

SQL Server Tutorial

Part 122 - IIF function in SQL Server

Venkat

PRAGIM Technologies

kudvenkat@gmail.com

<http://csharp-video-tutorials.blogspot.com>

PragimTech.com | facebook.com/pragimtech | twitter.com/kudvenkat | 91 99456 99393

In this session we will learn

- IIF function in SQL Server

Link to Dot Net Basics, ASP.NET, C#, ADO.NET and SQL Server video series

<http://www.youtube.com/user/kudvenkat/playlists>

Suggested Videos

Part 119 - UNPIVOT in SQL Server

Part 120 - Reverse PIVOT table in SQL Server

Part 121 - Choose function in SQL Server

IIF function in SQL Server

If you are in need of the DVD with all the videos and PPT's, please visit
<http://pragimtech.com/order.aspx>

IIF function

- Introduced in SQL Server 2012
- Returns one of two the values, depending on whether the Boolean expression evaluates to true or false
- IIF is a shorthand way for writing a CASE expression

Syntax: `IIF (boolean_expression, true_value, false_value)`

Example : Returns Male as the boolean expression evaluates to TRUE

```
DECLARE @Gender INT
SET @Gender = 1
SELECT IIF( @Gender = 1, 'Male', 'Femlae') AS Gender
```

↓
Gender
Male

IIF function in SQL Server

Example : Using IIF() function with table data

Id	Name	GenderId			
			Name	GenderId	Gender
1	Mark	1	Mark	1	Male
2	John	1	John	1	Male
3	Amy	2	Amy	2	Female
4	Ben	1	Ben	1	Male
5	Sara	2	Sara	2	Female
6	David	1	David	1	Male

Using CASE statement

```
SELECT Name, GenderId,  
       CASE WHEN GenderId = 1  
            THEN 'Male'  
            ELSE 'Female'  
       END AS Gender  
FROM Employees
```

Using IIF function

```
SELECT Name, GenderId,  
       IIF(GenderId = 1, 'Male', 'Female') AS Gender  
FROM Employees
```

Additional Resources

PRAGIM Home Page:

www.PragimTech.com

Resources:

C#, ADO.NET, ASP.NET, SQL Server & MVC youtube Playlists

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