What is ADO.NET?

- **ADO.NET** (**A**ctiveX **D**ata **O**bjects .NET) is a <u>data access technology</u> provided by Microsoft as a part of the .NET Framework.

- It is designed to enable developers to <u>interact with relational databases and other data sources</u> in a consistent and efficient manner.

- ADO.NET provides a set of classes and components that allow developers to <u>connect to databases</u>, <u>execute queries</u>, <u>retrieve and manipulate data</u>, and <u>perform other data-related operations</u>.

- ADO.NET is a powerful and flexible technology for accessing and manipulating data in .NET applications, providing efficient and scalable data access capabilities.

What is ADO.NET?

ADO.NET is a module of .Net Framework which is used to establish connection between application and data sources. Data sources can be such as SQL Server and XML. ADO.NET consists of classes that can be used to connect, retrieve, insert and delete data.

What types of Applications use ADO.NET?

ADO.NET can be used to develop any kind of .NET application. The following are some of the .NET applications where you can use ADO.NET Data Access Technology to interact with a data source.

1. **ASP.NET Web Form Applications**

2. **Windows Applications**

3. **ASP.NET MVC Application**

4. **Console Applications**

5. **ASP.NET Web API Applications**

6. **ASP.NET Core Applications**

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