8.11.2-SQL-Commands¶

cmd.ExecuteNonQuery();

```
CREATE TABLE discoveries (
         id INT NOT NULL IDENTITY,
         idMushroom INT,
                                                                                                                                           MSDN - Doc IS WRONG!!!
         dateDiscovery DATE,
        geopoint GEOGRAPHY,
         x NUMERIC(4),
        y NUMERIC(4),
                                                                                                                                        Longitude Latitude
                                                                                                                                                                                              SRID
         CONSTRAINT pkDiscovery PRIMARY KEY(id),
CONSTRAINT fkDiscovery FOREIGN KEY (idMushroom) REFERENCES mushrooms
      INSERT INTO dbo.discoveries (idMushroom, dateDiscovery, geopoint, x, y)

VALUES(1, CONVERT(DATE, '14.04.2018', 104).geography::STPointFromText('POINT(13.579347 46.743941)', 4326), 332, 122):
8.11.3 - ADO.Net
public void AddDiscovery(Discovery d)
      SqlCommand cmd = new SqlCommand(INSERT_DISCOVERY, conn, trx);
     cmd.Parameters.Add("idMushroom", SqlDbType.Int).Value = d.MushroomFound.Id;
cmd.Parameters.Add("dateDiscovery", SqlDbType.Date).Value = d.DateOfDiscovery;
SqlParameter para = new System.Data.SqlClient.SqlParameter
          ParameterName = "geopoint",
SqlDbType = System.Data.SqlDbType.Udt,
UdtTypeName = "geography",
Value = SqlEography Point(d.PositionOfDiscovery.Latitude, d.PositionOfDiscovery.Longitude, 4326)
//SRID 4326...Definition of Earth-Ellipsoid of 1984, Greenwich, unit = Meter
     cmd.Parameters.Add("x", SqlDbType.Int).Value = d.PositionOfDiscovery.ImgPoint_X;
cmd.Parameters.Add("y", SqlDbType.Int).Value = d.PositionOfDiscovery.ImgPoint_Y;
```