Delegate :

Callback mechanism.

Dotnet : base class library(predefined library) + CLR

**ADO DOTNET**

ADO : active ex data object

Can be used in any language

Can connect to oracle, sql, excel or any other data source

Types of databases can connect to Ado .net are:

1. FOXPro, dBase, ms access, ms excel 🡪 File databasr
2. Sql server, oracle, mongo db🡪 server database

Drivers : hardware driver also called provider ( different driver for excel, database)

Db🡨🡪Driver 🡨🡪.net application

Connection string

Defined in Configuration file(xml or json) : server, userId, password, provider

Another name for database : initial catalog

The configuration file is stored in xml or json rather than .cs file, because for .cs file the compilation is required while in xml or json no need of compilation

Syntax :

-provider=XXX; user id=XXXX, password : XXX, data source =XXXX;

Namespace : System.Data;