

1&3.KirklandVisitsDerivedDTSourceFlatConn						
Advanced						
Name:	Time	Patient	Clinic	Doctor	Procedure	Charge
Column Delimiter:	Comma {,}	Comma {,}	Comma {,}	Comma {,}	Comma {,}	{CR}{LF}
Data Type:	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR
OutPut Column Width:	50	50	50	50	50	50
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
General						
Connection Manager Name:	1&3.KirklandVisitsDerivedDTSourceFlatConn					
Description:	Connects to Kirkland Visits CSV Source on Flat Files.					
File Name:	C:_BISolutions\Module08 The Final\Final\ClinicDailyData\Kirkland\20100102Visits.csv					
Locale:	English (United States)					
Format:	Delimited					
Text Qualifier:	None					
Header Row Delimiter:	{CR}{LF}					
Header Rows to Skip:	0					
Column Names in First Data Row:	Checked					
Connections						
Input Columns:			Output Columns:			
Column	Data Type	Length	Column	Data type	Length	
Time	Unicode string [DT_WSTR]	50	Time	Unicode string [DT_WSTR]	50	
Patient	Unicode string [DT_WSTR]	50	Patient	Unicode string [DT_WSTR]	50	
Doctor	Unicode string [DT_WSTR]	50	Doctor	Unicode string [DT_WSTR]	50	
Procedure	Unicode string [DT_WSTR]	50	Procedure	Unicode string [DT_WSTR]	50	
Charge	Unicode string [DT_WSTR]	50	Charge	Unicode string [DT_WSTR]	50	
Clinic	Unicode string [DT_WSTR]	50	Clinic	Unicode string [DT_WSTR]	50	

Replace the time column with DateTime

Note: The expression string adds today's date to the already given time values while replacing the time column.

Derived Column Settings								
Input Columns:					Output Columns:			
Column	Data Type	Length	Expression	Friendly Expression	Output Columns	Data type	Length	Usage Type
Time	Unicode string [DT_WSTR]	50	(DT_WSTR,4)[DATEPART]("yyyy",[GETDATE]()) + [RIGHT]("0" + (DT_WSTR,2)[DATEPART]("mm",[GETDATE]()),2) + [RIGHT]("0" + (DT_WSTR,2)[DATEPART]("dd",[GETDATE]()),2) + #32	(DT_WSTR,4)DATEPART("yyyy",[GETDATE]()) + RIGHT("0" + (DT_WSTR,2)DATEPART("mm",[GETDATE]()),2) + RIGHT("0" + (DT_WSTR,2)DATEPART("dd",[GETDATE]()),2) + Time	Time-Alias Derived (Replace)	Unicode string [DT_WSTR]	50	READWRITE
					Patient	Unicode string [DT_WSTR]	50	
					Doctor	Unicode string [DT_WSTR]	50	
					Procedure	Unicode string [DT_WSTR]	50	
					Charge	Unicode string [DT_WSTR]	50	
					Clinic	Unicode string [DT_WSTR]	50	

***Note: Outputs to Kirkland_VisitsDTMerged.csv with correct DateTime string.

2.KirklandVisitsDerivedDTDestFlatConn						
Advanced						
Name:	Time	Patient	Clinic	Doctor	Procedure	Charge
Column Delimiter:	Comma {,}	Comma {,}	Comma {,}	Comma {,}	Comma {,}	{CR}{LF}
Data Type:	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR
OutPut Column Width:	50	50	50	50	50	50
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
General						
Connection Manager Name:	2.KirklandVisitsDerivedDestFlatConn					
Description:	Kirkland Visits Derived Destination Date/Time ETL					
File Name:	C:_BISolutions\Module08 The Final\Final\ClinicDailyData\Kirkland\Kirkland_VisitsDTMerged\Kirkland_VisitsDTMerged.csv					
Locale:	English (United States)					
Format:	Delimited					
Text Qualifier:	None					
Header Row Delimiter:	{CR}{LF}					
Header Rows to Skip:	0					
Column Names in First Data Row:	Unchecked					
Connections						
Input Columns:			Output Columns:			
Column	Data Type	Length	Column	Data type	Length	
Time	Unicode string [DT_WSTR]	50	Time	Unicode string [DT_WSTR]	50	
Patient	Unicode string [DT_WSTR]	50	Patient	Unicode string [DT_WSTR]	50	
Doctor	Unicode string [DT_WSTR]	50	Doctor	Unicode string [DT_WSTR]	50	
Procedure	Unicode string [DT_WSTR]	50	Procedure	Unicode string [DT_WSTR]	50	
Charge	Unicode string [DT_WSTR]	50	Charge	Unicode string [DT_WSTR]	50	
Clinic	Unicode string [DT_WSTR]	50	Clinic	Unicode string [DT_WSTR]	50	

1&3.KirklandVisitsDerivedDTSourceFlatConn						
Advanced						
Name:	Time	Patient	Clinic	Doctor	Procedure	Charge
Column Delimiter:	Comma {,}	Comma {,}	Comma {,}	Comma {,}	Comma {,}	{CR}{LF}
Data Type:	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR
OutPut Column Width:	50	50	50	50	50	50
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE
General						
Connection Manager Name:	1&3.KirklandVisitsDerivedDTSourceFlatConn					
Description:	Connects to Kirkland Visits CSV Source on Flat Files.					
File Name:	C:_BISolutions\Module08 The Final\Final\ClinicDailyData\Kirkland\20100102Visits.csv					
Locale:	English (United States)					
Format:	Delimited					
Text Qualifier:	None					
Header Row Delimiter:	{CR}{LF}					
Header Rows to Skip:	0					
Column Names in First Data Row:	Checked					
Connections						
Input Columns:			Output Columns:			
Column	Data Type	Length	Column	Data type	Length	
Time	Unicode string [DT_WSTR]	50	Time	Unicode string [DT_WSTR]	50	
Patient	Unicode string [DT_WSTR]	50	Patient	Unicode string [DT_WSTR]	50	
Doctor	Unicode string [DT_WSTR]	50	Doctor	Unicode string [DT_WSTR]	50	
Procedure	Unicode string [DT_WSTR]	50	Procedure	Unicode string [DT_WSTR]	50	
Charge	Unicode string [DT_WSTR]	50	Charge	Unicode string [DT_WSTR]	50	
Clinic	Unicode string [DT_WSTR]	50	Clinic	Unicode string [DT_WSTR]	50	

Script Component

***Note: The C# Script adds today's date in a variable with the already given time values.

Script Component Settings (Time to OutTime)							
Input(0):				Output(0):			
Column	Data Type	Length	Script (Added)	Output Columns	Data type	Length	Usage Type
Time	Unicode string [DT_WSTR]	50	<pre> public override void Input0_ProcessInputRow(Input0Buffer Row) { var Date = DateTime.Now.Date; if (!Row.Time_IsNull && !string.IsNullOrEmpty(Row.Time.Trim())) { Row.OutTime = DateTime.ParseExact(Row.Time.Trim(), new string[] {Date + "HH:mm", "H:mm" }, new System.Globalization.CultureInfo("En-US"), System.Globalization.DateTimeStyles. None); } else { Row.OutTime_IsNull = true; } } </pre>	OutTime	database timestamp [DT_DBTIMESTAMP]	(Replace Time)	
Patient	Unicode string [DT_WSTR]	50					
Doctor	Unicode string [DT_WSTR]	50					
Procedure	Unicode string [DT_WSTR]	50					
Charge	Unicode string [DT_WSTR]	50					
Clinic	Unicode string [DT_WSTR]	50					

4.Patient.Patient OLEDB Conn

***Input Settings:

Advanced

Name:	Time	Patient	Clinic	Doctor	Procedure	Charge
Column Delimiter:	Comma {,}	Comma {,}	Comma {,}	Comma {,}	Comma {,}	{CR}{LF}
Data Type:	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR	Unicode String DT_WSTR
OutPut Column Width:	50	50	50	50	50	50
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE

General

Connection Manager Name:	1&3.KirklandVisitsDerivedDTSourceFlatConn Kirkland Visits Derived Destination Date/Time ETL C:_BISolutions\Module08 The Final\Final\ClinicDailyData\Kirkland\ 20100102Visits.csv English (United States) Delimited None {CR}{LF} 0 Unchecked
Description:	
File Name:	
Locale:	
Format:	
Text Qualifier:	
Header Row Delimiter:	
Header Rows to Skip:	
Column Names in First Data Row:	

Connections

Input Columns:			Output Columns: OLTP DB	
Column	Data Type	Length	Column	Data type
OutTime	DT_DBTIMESTAMP	0	Date	database timestamp [DT_DBTIMESTAMP]
Patient	Unicode string [DT_WSTR]	50	Patient	four-byte signed integer [DT_I4]
Doctor	Unicode string [DT_WSTR]	50	Doctor	four-byte signed integer [DT_I4]
Procedure	Unicode string [DT_WSTR]	50	Procedure	four-byte signed integer [DT_I4]
Charge	Unicode string [DT_WSTR]	50	Charge	currency [DT_CY]
Clinic	Unicode string [DT_WSTR]	50	Clinic	four-byte signed integer [DT_I4]
<Ignore>	<Ignore>	<Ignore>	ID	No Mapping (Ignore)
Time	Unicode string [DT_WSTR]	50	<Ignore>	No Mapping (Ignore)