Change the names of the DataTable columns in UiPath

We prefer to adjust DataTable column names that are generally obtained as input for the bot while dealing with excel or directly from a database while automating a business process.
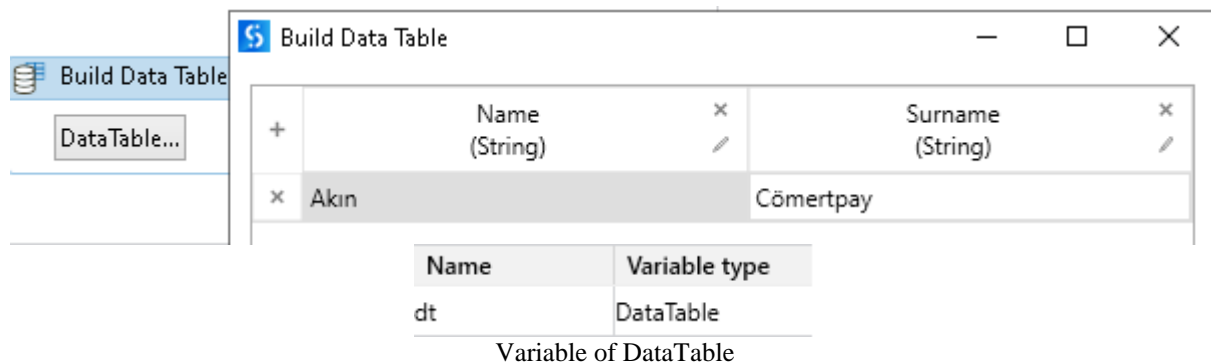
For example we have an input excel file with a few columns, and we need to change the name of one of them before forwarding it to the end user.
The bot's correctness will be verified, and any pending tasks that the bot failed to complete will be completed by the business user.

So, in this article, we'll look at how we can do it.
The first step is to create the **DataTable** in UiPath Studio, as seen below:

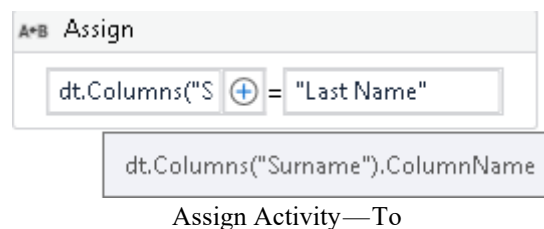-**Build Data Table Activity** to create a **DataTable**

Variable of DataTable

The names of the columns can be seen here:

- **Name**
- **Surname**

We'll now attempt to modify the "**Surname**" column to "**Last Name**".

Step 2: Drag and drop an Assign activity and type the following command in the to property:
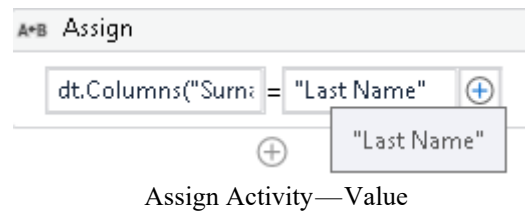

Assign Activity—To

As you see:

dt - **The Build Data Table Output** contains all of the row and column values.
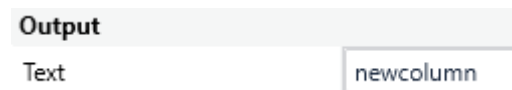We are selecting the **"Surname"** column, which is a Column Name, from all of DataTable's columns.
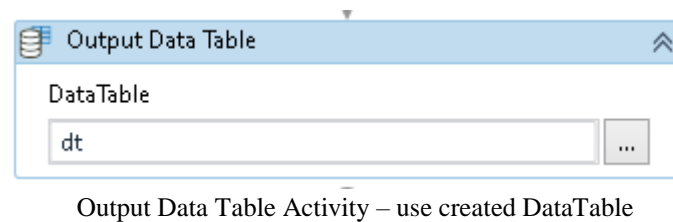
Now **we'll look at** what to put in the **Value** property, which is as follows:

Assign Activity—Value

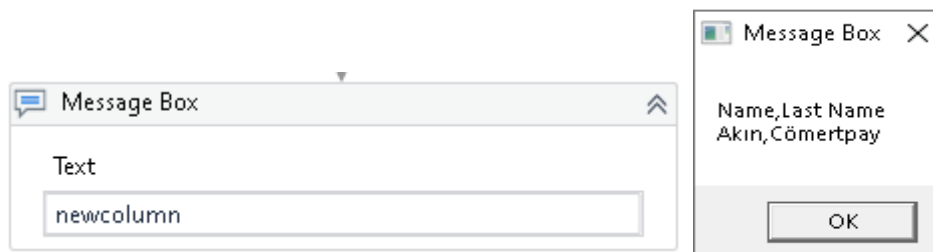This will be the **new column name**, which will take the place of the **old one**.

The DataTable's **"Surname"** field will now be changed to "**Last Name**".

Let's look at how the **column name** is modified using the activity below:

Output Data Table Activity – use created DataTable

Output of Output DataTable text to see result

We will use **Output Data Table Activity** to get result in **S**tring.

The following code converts a **Data Table** to a **String**, which we can then display in the message box:

In the **output**, we can see that the **Column Name**, which was formerly **"Surname"**, has been changed to **"Last Name"**.

This is how we **alter** the names of datatable columns in **UiPath**, and it's a very useful topic when designing status reports for business users.

I hope it will useful to you in automation,

Thank you for reading..

Akın Cömertpay