

LinQ Count Function

LinQ Count Function - It is used to return the number of elements present in the collection or the number of elements which have satisfied a condition

Arguments used in LinQ Count Function:

Datatable_Name -> Enter the Datatable of spreadsheet which need to be used in LinQ operation

Where_Column -> Enter in which column data you need to perform the operation

Search_Data -> Enter the value need to be search/Find in Spreadsheet

Result_Data -> It helps to get the output data as Interger

Prerequisite & Steps:

Step1: Use Read Range (Workbook Activity)/(Excel Activity) and create output variable & pass it as input to Datatable_Name

Step2: Use the variable **Result_Data** (Output Variable) to print the result in Writeline/Message Box

The screenshot displays a software interface with two main windows. The left window is an Excel spreadsheet titled 'challenge - Excel' with the following data:

First Name	Last Name	Company Name	Role in Company	Add
John	Smith	IT Solutions	Analyst	98 North Rd
Jane	Dorsey	MediCare	Medical Engineer	11 Crown St
Albert	Kipling	Waterfront	Accountant	22 Guild Str
Michael	Robertson	MediCare	IT Specialist	17 Farburn
Doug	Derrick	Timepath Inc.	Analyst	99 Shire Oal
Jessie	Marlowe	Aperture Inc.	Scientist	27 Cheshire
Stan	Hamm	Sugarwell	Advisor	10 Dam Road
Michelle	Norton	Aperture Inc.	Scientist	13 White Rd
Stacy	Shelby	TechDev	HR Manager	19 Pineappl
Lara	Palmer	Timepath Inc.	Programmer	87 Orange S

The right window is 'LinQ Library Test - UiPath Studio'. It shows a workflow with the following steps:

- Read Range**: Reads data from 'challenge.xlsx' into a variable named 'Range'.
- LinQ Count Function**: Takes 'Range' as input and performs a count operation.
- Write Line**: Outputs the result of the count operation to the console using the text 'int_result.ToString()'.

The 'Properties' pane on the right shows the configuration for the 'LinQ Count Function' activity:

- Common**: DisplayName is 'LinQ Count Function'.
- Input**:
 - Datatable_Name**: Dt_Challenge
 - Search_Data**: Analyst
 - Where_Column**: Role in Company
- Misc**: Private is unchecked.
- Output**: Result_Data is int_result.

The 'Output' pane at the bottom shows the execution log:

- Debug started for file: Main
- LinQ Library Test execution started
- 2
- LinQ Library Test execution ended in: 00:00:05