

Crime Detection Policies

Abstract:

The Crime Detection Policies database is a relational database designed to store information about policies and techniques used in detecting and preventing crimes. The database schema includes entities such as Policy, CrimeType, Technique, and Location, and relationships between these entities to represent the many-to-many relationships between policies and their associated crime types, techniques, and locations. The database can be used to track the implementation and effectiveness of crime detection policies, as well as to identify areas where additional policies or techniques may be needed. The database can be populated with data using SQL DML statements and queried using SQL SELECT statements to retrieve information about specific policies, crime types, techniques, and locations. Overall, the Crime Detection Policies database can be a useful tool for law enforcement agencies and policymakers to improve the safety and security of their communities.

Design Requirements:

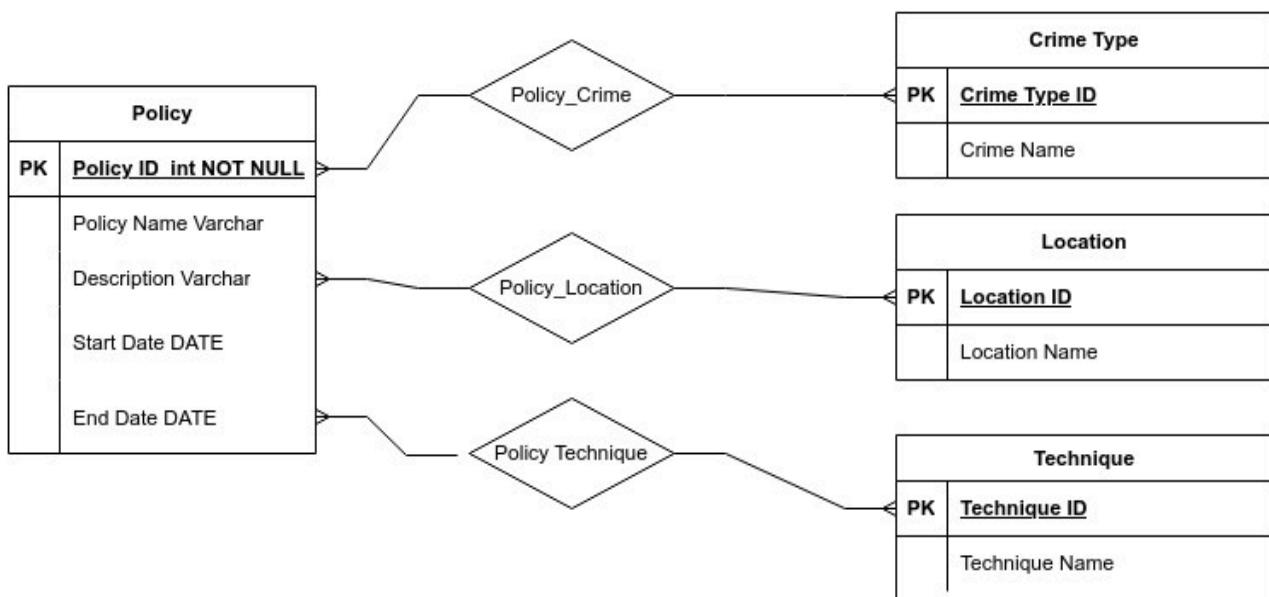
- Policy Table
- Crime Type Table
- Techniques Table
- Location Table

Attributes and Domain Types:

1. Policy entity:
 - PolicyID: Integer (Primary Key)
 - PolicyName: Varchar (20)
 - Description: Varchar (150)
 - StartDate: Date
 - EndDate: Date
2. CrimeType entity:
 - CrimeTypeID: Integer, Primary Key
 - CrimeTypeName: Varchar(20)
3. Technique entity:
 - TechniqueID: Integer, Primary Key
 - TechniqueName: Varchar (20)
4. Location entity:
 - LocationID: Integer, Primary Key
 - LocationName: Varchar (20)
5. Policy_CrimeType relationship entity:
 - PolicyID: Integer, Foreign Key to Policy
 - CrimeTypeID: Integer, Foreign Key To CrimeType
6. Policy_Technique relationship entity:
 - PolicyID: Foreign key referencing the Policy entity.
 - TechniqueID: Foreign key referencing the Technique entity.
7. Policy_Location relationship entity:
 - PolicyID: Foreign key referencing the Policy entity.
 - LocationID: Foreign key referencing the Location entity.

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ER Diagram



DDL Commands

Policy Table:

Create:

```
SQL> CREATE TABLE Policy (
 2   PolicyID INT PRIMARY KEY,
 3   PolicyName VARCHAR(50) NOT NULL,
 4   Description VARCHAR(500),
 5   StartDate DATE NOT NULL,
 6   EndDate DATE
 7 );
```

```
Table created.
```

Description:

```
SQL> desc policy;
Name          Null?    Type
-----        -----
POLICYID      NOT NULL NUMBER(38)
POLICYNMNAME  NOT NULL VARCHAR2(30)
DESCRIPTION    VARCHAR2(150)
STARTDATE     NOT NULL DATE
ENDDATE       DATE
```

CrimeType Table:

Create:

```
SQL> CREATE TABLE CrimeType (
 2   CrimeTypeID INT PRIMARY KEY,
 3   CrimeTypeName VARCHAR(50) NOT NULL
 4 );
```

```
Table created.
```

Description:

```
SQL> desc CrimeType;
Name          Null?    Type
-----        -----
CRIMETYPEID   NOT NULL NUMBER(38)
CRIMETYPENAME NOT NULL VARCHAR2(20)
```

Technique Table:

Create:

```
SQL> CREATE TABLE Technique (
 2   TechniqueID INT PRIMARY KEY,
 3   TechniqueName VARCHAR(50) NOT NULL
 4 );
```

Table created.

Description:

```
SQL> desc Technique;
Name                           Null?    Type
-----                         -----
TECHNIQUEID                   NOT NULL NUMBER(38)
TECHNIQUENAME                 NOT NULL VARCHAR2(20)
```

Location Table:

Create:

```
SQL> CREATE TABLE Location (
 2   LocationID INT PRIMARY KEY,
 3   LocationName VARCHAR(50) NOT NULL
 4 );
```

Table created.

Description:

```
SQL> desc Location;
Name                           Null?    Type
-----                         -----
LOCATIONID                     NOT NULL NUMBER(38)
LOCATIONNAME                   NOT NULL VARCHAR2(20)
```

Policy_CrimeType Table:

Create:

```
SQL> CREATE TABLE Policy_CrimeType (
 2   PolicyID INT,
 3   CrimeTypeID INT,
 4   PRIMARY KEY (PolicyID, CrimeTypeID),
 5   FOREIGN KEY (PolicyID) REFERENCES Policy(PolicyID) ON DELETE CASCADE,
 6   FOREIGN KEY (CrimeTypeID) REFERENCES CrimeType(CrimeTypeID) ON DELETE CASCADE
 7 );
Table created.
```

Description:

```
SQL> desc Policy_CrimeType;
      Name          Null?    Type
-----+
POLICYID           NOT NULL NUMBER(38)
CRIMETYPEID        NOT NULL NUMBER(38)
```

Policy_Technique:

Create:

```
SQL> CREATE TABLE Policy_Technique (
 2   PolicyID INT,
 3   TechniqueID INT,
 4   PRIMARY KEY (PolicyID, TechniqueID),
 5   FOREIGN KEY (PolicyID) REFERENCES Policy(PolicyID) ON DELETE CASCADE,
 6   FOREIGN KEY (TechniqueID) REFERENCES Technique(TechniqueID) ON DELETE
CASCADE
 7 );
```

Table created.

Description:

```
SQL> desc Policy_Technique;
      Name          Null?    Type
-----+
POLICYID           NOT NULL NUMBER(38)
TECHNIQUEID        NOT NULL NUMBER(38)
```

Policy_Location Table:

Create:

```
SQL> CREATE TABLE Policy_Location (
 2   PolicyID INT,
 3   LocationID INT,
 4   PRIMARY KEY (PolicyID, LocationID),
 5   FOREIGN KEY (PolicyID) REFERENCES Policy(PolicyID) ON DELETE CASCADE,
 6   FOREIGN KEY (LocationID) REFERENCES Location(LocationID) ON DELETE CA
SCADE
 7 );
```

Table created.

Description:

```
SQL> desc Policy_Location;
      Name          Null?    Type
-----+
POLICYID           NOT NULL NUMBER(38)
LOCATIONID         NOT NULL NUMBER(38)
```

DML Operations

Insert:

```
SQL> INSERT INTO Policy VALUES(1, 'Foot Patrols', 'Police officers on
foot patrol high-crime areas to deter criminal activity and provide a
visible presence in the community', '01-Jan-2022', NULL);

1 row created.

SQL> INSERT INTO Policy VALUES(2, 'Surveillance Cameras', 'Installatio
n of cameras in high-crime areas to monitor and record criminal activi
ty', '01-Apr-2022', NULL);

1 row created.

SQL> INSERT INTO Policy VALUES(3, 'Gang Task Force', 'Specialized unit
of police officers and detectives to investigate and prevent gang-rel
ated activity', '01-Jul-2022', NULL);

1 row created.

SQL> INSERT INTO Policy VALUES(4, 'Intelligence Unit', 'Collection an
d analysis of intelligence to identify and prevent criminal activity',
'02-Oct-2022', NULL);

1 row created.

SQL> INSERT INTO Policy VALUES(5, 'Neighborhood Watch Program', 'Comm
unity-based program to prevent crime by encouraging residents to look
out for one another and report suspicious activity', '01-Dec-2022', NU
LL);

1 row created.

SQL> INSERT INTO Policy VALUES(6, 'Bike Patrols', 'Police officers on
```

Table Data:

```
SQL> select * from Policy;

  POLICYID POLICYNAME
  -----
DESCRIPTION
  STARTDATE ENDDATE
  -----
    1 Foot Patrols
Police officers on foot patrol high-crime areas to deter criminal activity and p
rovide a visible presence in the community
01-JAN-20

    2 Surveillance Cameras
Installation of cameras in high-crime areas to monitor and record criminal activ

  POLICYID POLICYNAME
  -----
DESCRIPTION
  STARTDATE ENDDATE
  -----
ity
01-JAN-22

    3 Gang Task Force
Specialized unit of police officers and detectives to investigate and prevent ga
ng-related activity
01-APR-22

  POLICYID POLICYNAME
  -----
DESCRIPTION
  STARTDATE ENDDATE
  -----
    4 Intelligence Unit
Collection and analysis of intelligence to identify and prevent criminal activit
y
01-JUL-22

    5 Neighbour Watching
```

```
    5 Neighbour Watching

  POLICYID POLICYNAME
  -----
DESCRIPTION
  STARTDATE ENDDATE
  -----
Community-based program to prevent crime by encouraging residents to look out fo
r one another and report suspicious activity
01-DEC-22

    6 Bike Patrols
Police officers on bicycles patrol high-crime areas to deter criminal activity a
nd provide a more approachable presence in the community

  POLICYID POLICYNAME
  -----
DESCRIPTION
  STARTDATE ENDDATE
  -----
02-OCT-22

    7 DNA Database
Collection and analysis of DNA evidence to help identify suspects and solve crim
es
01-JAN-23

  7 rows selected.
```

Crime Type:

Insert Operation:

```
SQL> insert into CrimeType values(&CrimeTypeID,'&CrimeTypeName');
Enter value for crimetypeid: 1
Enter value for crimetypepname: Assault
old  1: insert into CrimeType values(&CrimeTypeID,'&CrimeTypeName')
new  1: insert into CrimeType values(1,'Assault')

1 row created.

SQL> /
Enter value for crimetypeid: 2
Enter value for crimetypepname: Burglary
old  1: insert into CrimeType values(&CrimeTypeID,'&CrimeTypeName')
new  1: insert into CrimeType values(2,'Burglary')

1 row created.

SQL> /
Enter value for crimetypeid: 3
Enter value for crimetypepname: Drug
old  1: insert into CrimeType values(&CrimeTypeID,'&CrimeTypeName')
new  1: insert into CrimeType values(3,'Drug')

1 row created.

SQL> /
Enter value for crimetypeid: 4
Enter value for crimetypepname: Fraud
old  1: insert into CrimeType values(&CrimeTypeID,'&CrimeTypeName')
new  1: insert into CrimeType values(4,'Fraud')

1 row created.

SQL> /
Enter value for crimetypeid: 5
Enter value for crimetypepname: Homicide
old  1: insert into CrimeType values(&CrimeTypeID,'&CrimeTypeName')
new  1: insert into CrimeType values(5,'Homicide')

1 row created.

SQL> /
Enter value for crimetypeid: 6
Enter value for crimetypepname: Robbery
old  1: insert into CrimeType values(&CrimeTypeID,'&CrimeTypeName')
new  1: insert into CrimeType values(6,'Robbery')

1 row created.

SQL> /
Enter value for crimetypeid: 7
Enter value for crimetypepname: Sexual Offense
old  1: insert into CrimeType values(&CrimeTypeID,'&CrimeTypeName')
new  1: insert into CrimeType values(7,'Sexual Offense')

1 row created.
```

```
SQL> /
Enter value for crimetypeid: 8
Enter value for crimetypepname: Theft
old  1: insert into CrimeType values(&CrimeTypeID,'&CrimeTypeName')
new  1: insert into CrimeType values(8,'Theft')

1 row created.

SQL> /
Enter value for crimetypeid: 9
Enter value for crimetypepname: Vandalism
old  1: insert into CrimeType values(&CrimeTypeID,'&CrimeTypeName')
new  1: insert into CrimeType values(9,'Vandalism')

1 row created.
```

Crime Type Table Data:

```
SQL> select * from CrimeType;
CRIMETYPEID CRIMETYPENAME
-----
 1 Assault
 2 Burglary
 3 Drug
 4 Fraud
 5 Homicide
 6 Robbery
 7 Sexual Offense
 8 Theft
 9 Vandalism

9 rows selected.
```

Technique Table Insertion:

```
SQL> insert into Technique values(&TechniqueID,'&TechniqueName');
Enter value for techniqueid: 1
Enter value for techniquename: Rapid Response
old    1: insert into Technique values(&TechniqueID,'&TechniqueName')
new    1: insert into Technique values(1,'Rapid Response')

1 row created.

SQL> /
Enter value for techniqueid: 2
Enter value for techniquename: Community Policing
old    1: insert into Technique values(&TechniqueID,'&TechniqueName')
new    1: insert into Technique values(2,'Community Policing')

1 row created.

SQL> /
Enter value for techniqueid: 3
Enter value for techniquename: Traffic Stops
old    1: insert into Technique values(&TechniqueID,'&TechniqueName')
new    1: insert into Technique values(3,'Traffic Stops')

1 row created.

SQL> /
Enter value for techniqueid: 4
Enter value for techniquename: Surveillance
old    1: insert into Technique values(&TechniqueID,'&TechniqueName')
new    1: insert into Technique values(4,'Surveillance')

1 row created.

SQL> /
Enter value for techniqueid: 5
Enter value for techniquename: Data Analysis
old    1: insert into Technique values(&TechniqueID,'&TechniqueName')
new    1: insert into Technique values(5,'Data Analysis')

1 row created.

SQL> /
Enter value for techniqueid: 6
Enter value for techniquename: Electronic Monitoring
old    1: insert into Technique values(&TechniqueID,'&TechniqueName')
new    1: insert into Technique values(6,'Electronic Monitoring')

1 row created.

SQL> /
Enter value for techniqueid: 7
Enter value for techniquename: NeighborhoodOutreach
old    1: insert into Technique values(&TechniqueID,'&TechniqueName')
new    1: insert into Technique values(7,'NeighborhoodOutreach')

1 row created.
```

Table Data:

```
SQL> select * from Technique;  
TECHNIQUEID TECHNIQUENAME  
-----  
1 Rapid Response  
2 Community Policing  
3 Traffic Stops  
4 Surveillance  
5 Data Analysis  
6 Electronic Monitoring  
7 NeighborhoodOutreach  
  
7 rows selected.
```

Location Table Insertion:

```
SQL> insert into Location values(&LocationId,'&LocationName');  
Enter value for locationid: 1  
Enter value for locationname: Hyderabad  
old  1: insert into Location values(&LocationId,'&LocationName')  
new  1: insert into Location values(1,'Hyderabad')  
  
1 row created.  
  
SQL> /  
Enter value for locationid: 2  
Enter value for locationname: Delhi  
old  1: insert into Location values(&LocationId,'&LocationName')  
new  1: insert into Location values(2,'Delhi')  
  
1 row created.  
  
SQL> /  
Enter value for locationid: 3  
Enter value for locationname: Bangalore  
old  1: insert into Location values(&LocationId,'&LocationName')  
new  1: insert into Location values(3,'Bangalore')  
  
1 row created.  
  
SQL> /  
Enter value for locationid: 4  
Enter value for locationname: Mumbai  
old  1: insert into Location values(&LocationId,'&LocationName')  
new  1: insert into Location values(4,'Mumbai')  
  
1 row created.  
  
SQL> /  
Enter value for locationid: 5  
Enter value for locationname: Chennai  
old  1: insert into Location values(&LocationId,'&LocationName')  
new  1: insert into Location values(5,'Chennai')  
  
1 row created.  
  
SQL> /  
Enter value for locationid: 6  
Enter value for locationname: Kolkata  
old  1: insert into Location values(&LocationId,'&LocationName')  
new  1: insert into Location values(6,'Kolkata')
```

Table Data:

```
SQL> select * from Location;  
  
LOCATIONID LOCATIONNAME  
-----  
1 Hyderabad  
2 Delhi  
3 Bangalore  
4 Mumbai  
5 Chennai  
6 Kolkata  
  
6 rows selected.
```

Policy_CrimeType Insertion:

```
SQL> insert into Policy_CrimeType values(&PolicyID,&CrimeTypeID);  
Enter value for policyid: 1  
Enter value for crimetypeid: 1  
old  1: insert into Policy_CrimeType values(&PolicyID,&CrimeTypeID)  
new  1: insert into Policy_CrimeType values(1,1)  
  
1 row created.  
  
SQL> /  
Enter value for policyid: 1  
Enter value for crimetypeid: 6  
old  1: insert into Policy_CrimeType values(&PolicyID,&CrimeTypeID)  
new  1: insert into Policy_CrimeType values(1,6)  
  
1 row created.  
  
SQL> /  
Enter value for policyid: 2  
Enter value for crimetypeid: 2  
old  1: insert into Policy_CrimeType values(&PolicyID,&CrimeTypeID)  
new  1: insert into Policy_CrimeType values(2,2)  
  
1 row created.  
  
SQL> /  
Enter value for policyid: 2  
Enter value for crimetypeid: 8  
old  1: insert into Policy_CrimeType values(&PolicyID,&CrimeTypeID)  
new  1: insert into Policy_CrimeType values(2,8)  
  
1 row created.  
  
SQL> /  
Enter value for policyid: 2  
Enter value for crimetypeid: 9  
old  1: insert into Policy_CrimeType values(&PolicyID,&CrimeTypeID)  
new  1: insert into Policy_CrimeType values(2,9)  
  
1 row created.  
  
SQL> /  
Enter value for policyid: 3  
Enter value for crimetypeid: 3  
old  1: insert into Policy_CrimeType values(&PolicyID,&CrimeTypeID)  
new  1: insert into Policy_CrimeType values(3,3)  
  
1 row created.
```

```
SQL> /
Enter value for policyid: 3
Enter value for crimetypeid: 6
old  1: insert into Policy_CrimeType values(&PolicyID,&CrimeTypeID)
new  1: insert into Policy_CrimeType values(3,6)

1 row created.

SQL> /
Enter value for policyid: 4
Enter value for crimetypeid: 4
old  1: insert into Policy_CrimeType values(&PolicyID,&CrimeTypeID)
new  1: insert into Policy_CrimeType values(4,4)

1 row created.

SQL> /
Enter value for policyid: 4
Enter value for crimetypeid: 8
old  1: insert into Policy_CrimeType values(&PolicyID,&CrimeTypeID)
new  1: insert into Policy_CrimeType values(4,8)

1 row created.
```

```
SQL> /
Enter value for policyid: 5
Enter value for crimetypeid: 8
old  1: insert into Policy_CrimeType values(&PolicyID,&CrimeTypeID)
new  1: insert into Policy_CrimeType values(5,8)

1 row created.

SQL> /
Enter value for policyid: 5
Enter value for crimetypeid: 9
old  1: insert into Policy_CrimeType values(&PolicyID,&CrimeTypeID)
new  1: insert into Policy_CrimeType values(5,9)

1 row created.

SQL> /
Enter value for policyid: 6
Enter value for crimetypeid: 1
old  1: insert into Policy_CrimeType values(&PolicyID,&CrimeTypeID)
new  1: insert into Policy_CrimeType values(6,1)

1 row created.

SQL> /
Enter value for policyid: 6
Enter value for crimetypeid: 6
old  1: insert into Policy_CrimeType values(&PolicyID,&CrimeTypeID)
new  1: insert into Policy_CrimeType values(6,6)

1 row created.
```

```
SQL> /
Enter value for policyid: 7
Enter value for crimetypeid: 2
old  1: insert into Policy_CrimeType values(&PolicyID,&CrimeTypeID)
new  1: insert into Policy_CrimeType values(7,2)

1 row created.|
```

```
SQL> /
Enter value for policyid: 7
Enter value for crimetypeid: 5
old  1: insert into Policy_CrimeType values(&PolicyID,&CrimeTypeID)
new  1: insert into Policy_CrimeType values(7,5)

1 row created.
```

Policy_CrimeType Data:

```
SQL> select * from Policy_CrimeType;
POLICYID CRIMETYPEID
-----
1 1
1 6
2 2
2 8
2 9
3 3
3 6
4 4
4 8
5 8
5 9

POLICYID CRIMETYPEID
-----
6 1
6 6
7 2
7 5

15 rows selected.
```

Policy_Technique Insertion:

```
SQL> insert into Policy_Technique values(&PolicyID,&TechniqueID);
Enter value for policyid: 1
Enter value for techniqueid: 2
old  1: insert into Policy_Technique values(&PolicyID,&TechniqueID)
new  1: insert into Policy_Technique values(1,2)

1 row created.

SQL> /
Enter value for policyid: 1
Enter value for techniqueid: 3
old  1: insert into Policy_Technique values(&PolicyID,&TechniqueID)
new  1: insert into Policy_Technique values(1,3)

1 row created.

SQL> /
Enter value for policyid: 2
Enter value for techniqueid: 4
old  1: insert into Policy_Technique values(&PolicyID,&TechniqueID)
new  1: insert into Policy_Technique values(2,4)

1 row created.

SQL> /
Enter value for policyid: 2
Enter value for techniqueid: 5
old  1: insert into Policy_Technique values(&PolicyID,&TechniqueID)
new  1: insert into Policy_Technique values(2,5)

1 row created.

SQL> /
Enter value for policyid: 3
Enter value for techniqueid: 1
old  1: insert into Policy_Technique values(&PolicyID,&TechniqueID)
new  1: insert into Policy_Technique values(3,1)

1 row created.

SQL> /
Enter value for policyid: 3
Enter value for techniqueid: 2
old  1: insert into Policy_Technique values(&PolicyID,&TechniqueID)
new  1: insert into Policy_Technique values(3,2)

1 row created.

SQL> /
Enter value for policyid: 3
Enter value for techniqueid: 6
old  1: insert into Policy_Technique values(&PolicyID,&TechniqueID)
new  1: insert into Policy_Technique values(3,6)

1 row created.
```

```
SQL> /
Enter value for policyid: 4
Enter value for techniqueid: 5
old  1: insert into Policy_Technique values(&PolicyID,&TechniqueID)
new  1: insert into Policy_Technique values(4,5)

1 row created.

SQL> /
Enter value for policyid: 4
Enter value for techniqueid: 7
old  1: insert into Policy_Technique values(&PolicyID,&TechniqueID)
new  1: insert into Policy_Technique values(4,7)

1 row created.

SQL> /
Enter value for policyid: 5
Enter value for techniqueid: 2
old  1: insert into Policy_Technique values(&PolicyID,&TechniqueID)
new  1: insert into Policy_Technique values(5,2)

1 row created.

SQL> /
Enter value for policyid: 5
Enter value for techniqueid: 7
old  1: insert into Policy_Technique values(&PolicyID,&TechniqueID)
new  1: insert into Policy_Technique values(5,7)

1 row created.

SQL> /
Enter value for policyid: 6
Enter value for techniqueid: 1
old  1: insert into Policy_Technique values(&PolicyID,&TechniqueID)
new  1: insert into Policy_Technique values(6,1)

1 row created.

SQL> /
Enter value for policyid: 6
Enter value for techniqueid: 2
old  1: insert into Policy_Technique values(&PolicyID,&TechniqueID)
new  1: insert into Policy_Technique values(6,2)

1 row created.
```

```
SQL> /
Enter value for policyid: 6
Enter value for techniqueid: 7
old  1: insert into Policy_Technique values(&PolicyID,&TechniqueID)
new  1: insert into Policy_Technique values(6,7)

1 row created.

SQL> /
Enter value for policyid: 7
Enter value for techniqueid: 4
old  1: insert into Policy_Technique values(&PolicyID,&TechniqueID)
new  1: insert into Policy_Technique values(7,4)

1 row created.

SQL> /
Enter value for policyid: 7
Enter value for techniqueid: 5
old  1: insert into Policy_Technique values(&PolicyID,&TechniqueID)
new  1: insert into Policy_Technique values(7,5)

1 row created.
```

Table Data:

```
SQL> select * from Policy_Technique;

POLICYID TECHNIQUEID
----- -----
      1          2
      1          3
      2          4
      2          5
      3          1
      3          2
      3          6
      4          5
      4          7
      5          2
      5          7

POLICYID TECHNIQUEID
----- -----
      6          1
      6          2
      6          7
      7          4
      7          5

16 rows selected.
```

Policy_Location Insertion:

```
SQL> insert into Policy_Location values(&PolicyID,&LocationID);
Enter value for policyid: 1
Enter value for locationid: 1
old  1: insert into Policy_Location values(&PolicyID,&LocationID)
new  1: insert into Policy_Location values(1,1)

1 row created.

SQL> /
Enter value for policyid: 1
Enter value for locationid: 2
old  1: insert into Policy_Location values(&PolicyID,&LocationID)
new  1: insert into Policy_Location values(1,2)

1 row created.

SQL> /
Enter value for policyid: 2
Enter value for locationid: 2
old  1: insert into Policy_Location values(&PolicyID,&LocationID)
new  1: insert into Policy_Location values(2,2)

1 row created.

SQL> /
Enter value for policyid: 2
Enter value for locationid: 3
old  1: insert into Policy_Location values(&PolicyID,&LocationID)
new  1: insert into Policy_Location values(2,3)

1 row created.

SQL> /
Enter value for policyid: 3
Enter value for locationid: 4
old  1: insert into Policy_Location values(&PolicyID,&LocationID)
new  1: insert into Policy_Location values(3,4)

1 row created.

SQL> /
Enter value for policyid: 3
Enter value for locationid: 5
old  1: insert into Policy_Location values(&PolicyID,&LocationID)
new  1: insert into Policy_Location values(3,5)

1 row created.
```

```
SQL> /
Enter value for policyid: 4
Enter value for locationid: 1
old  1: insert into Policy_Location values(&PolicyID,&LocationID)
new  1: insert into Policy_Location values(4,1)

1 row created.

SQL> /
Enter value for policyid: 4
Enter value for locationid: 6
old  1: insert into Policy_Location values(&PolicyID,&LocationID)
new  1: insert into Policy_Location values(4,6)

1 row created.

SQL> /
Enter value for policyid: 5
Enter value for locationid: 2
old  1: insert into Policy_Location values(&PolicyID,&LocationID)
new  1: insert into Policy_Location values(5,2)

1 row created.

SQL> /
Enter value for policyid: 5
Enter value for locationid: 4
old  1: insert into Policy_Location values(&PolicyID,&LocationID)
new  1: insert into Policy_Location values(5,4)

1 row created.

SQL> /
Enter value for policyid: 6
Enter value for locationid: 1
old  1: insert into Policy_Location values(&PolicyID,&LocationID)
new  1: insert into Policy_Location values(6,1)

1 row created.

SQL> /
Enter value for policyid: 6
Enter value for locationid: 3
old  1: insert into Policy_Location values(&PolicyID,&LocationID)
new  1: insert into Policy_Location values(6,3)

1 row created.|
```



```
SQL> /
Enter value for policyid: 7
Enter value for locationid: 2
old  1: insert into Policy_Location values(&PolicyID,&LocationID)
new  1: insert into Policy_Location values(7,2)

1 row created.

SQL> /
Enter value for policyid: 7
Enter value for locationid: 5
old  1: insert into Policy_Location values(&PolicyID,&LocationID)
new  1: insert into Policy_Location values(7,5)

1 row created.
```

Table Data:

```
SQL> select * from Policy_Location;
```

POLICYID	LOCATIONID
1	1
1	2
2	2
2	3
3	4
3	5
4	1
4	6
5	2
5	4
6	1

POLICYID	LOCATIONID
6	3
7	2
7	5

14 rows selected.

More DML operations:

```
SQL> insert into Policy values(8,'Gun Control','Regulates the possession and use of firearms','01-Jan-2010','');
```

1 row created.

```
SQL> update Location set LocationName='Pune' where LocationID=6;
```

1 row updated.

```
SQL> select * from Location;
```

LOCATIONID	LOCATIONNAME
1	Hyderabad
2	Delhi
3	Bangalore
4	Mumbai
5	Chennai
6	Pune

6 rows selected.

```
SQL> delete from Policy where PolicyID=8;
```

1 row deleted.