

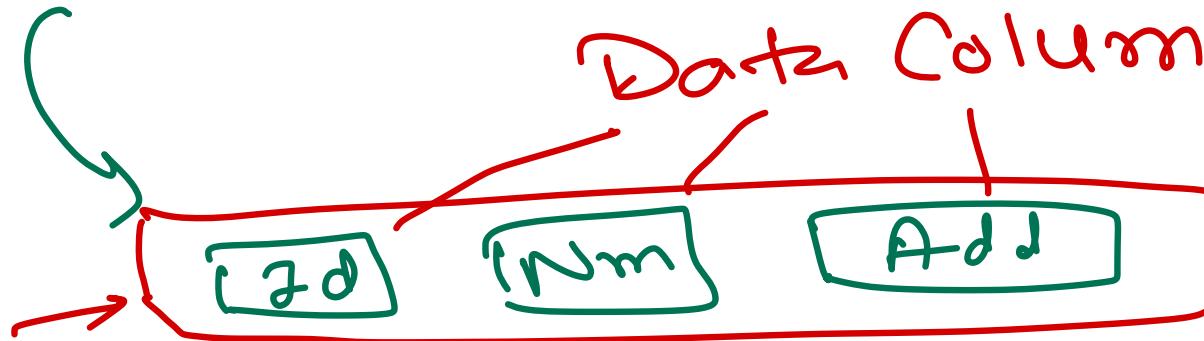
DataSet = IETDb

DataTable = dbo.Emp

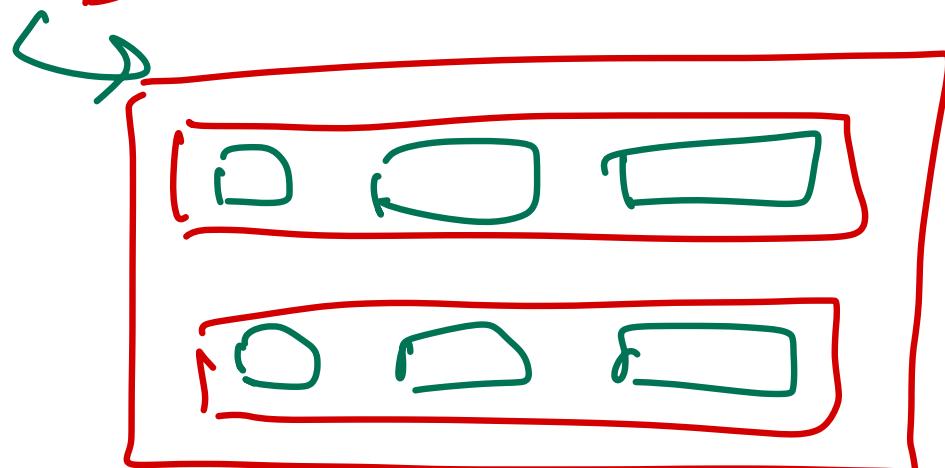
DataRow₂ = Emp rows → [Id, Name, Addr]

DataColumn = Id, Name, Addr

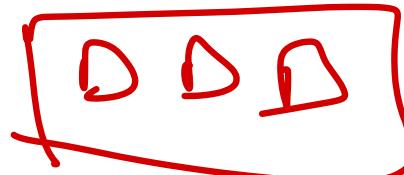
Data Row is a collection of
Data Columns.



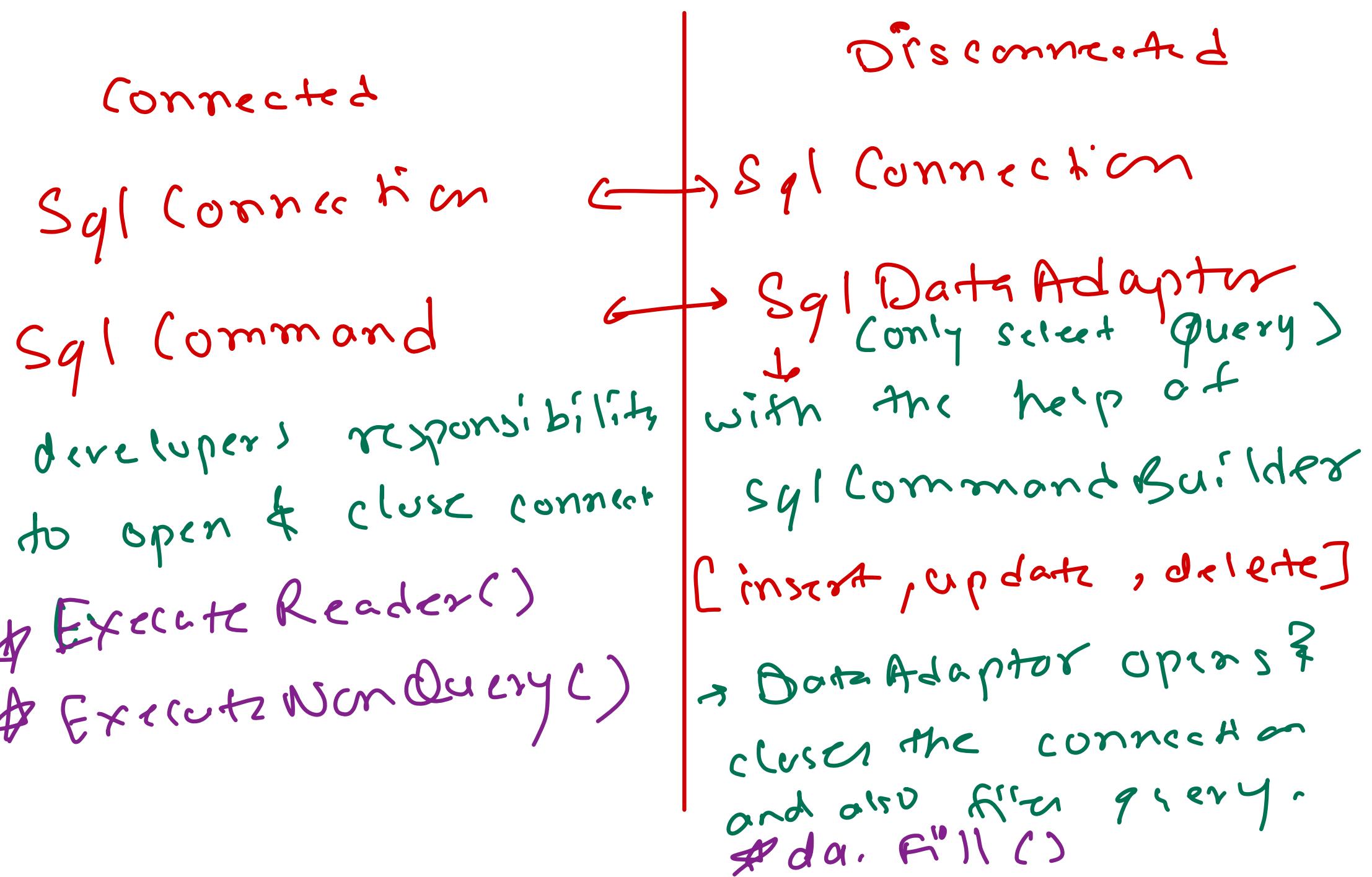
DataTable is a collection of Data Rows



DataSet is a collection of DataTables



ADO.NET



// Business Presentation Layer.

UI :- React / console / MVC UI

// Business Entity:-

// POCO Class :- model

// Business Logic :-



Repository



interface

Repository

Db context

factory class

View Model

$\langle T \rangle$

Emp

Student

Cust

emps

students

custs

emp

student

cust

student

cust

class IEmployeeViewMode

prop List<Emp> emps

prop List<Student> students

Entity framework

ORM

Microsoft.

→ 8.0

Entity framework Core.dll

Db context → EF class

- Which Data source
- Which Database
- Security Credentials.

class EmpDbContract⁻ : DbContent
? + ~~=~~ ↗ E, F
NxF app EF app

5

