

Inserting NULL values into a table and Selecting NULL values

```
Use COMPANY3;  
GO
```

```
delete from Employee1 where Minit = 'X' or Lname = 'Brog1' ;
```

```
select * from Employee1;
```

-- Employee1 table does NOT have FK constraint superssn to PK ssn, so any value including NULL or ' ' will be accepted but NULL is taken as missing value, not ' '

```
Insert Into Employee1 Values ('James', 'X', 'Brog1', '888660001', '10-Nov-27', '450 Stone,  
Houston, TX', 'M', '55000', Null, '1');
```

--This insert will NOT error out because in DDL of Employee1 there is NOT FK superssn referncing PK ssn column so ' ' which is not an existing value of PK ssn --, won't be checked by server. So space ' ' will be inserted but this is not taken as NULL by server, so IS NULL query would not select those tuple !

```
Insert Into Employee1 Values ('James', 'X', 'Brog2', '888661112', '10-Nov-27', '450 Stone,  
Houston, TX', 'M', '55000', ' ', '1');
```

```
Insert Into Employee1 Values ('James', 'X', 'Brog2', '888669999', '10-Nov-27', '450 Stone,  
Houston, TX', 'M', '55000', '', '1');
```

```
Insert Into Employee1 Values ('James', 'X', 'Brog3', '888662223', '10-Nov-27', '450 Stone,  
Houston, TX', 'M', '55000', null, '1');
```

```
GO
```

```
select * from Employee1;
```

```
select * from Employee1 where Super_ssn IS NULL;
```

```
select * from Employee1 where Super_ssn = ' ';
```

