

## Part 23 – String functions Continued

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# In this session we will learn

- Few more commonly used built-in string functions in SQL server
  - LEFT()
  - RIGHT()
  - CHARINDEX()
  - SUBSTRING()

A real time example of using string functions

## **Pre-requisite:**

Part 11 – Group By in SQL Server

Part 22 – Built in string functions in sql server

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# String functions

Function	Purpose
LEFT(Character_Expression, Integer_Expression)	Returns the specified number of characters from the left hand side of the given character expression.
RIGHT(Character_Expression, Integer_Expression)	Returns the specified number of characters from the right hand side of the given character expression.
CHARINDEX('Expression_To_Find', 'Expression_To_Search', 'Start_Location')	Returns the starting position of the specified expression in a character string
SUBSTRING('Expression', 'Start', 'Length')	Returns substring (part of the string), from the given expression

Id	FirstName	LastName	Email
1	Sam	Sony	Sam@aaa.com
2	Ram	Barber	Ram@aaa.com
3	Sara	Sanosky	Sara@ccc.com
4	Todd	Gartner	Todd@bbb.com
5	John	Grover	John@aaa.com
6	Sana	Lenin	Sana@ccc.com
7	James	Bond	James@bbb.com
8	Rob	Hunter	Rob@ccc.com
9	Steve	Wilson	Steve@aaa.com
10	Pam	Broker	Pam@bbb.com



EmailDomain	Total
aaa.com	4
bbb.com	3
ccc.com	3

```
Select SUBSTRING (Email, CHARINDEX ('@', Email) +1,
(LEN (Email) - CHARINDEX ('@', Email))) as EmailDomain,
Count (*) as Total
From tblEmployee
Group By SUBSTRING (Email, CHARINDEX ('@', Email) +1,
(LEN (Email) - CHARINDEX ('@', Email)))
```

# Additional Resources

- PRAGIM Home Page:

- <http://www.PragimTech.com>

- Resources:

- ASP.NET Interview Questions
  - <http://www.VenkatASPInterview.Blogspot.com>
  - C# Interview Questions
  - <http://www.VenkatCSharpInterview.Blogspot.com>

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