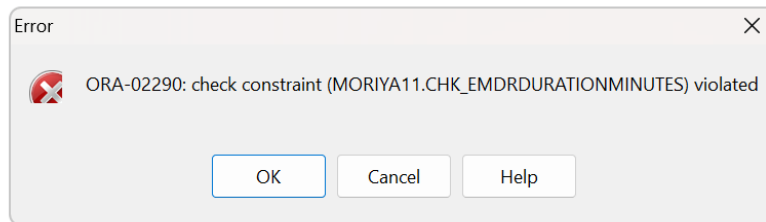
```sql
--אילוץ משך התרגיל
ALTER TABLE EmergencyDrill
ADD CONSTRAINT chk_EmdrDurationMinutes CHECK (EmdrDurationMinutes > 0);

--הגדרת ירך ברירת מחדל של משכורת
ALTER TABLE Worker
MODIFY WoSalary DEFAULT 3000;

--אילוי שי מייל שלא יחזור על עצמו
ALTER TABLE TeamP
ADD CONSTRAINT unq_TeEmail UNIQUE (TeEmail);
```

נסיון לעקוף את אילוץ 1-

```sql
INSERT INTO EmergencyDrill (EmdrDate, EmdrId, EmdrDurationMinutes, EmdrEmergencyType, EmdrLocation, EmdrParticipantsCount, EmdrAddress)
VALUES (TO_DATE('2023-01-01', 'YYYY-MM-DD'), 1, -10, 'Fire', 'Location A', 50, 'Address A');
```

Error ✕

⊗ ORA-02290: check constraint (MORIYA11.CHK_EMDRDURATIONMINUTES) violated

[OK] [Cancel] [Help]

אילוץ 2-

```sql
--INSERT INTO Worker (TeId)
--VALUES (1);
SELECT TeId, WoSalary
FROM Worker
WHERE TeId = 1;
```

TEID	WOSALARY
1	3000

אילוץ 3-

```sql
INSERT INTO TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId)
VALUES (1, 'Address A', '1234567890', 'John Doe', 'john.doe@example.com', 1);

INSERT INTO TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId)
VALUES (2, 'Address B', '0987654321', 'Jane Doe', 'john.doe@example.com', 2);
```

Error ✕

ORA-00001: unique constraint (MORIYA11.SYS_C008265) violated

[OK]   [Cancel]   [Help]

Insert t

```sql
INSERT INTO TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId)
VALUES (1, 'Address A', '1234567890', 'John Doe', 'john.doe@example.com', 1);

INSERT INTO TeamP (TeId, TeAddress, TePhone, TeName, TeEmail, RoId)
VALUES (2, 'Address B', '0987654321', 'Jane Doe', 'john.doe@example.com', 2);
```
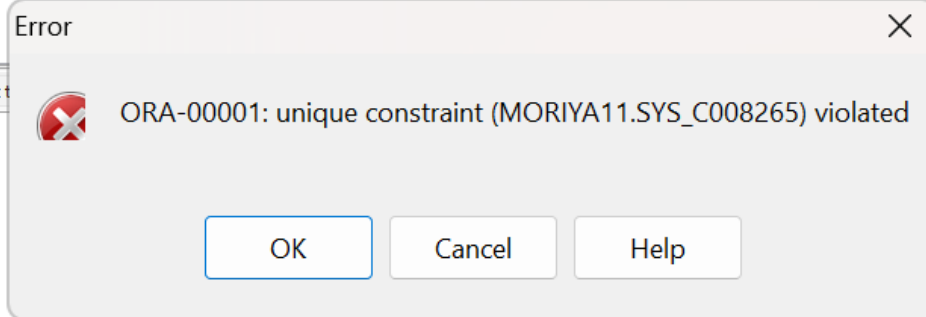
ROLLBACK&COMMIT

הכנסת נתונים ללא שמירה-

```
COMMIT;
INSERT INTO EVENT(EVENAME, EVEDATE, EVELOCATION, EVRESPONSIBILLITY, EVEDESCRIBE, EVID) VALUES ('Accdident1343', TO_DATE('12-12-20:
ROLLBACK;
```

Commit Insert event Rollback

(no result set)

moriya11   Done in 0 seconds

הכנסת נתונים עם שמירה ושימוש בCOMMIT -

```
COMMIT;
INSERT INTO EVENT(EVENAME, EVEDATE, EVELOCATION, EVRESPONSIBILLITY, EVEDESCRIBE, EVID) VALUES ('Accdident1343', TO_DATE('12-12-20
```

Commit Insert event

(no result set)

moriya11   1 row inserted in 0 seconds