***Note: Bellevue Visits Source to Flat File Destination.

1&3.BellevueVisitsDerivedDTSourceFlatConn					
Advanced					
Name:	Time	Patient	Doctor	Procedure	Charge
Column Delimiter:	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
OutPut Column Width:	50	50	50	50	50
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE
General					
Connection Manager Name:	1&3.BellevueVisitsDerivedDTSourceFlatConn				
Description:	Connects to Bellevue Visits CSV Source on Flat Files.				
File Name:	C:_BISolutions\Module08 The Final\Final\ClinicDailyData\Bellevue\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

Derived Column Settings

Derived Column Settings (Time)								
Input Columns:					Output Columns: None			
Colu mn	Data Type	Leng th	Expression	Friendly Expression	Output Columns	Data type	Leng th	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",[G ETDATE]()),2) + #32	(DT_WSTR,4)DATEPART("yyyy", GETDATE()) + RIGHT("0" + (DT_WSTR,2)DATEPART("mm", GETDATE()),2) + RIGHT("0" + (DT_WSTR,2)DATEPART("dd",G ETDATE()),2) + Time	Time-Alias Derived (Replace)	Unicode string [DT_WSTR]	50	READW RITE

***Note: This writes to the Flat File Bellevue_VisitsDTMerged.csv

2.BellevueVisitsDerivedDTDestFlatConn						
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.BellevueVisitsDerivedDTDestFlatConn
Description:	Connects to Bellevue Visits CSV Destination on Flat Files.
File Name:	C:_BISolutions\Module08 The Final\Final\ClinicDailyData\Bellevue\Bellevue_VisitsDTMerged\Bellevue_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
<Ignore>			Clinic	Unicode string [DT_WSTR]	50

Bellevue Visits Connection Source

***Note: This set takes from this source and writes out to the Patient Database (OLTP).**

1&3_Bellevue Visits Flat File Source					
Advanced					
Name:	Time	Patient	Doctor	Procedure	Charge
Column Delimiter:	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
OutPut Column Width:	50	50	50	50	50
Text Qualified:	TRUE	TRUE	TRUE	TRUE	TRUE
General					
Connection Manager Name:	1&3.BellevueVisitsDerivedDTSourceFlatConn				
Description:	Connects to Bellevue Visits CSV Source on Flat Files.				
File Name:	C:_BISolutions\Module08 The Final\Final\ClinicDailyData\Bellevue\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

Derived Column Settings (Clinic)

***Note: There is no input column, Clinic is a derived column that will give a 0 for nothing.

Derived Column Settings (Clinic)								
Input Columns: None					Output Columns: Clinic			
Column	Data Type	Length	Expression	Friendly Expression	Output Columns	Data type	Length	Usage Type
NA	NA	NA	ISNULL(-1)	ISNULL(-1)	Clinic <Add AS New Column>	Boolean [DT_BOOL]		READWRITE

Derived Column (Time to OutTime)

***Note: Time is being replaced by OutTime. Variable Date is applied to the given time (OutTime).

Derived Column Settings (Time to OutTime)							
Input(0): Flat File Source				Output(0): OLTP DB			
Column	Data Type	Length	Script (Added)	Output Columns	Data type	Length	Usage Type

Time	Unicode string [DT_WSTR]	50	public override void Input0_ProcessInputRow(Input0Buffer Row)
			    {
			
			        var Date = DateTime.Now.Date;
			
			        if (!Row.Time_IsNull && !string.IsNullOrEmpty(Row.Time.Trim()))
				OutTime	database timestamp [DT_DBTIMESTAMP]		

Patient	Unicode string [DT_WSTR]	50	)				
Doctor	Unicode string [DT_WSTR]	50	{ Row.OutTime = DateTime.ParseExact(Row.Time.Trim(), new string[] {Date +				
Procedure	Unicode string [DT_WSTR]	50	"HH:mm",				
Charge	Unicode string [DT_WSTR]	50	"H:mm" }, new System.Globalization.CultureInfo("En-US"), System.Globalization.DateTimeStyles.None);				

Clinic	Unicode string [DT_WSTR]	50	}
			        else
			        {
			            Row.OutTime_IsNull = true;
			
			        }
			
			    }				

Destination Patient DB

4.Patient.Patient OLEDB Conn						
Advanced						
Name:	Time	Patient	Doctor	Procedure	Charge	Clinic
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.BellevueVisitsDerivedDTSourceFlatConn
Description:	Connects to Bellevue Visits CSV Source on Flat Files.
File Name:	C:_BISolutions\Module08 The Final\Final\ClinicDailyData\Bellevue\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:	Unchecked

Connections				
Input Columns:			Output Columns:	
Column	Data Type	Length	Column	Data type
Time	Unicode string [DT_WSTR]	50	Time	No Mapping (Ignore)
Patient	Unicode string [DT_WSTR]	50	Patient	four-byte unsigned integer [DT_UI4]
Doctor	Unicode string [DT_WSTR]	50	Doctor	four-byte unsigned integer [DT_UI4]
Procedure	Unicode string [DT_WSTR]	50	Procedure	four-byte unsigned integer [DT_UI4]
Charge	Unicode string [DT_WSTR]	50	Charge	currency [DT_CY]
OutTime	DT_DBTIMESTAMP	0	Date	database timestamp [DT_DBTIMESTAMP]
Clinic	DT_BOOL	0	Clinic	four-byte unsigned integer [DT_UI4]
<Ignore>	<Ignore>	<Ignore>	ID	No Mapping (Ignore)

/************** End of Bellevue Visits Connection Settings **************/

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

Derived Column

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		

Destination (Flat File)

***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

Flat File Source to OLEDB Database (OLTP)

***Note: This Set writes from a Flat File to the Patient Database.

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: Time to OutTime

***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	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;
			
			 }
			
			 }
				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

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:	Kirkland Visits Derived Destination Date/Time ETL
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:	Unchecked

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)

1&3.Redmond VisitsDerivedDTSourceFlatConn					
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.RedmondVisitsDerivedDTSourceFlatConn
Description:	Connects to Redmond Visits CSV Source on Flat Files.
File Name:	C:_BISolutions\Module08 The Final\Final\ClinicDailyData\Redmond\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

Derived Column (Time to Replace Time)

Script adds the time together with today's Date.

***Note: Derived Input Column Time is being replaced by OutTime.

Derived Column Settings									
Input Columns: Time						Output Columns: None			
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",[G ETDATE]()),2) + #32	(DT_WSTR,4)DATEPART("yyyy", GETDATE()) + RIGHT("0" + (DT_WSTR,2)DATEPART("mm", GETDATE()),2) + RIGHT("0" + (DT_WSTR,2)DATEPART("dd",G ETDATE()),2) + Time	Time Time-Alias Derived (Replace)	Unicode string [DT_WSTR]	50	READW RITE	

Destination Flat File (Redmond_VisitsMerged.csv)

2.RedmondVisitsDerivedDTDestFlatConn						
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.RedmondVisitsDerivedDestFlatConn					
Description:	Redmond Visits Derived Destination Date/Time ETL (Flat File to Flat File)					
File Name:	C:_BISolutions\Module08 The Final\Final\ClinicDailyData\Redmond\Redmond_VisitsDTMerged\Redmond_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

Flat File Source Connection to OLEDB Database

***Note: Our final output will go into a OLEDB Database Connection (Patient.Visits).

1&3.Redmond VisitsDerivedDTSourceFlatConn						
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.RedmondVisitsDerivedDTSourceFlatConn					
Description:	Connects to Redmond Visits CSV Source on Flat Files.					
File Name:	C:_BISolutions\Module08 The Final\Final\ClinicDailyData\Redmond\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 (Time to OutTime)

***Note: Variable Date is DateTime.Now.Date, Today's date added to the current time.

Script Component Column Settings (Time to OutTime)							
Input(0):				Output(0): OutTime			
Column	Data Type	Length	Script (Added)	Output Columns	Data type	Length	Usage Type

Time	Unicode string [DT_WSTR]	50	public override void Input0_ProcessInputRow(Input0Buffer Row) {
			
			 var Date = DateTime.Now.Date;
			
			 if (!Row.Time_IsNull && !string.IsNullOrEmpty(Row.Time.Trim()))
				OutTime	database timestamp [DT_DBTIMESTAMP]		

Patient	Unicode string [DT_WSTR]	50	) {				
Doctor	Unicode string [DT_WSTR]	50	Row.OutTime = DateTime.ParseExact(Row.Time.Trim(), new string[] {Date +				
Procedure	Unicode string [DT_WSTR]	50	"HH:mm", "H:mm"				
Charge	Unicode string [DT_WSTR]	50	}, new System.Globalization.CultureInfo("En-US"), System.Globalization.DateTimeStyles.None);				
Clinic	Unicode string [DT_WSTR]	50	} else { Row.OutTime_IsNull = true; } }				

4.Patient.Patient OLEDB Conn (Redmond)					
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:	4.Patient.Patient OLEDB Conn
Description:	20100102Visits.csv to Patient (Visits) Database (OLTP)
File Name:	C:_BISolutions\Module08 The Final\Final\ClinicDailyData\Redmond\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:	Unchecked

Connections				
Input Columns:			Output Columns:	
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)