

Michael Alfes' Job Search 2016-2017

With SQL Server 2014 and Visual Studio 2013

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SQL Server DB “Job Application Log” Design

The screenshot displays the Microsoft SQL Server Management Studio (Administrator) interface. The main window shows the 'MIA-SQLJobApplicationLog - dbo.JobApplications' table design. The table structure is as follows:

Column Name	Data Type	Allow Nulls
ID	int	<input type="checkbox"/>
EmployerName	nvarchar(255)	<input type="checkbox"/>
PositionTitle	nvarchar(255)	<input type="checkbox"/>
DateApplied	datetime	<input checked="" type="checkbox"/>
DateResponse	datetime	<input checked="" type="checkbox"/>
DateInterview	datetime	<input checked="" type="checkbox"/>
FurtherDevelopment	nvarchar(255)	<input checked="" type="checkbox"/>

The 'Object Explorer' on the left shows the database structure, including 'Databases', 'System Databases', 'Database Snapshots', 'AdventureWorks', 'AdventureWorks2012', 'AdventureWorksDW', 'AdventureWorksDW2014', 'AWDataWarehouse', 'JobApplicationLog', 'Database Diagrams', 'Tables', 'System Tables', 'FileTables', 'dbo.BlackList', 'dbo.Employers', 'dbo.JobApplications', 'Columns', 'Keys', 'Constraints', 'Triggers', 'Indexes', and 'Statistics'.

The 'Properties' pane on the right shows the table properties for '[Tbl] dbo.JobApplications'. The 'Table Designer' tab is active, showing the 'ID' column as the primary key. The 'Table Designer' tab also shows the 'General' properties of the table, including the 'Name' (JobApplications), 'Database Name' (JobApplicationLog), 'Description', 'Schema' (dbo), 'Server Name' (mia-sql), 'Identity Column' (ID), 'Indexable' (Yes), 'Lock Escalation' (Table), 'Regular Data Space' (PRIMARY), 'Replicated' (No), 'Row GUID Column' (No), and 'Text/Image Filegroup' (PRIMARY).

The 'Column Properties' pane at the bottom shows the properties for the 'ID' column, including the 'Name' (ID), 'Allow Nulls' (No), 'Data Type' (int), and 'Default Value or Binding'.

Show After-Interview Rejection Feedback with Longest Waiting

The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The title bar indicates the active query is 'qryAfterInterviewWaiting.sql' in the 'MIA-SQLJobApplicationLog' database. The Object Explorer on the left shows the database structure, including tables like 'dbo.JobApplications'. The central query editor contains a T-SQL query that selects job application details, including the waiting time calculated as the absolute difference between the interview and response dates. The query is ordered by this waiting time in descending order. The Results pane at the bottom shows the first 10 rows of the query output, with columns for EmployerName, Position Title, Date_Interview, Date_Response, and Interview_Wait_Days. A status bar at the bottom confirms the query executed successfully, returning 30 rows. The Properties pane on the right shows connection details for the 'MIA-SQL' connection.

```
USE JobApplicationLog
GO

----- JobApplications Interview Outcome Waiting Time
SELECT [EmployerName], [PositionTitle],
--- FORMAT([DateApplied], 'd', 'en-US') as Date_Applied,
--- FORMAT([DateInterview], 'd', 'en-US') as Date_Interview,
--- FORMAT([DateResponse], 'd', 'en-US') as Date_Response,
ABS(DATEDIFF(day, [DateInterview], [DateResponse])) AS Interview_Wait_Days
FROM [dbo].[JobApplications]
WHERE [DateInterview] > 0 AND [DateResponse] > [DateInterview]
ORDER BY ABS(DATEDIFF(day, [DateInterview], [DateResponse])) DESC, [DateApplied]
```

	EmployerName	Position Title	Date_Interview	Date_Response	Interview_Wait_Days
1	State of Arizona	AZ DES - BUSINESS ANALYST(Job Id 25166)	10/24/2016	1/18/2017	86
2	Maricopa County	Programmer Analyst Report Writer	9/13/2016	11/30/2016	78
3	Centene Corp	Data Analyst I - 0085I	10/7/2016	12/19/2016	73
4	Nationwide	Sr Business Info Analyst Job ID 40576	9/23/2016	11/9/2016	47
5	State of Arizona	AZ DES SR BUSINESS ANALYST Job ID 24217	8/30/2016	9/28/2016	29
6	City of Phoenix	Public Information Technology Analyst I (IT Analyst/Programmer ...	11/29/2016	12/28/2016	29
7	Freeport-McMoRan Copper & Gold	IT Security Analyst III 1501963	5/11/2016	6/8/2016	28
8	Chicanos Por La Causa	Software Developer (FT) Phoenix #2016-214 - not hired	8/31/2016	9/27/2016	27
9	Edward Jones	Sr Programmer Analyst Job ID 115268R	10/21/2016	11/14/2016	24
10	CVS Health	Operational Data Analyst 509190BR - per In-House Recruiter	11/14/2016	12/8/2016	24

Query executed successfully. | MIA-SQL (12.0 RTM) | MIA-SQL\Michael (58) | JobApplicationLog | 00:00:00 | 30 rows

Online Job Applications Rejected in Nano-Seconds

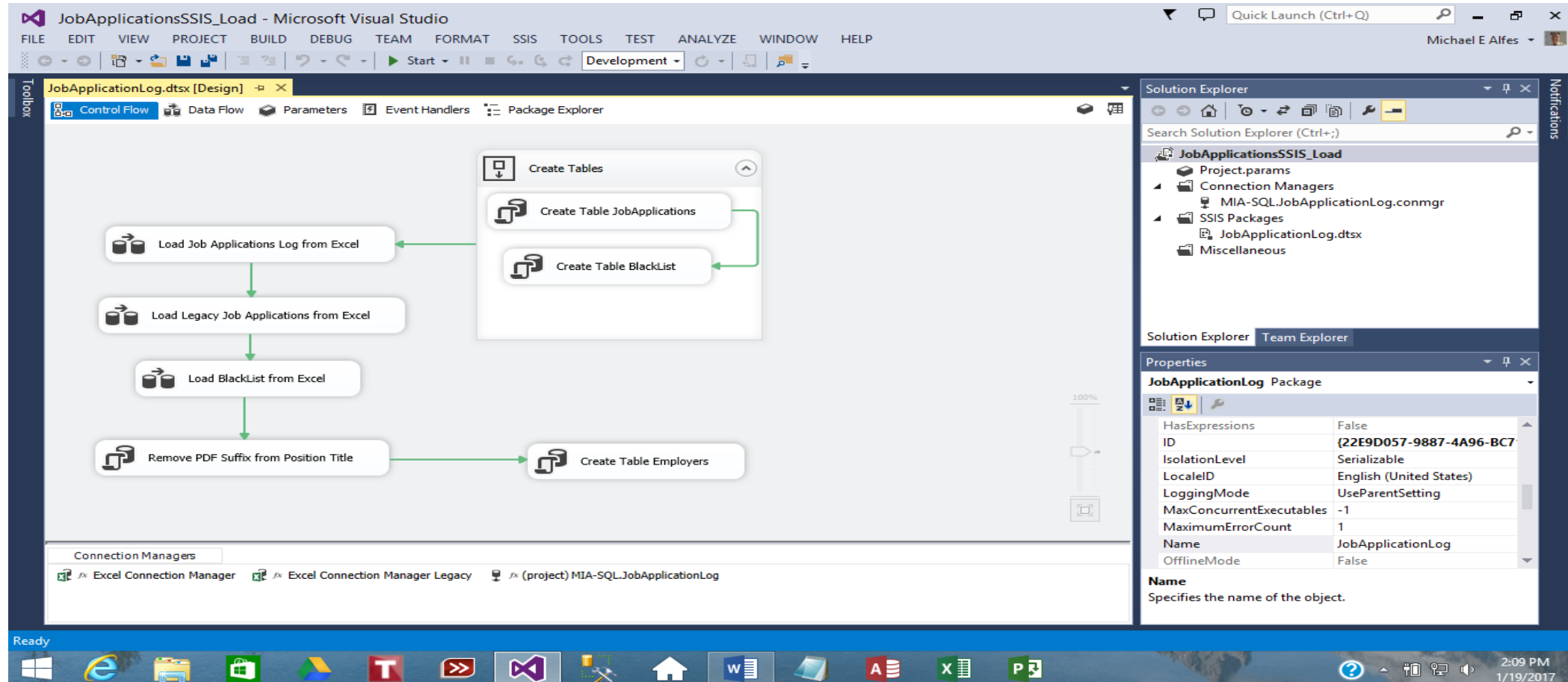
The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The title bar indicates the active query is 'qryFastRejection.sql' in the 'MIA-SQLJobApplicationLog' database. The Object Explorer on the left shows the database structure, including tables like 'dbo.BlackList', 'dbo.Employers', and 'dbo.JobApplications'. The central query editor shows a T-SQL query designed to identify job applications that were automatically rejected within nanoseconds. The query filters for records where the response time is greater than zero, the interview date is null, and the application was rejected within two days of being applied for. The results pane at the bottom shows 27 rows of data, with columns for EmployerName, PositionTitle, Date_Applied, Date_Response, and Date_Interview. The status bar at the bottom confirms the query was executed successfully, returning 27 rows in 00:00:00 seconds.

```
USE JobApplicationLog
GO
-----Show Job Applications automatically rejected with nanoseconds
----- or at least the next day
SELECT [EmployerName], [PositionTitle],
FORMAT([DateApplied], 'd', 'en-US') as Date_Applied,
FORMAT([DateResponse], 'd', 'en-US') as Date_Response,
ISNULL(CONVERT(VARCHAR(30), [DateInterview], 121), '') as Date_Interview
FROM [dbo].[JobApplications]
WHERE [DateResponse] > 0 AND [DateInterview] IS NULL AND
ABS(DATEDIFF(day, [DateResponse], [DateApplied])) < 2
AND [PositionTitle] NOT LIKE ('%Contact%')
ORDER BY [DateApplied]
```

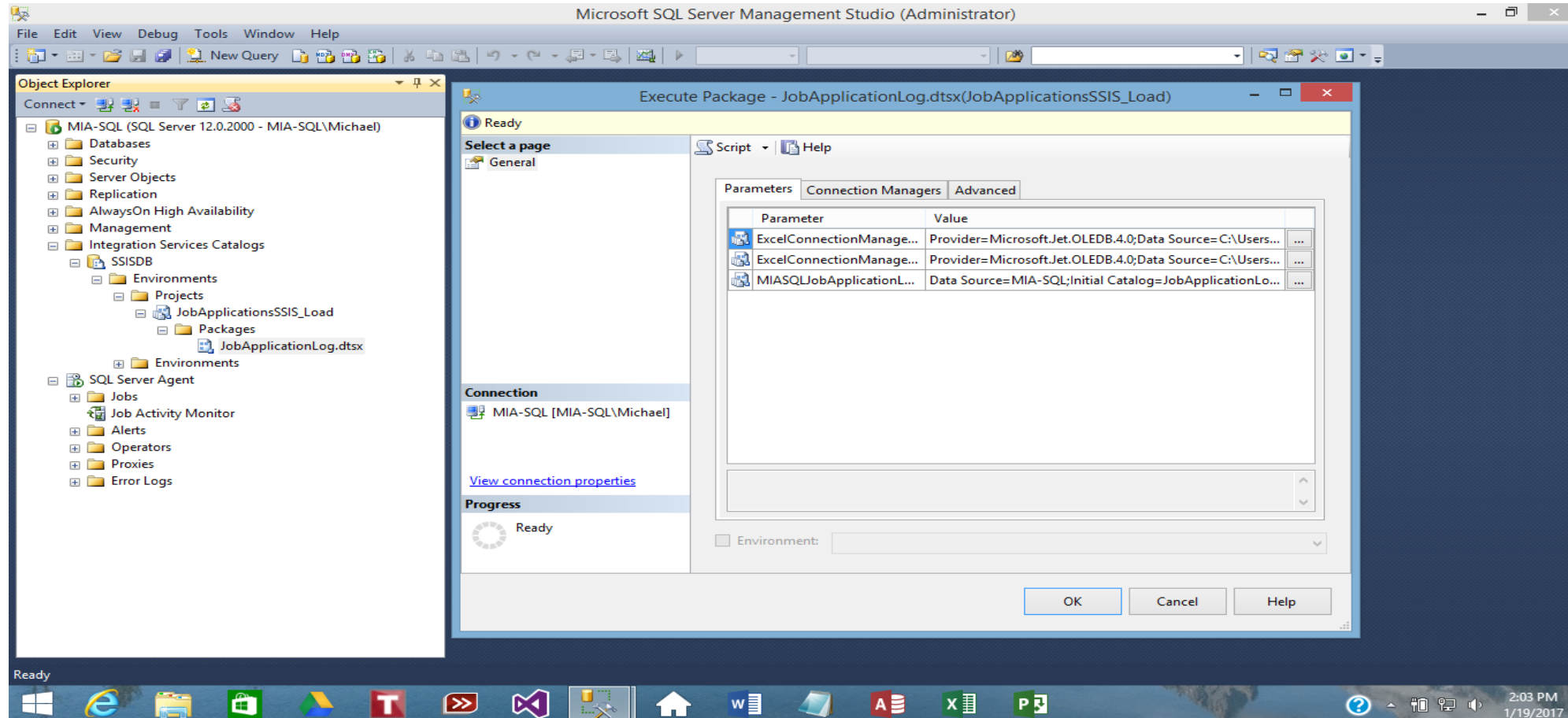
	EmployerName	PositionTitle	Date_Applied	Date_Response	Date_Interview
1	Desert Schools	IT DEVELOPMENT Web Applications Developer III SC...	6/19/2016	6/20/2016	
2	BBVA Compass Bank	Business Banking Officer II	6/26/2016	6/26/2016	
3	McKesson	HR Specialist - (16002676)	7/20/2016	7/20/2016	
4	Northern Trust	Analyst Reconciliation and Control Hedge Fund Service...	7/27/2016	7/27/2016	
5	Datalink Software Consultants	Data Analyst	7/31/2016	8/1/2016	
6	Amtec Inc	Data Analyst Associate (Healthcare)	8/8/2016	8/8/2016	
7	United Health Group	IT Database Analyst - US Telecommute - 664919	8/10/2016	8/10/2016	
8	Edward Jones	Equity Investment Service Specialist II Job ID 11510BR	8/20/2016	8/21/2016	
9	Zions Bancorp	Senior Credit Analyst Job ID 033117	8/22/2016	8/23/2016	
10	Heat Software	Associate Software Engineer	8/24/2016	8/25/2016	
11	ICE	Data Analyst DAN002	8/28/2016	8/29/2016	
12	Northern Trust	Analyst Investment Support Services - (60085)	8/31/2016	9/1/2016	
13	Wells Fargo	Operational Risk Consultant 4 Job ID 5270712-1 - Rejec...	9/4/2016	9/4/2016	
14	Midfirst Bank	Financial Analyst Job ID 9081	9/5/2016	9/6/2016	

Query executed successfully. | MIA-SQL (12.0 RTM) | MIA-SQL\Michael (55) | JobApplicationLog | 00:00:00 | 27 rows

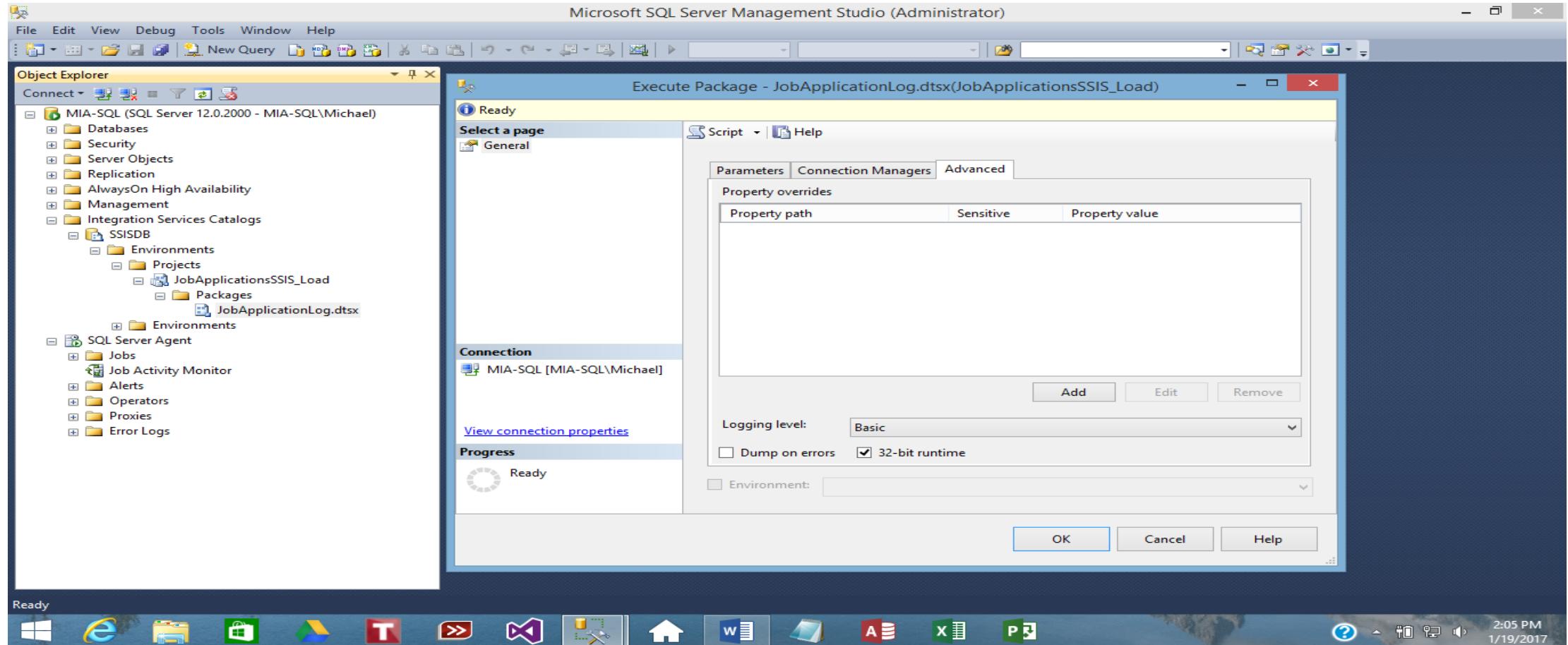
SSIS Package (Load Access/Excel Data to SQL Database) originally designed with Visual Studio



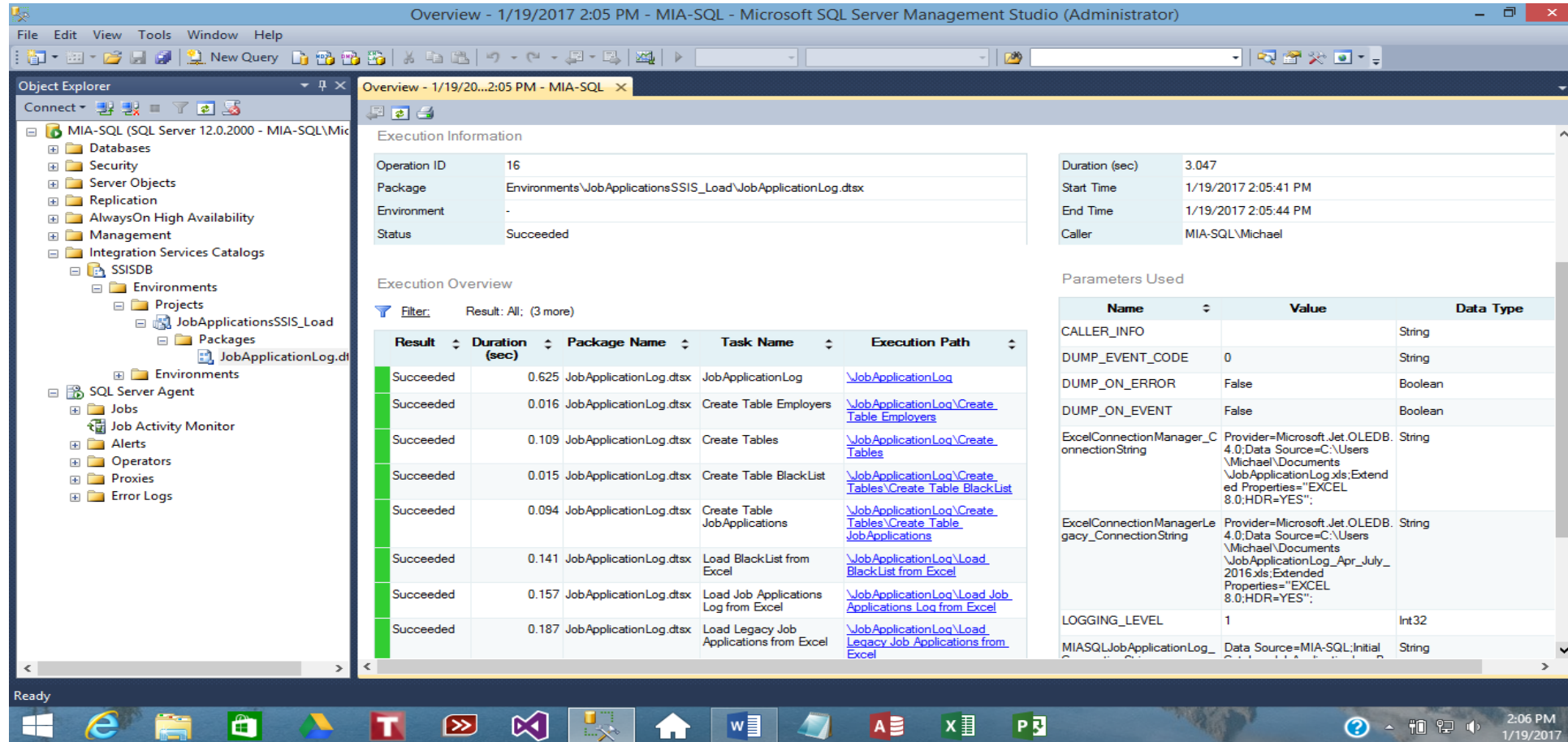
The same SSIS Package deployed to SQL Server Management Studio



“32bit Runtime” option should be checked before SSIS package execution



SSIS Package: after execution report



Overview - 1/19/2017 2:05 PM - MIA-SQL - Microsoft SQL Server Management Studio (Administrator)

Object Explorer

- MIA-SQL (SQL Server 12.0.2000 - MIA-SQL\Mic
- Databases
- Security
- Server Objects
- Replication
- AlwaysOn High Availability
- Management
- Integration Services Catalogs
- SSISDB
- Environments
 - Projects
 - JobApplicationsSSIS_Load
 - Packages
 - JobApplicationLog.d
 - Environments
 - SQL Server Agent
 - Jobs
 - Job Activity Monitor
 - Alerts
 - Operators
 - Proxies
 - Error Logs

Execution Information

Operation ID	16
Package	Environments\JobApplicationsSSIS_Load\JobApplicationLog.dtsx
Environment	-
Status	Succeeded

Execution Overview

Filter: Result: All; (3 more)

Result	Duration (sec)	Package Name	Task Name	Execution Path
Succeeded	0.625	JobApplicationLog.dtsx	JobApplicationLog	\JobApplicationLog
Succeeded	0.016	JobApplicationLog.dtsx	Create Table Employers	\JobApplicationLog\Create Table Employers
Succeeded	0.109	JobApplicationLog.dtsx	Create Tables	\JobApplicationLog\Create Tables
Succeeded	0.015	JobApplicationLog.dtsx	Create Table BlackList	\JobApplicationLog\Create Tables\Create Table BlackList
Succeeded	0.094	JobApplicationLog.dtsx	Create Table JobApplications	\JobApplicationLog\Create Tables\Create Table JobApplications
Succeeded	0.141	JobApplicationLog.dtsx	Load BlackList from Excel	\JobApplicationLog\Load BlackList from Excel
Succeeded	0.157	JobApplicationLog.dtsx	Load Job Applications Log from Excel	\JobApplicationLog\Load Job Applications Log from Excel
Succeeded	0.187	JobApplicationLog.dtsx	Load Legacy Job Applications from Excel	\JobApplicationLog\Load Legacy Job Applications from Excel

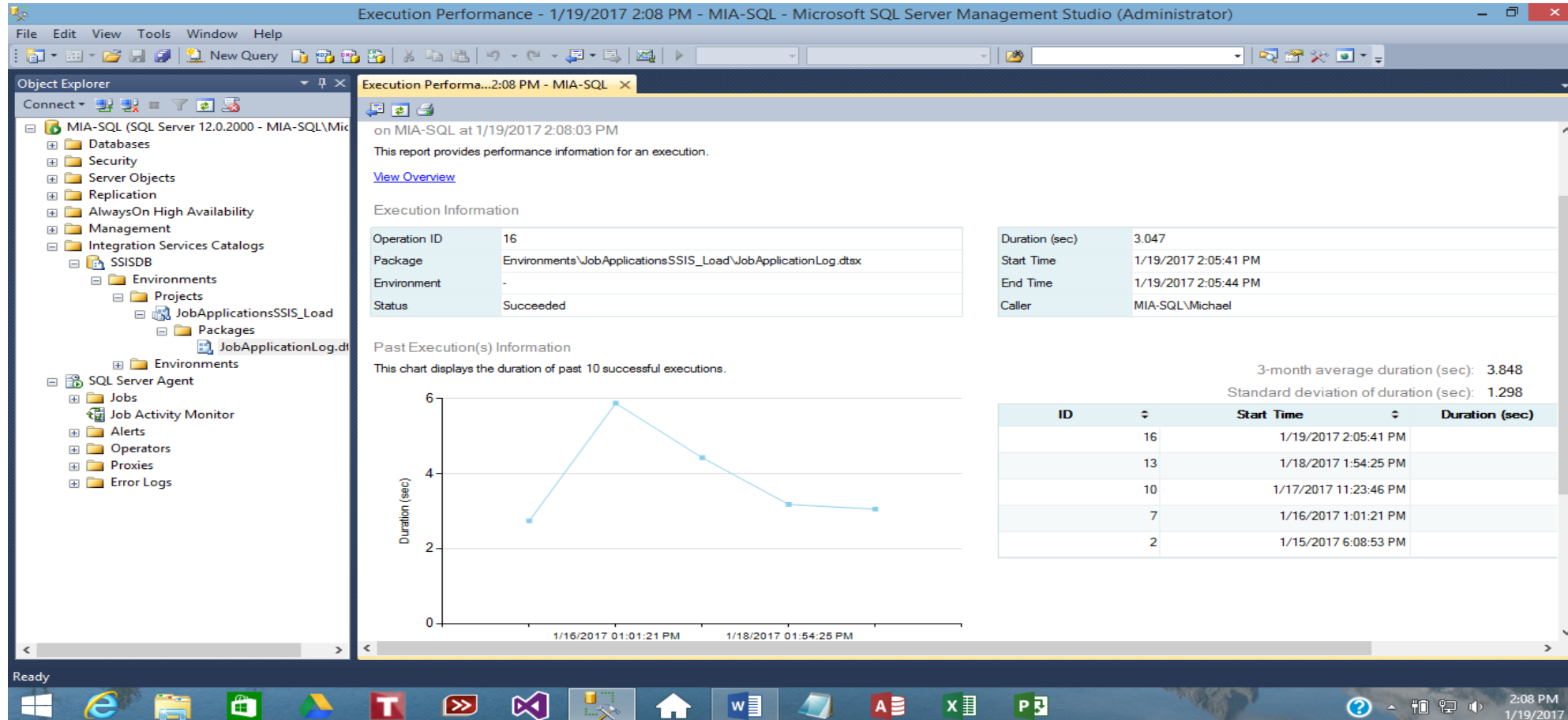
Parameters Used

Name	Value	Data Type
CALLER_INFO		String
DUMP_EVENT_CODE	0	String
DUMP_ON_ERROR	False	Boolean
DUMP_ON_EVENT	False	Boolean
ExcelConnectionManager_ConnectionString	Provider=Microsoft.Jet.OLEDB.4.0;Data Source=C:\Users\Michael\Documents\JobApplicationLog.xls;Extended Properties="EXCEL 8.0;HDR=YES";	String
ExcelConnectionManagerLegacy_ConnectionString	Provider=Microsoft.Jet.OLEDB.4.0;Data Source=C:\Users\Michael\Documents\JobApplicationLog_Apr_July_2016.xls;Extended Properties="EXCEL 8.0;HDR=YES";	String
LOGGING_LEVEL	1	Int32
MIASQLJobApplicationLog_	Data Source=MIA-SQL;Initial	String

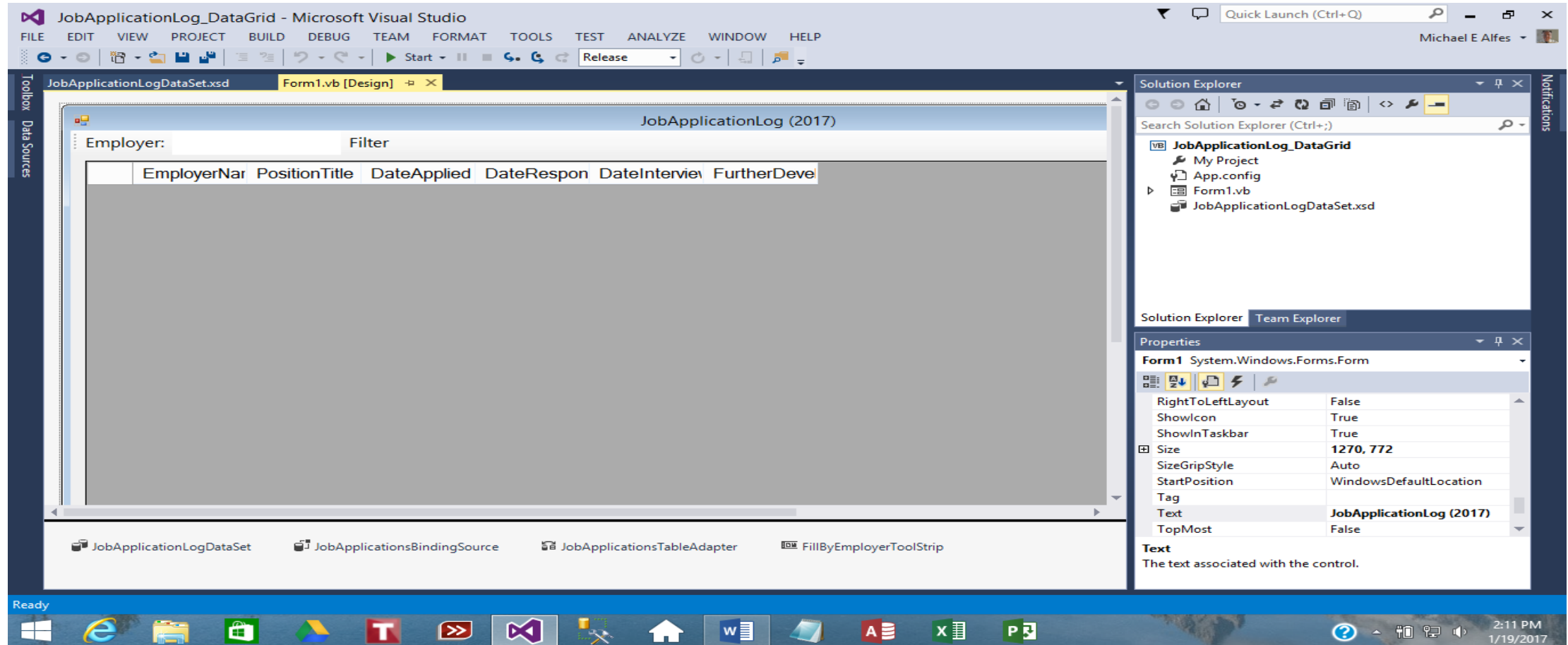
Ready

2:06 PM 1/19/2017

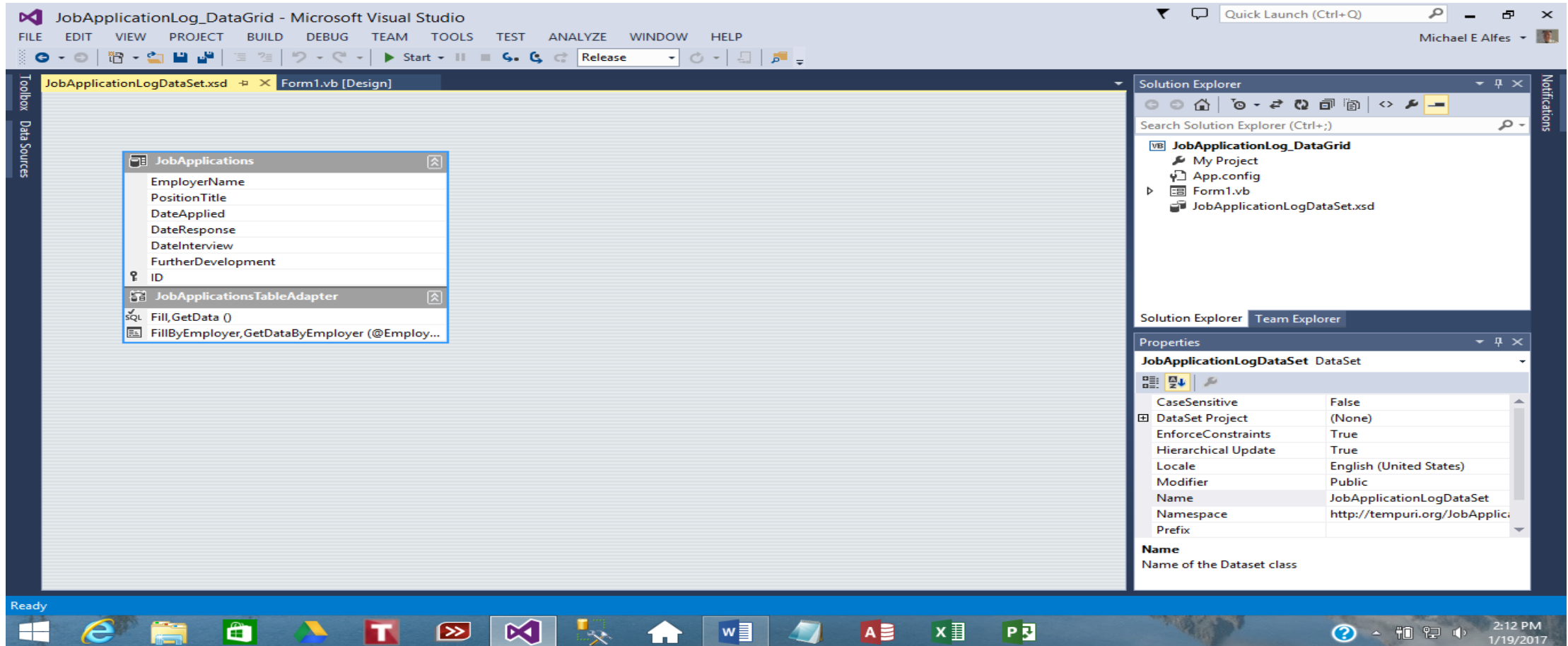
SSIS Package: Execution performance chart.



Visual Basic (VB) Windows Desktop App with DataGridView Control



VB DataGridView Control reading data from SQL Server Database



Checking my Job Search status with some specified Employers

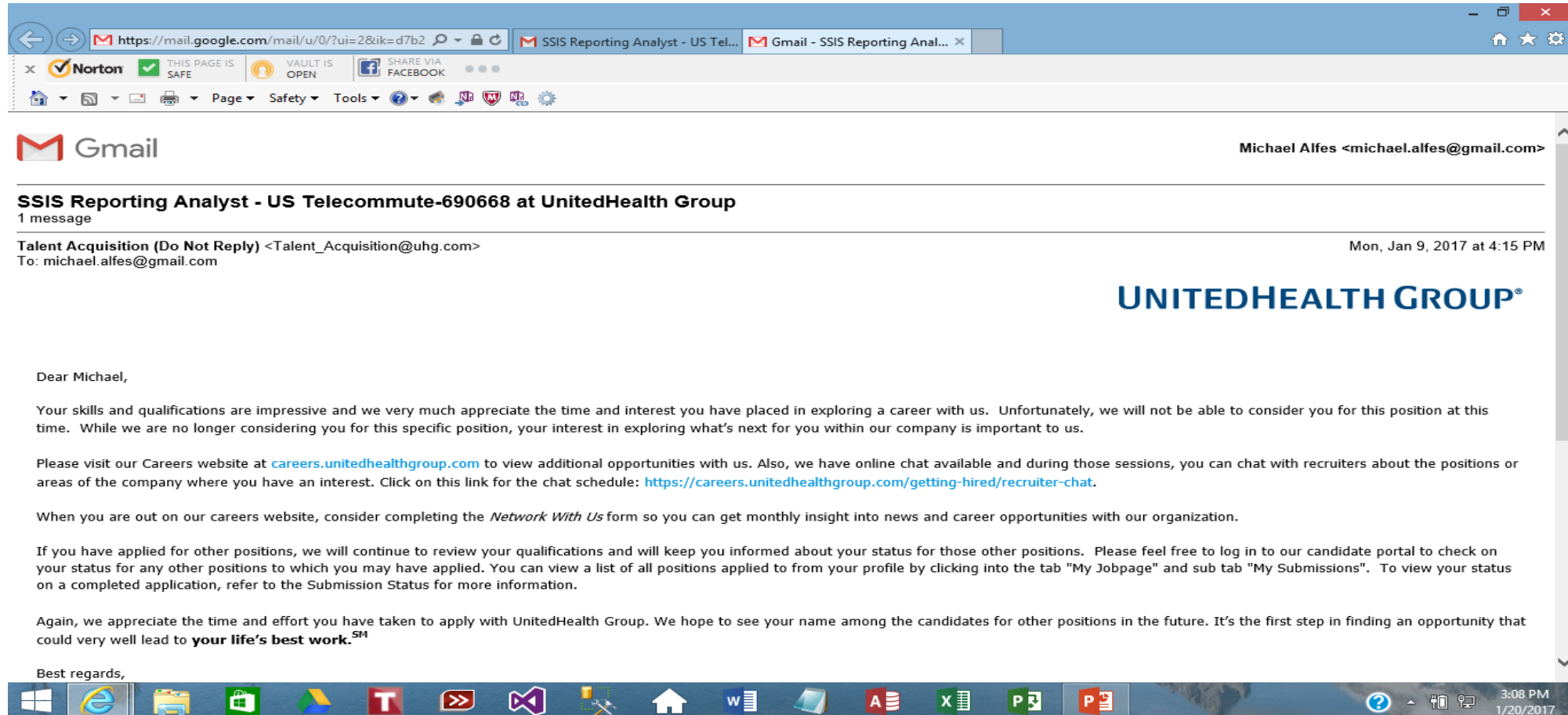
JobApplicationLog (2017)

Employer: united Filter Total Records:33

EmployerName	PositionTitle	DateApplied	DateRespon	DateInterview	FurtherDeve
United Health Group	Data Quality - Data Governance Analyst - 690273	1/13/2017	1/17/2017		Rejected
United Health Group	SSIS Reporting Analyst - 690668	1/8/2017	1/18/2017		Rejected
United Health Group	Senior Report Analyst - 682523	1/5/2017			Under Con...
United Health Group	SQL Database Developer - 692211	12/22/2016	12/27/2016		Rejected
United Health Group	Senior Business Analyst - 688708	12/8/2016	12/16/2016		Rejected
United Health Group	Senior Reporting Analyst - 689079	12/8/2016	1/3/2017	12/22/2016	Filled
United Health Group	Senior Reporting Analyst - 681741	12/8/2016	12/19/2016		Rejection
United Health Group	Sr Data Reporting Analyst - 667964	10/5/2016	10/10/2016		Rejected
United Health Group	PFS Reconciliation Analyst - 674463	10/2/2016	10/6/2016		Rejected
United Health Group	Recovery Resolutions Analyst - Telecommute - 679994	9/25/2016	9/30/2016		Rejected
United Health Group	Senior Claims Developer-Analyst-Telecommute-678549	9/22/2016	10/24/2016		Rejected
United Health Group	SQL Data Analyst - Telecommute - 676639	9/17/2016	9/26/2016		Rejected
United Health Group	IT Systems Analysis Consultant - 677332	9/11/2016	9/21/2016		Rejected
United Health Group	Associate Business Analyst - UHG Benefit Operations - 675807	9/4/2016	11/2/2016		Canceled
United Health Group	Revenue Cycle Senior Analyst - 674815	8/27/2016	9/1/2016		Rejected
United Health Group	IT Systems Analyst II - 671466	8/19/2016	9/20/2016		Cancelled
United Health Group	Senior Recovery Resolutions Analyst - Telecommute - 672090	8/19/2016	9/7/2016		Rejected
United Health Group	Healthcare Economics Consultant Analyst - 645554	8/19/2016	8/25/2016		Rejected
United Health Group	Senior Report Analyst - 658244	8/14/2016	8/21/2016		Rejected
United Health Group	Database Developer / Data Analyst - 666571	8/14/2016	8/19/2016		Rejected
United Health Group	Senior Healthcare Econ Analyst - 673398	8/11/2016	8/22/2016		Rejected
United Health Group	IT Database Analyst - US Telecommute - 664919	8/10/2016	8/10/2016		Rejected o...
United Health Group	Senior Reporting Analyst - 656718	8/7/2016	8/11/2016		Rejected o...
United Health Group	Reinsurance Analyst - 671604	8/5/2016	8/8/2016		Rejection
United Health Group	Senior Claims Developer - Analyst - 648250	8/5/2016	8/10/2016		Rejection
United Health Group	Senior Billing Representative 661895	7/17/2016	7/25/2016		
United Health Group	Workforce Reporting Analyst 656716	7/4/2016	7/18/2016		
United Health Group	IT Business Consultant 658248	7/4/2016	7/26/2016		
United Health Group	Senior Business Process Analyst 661612	7/2/2016	7/25/2016	8/3/2016	

2:13 PM 1/19/2017

Typical Response to my Job Application



Design SSRS Report with Visual Studio

JobApplicationsSSRS_Report - Microsoft Visual Studio

FILE EDIT VIEW PROJECT BUILD DEBUG TEAM TOOLS TEST ANALYZE WINDOW HELP

Quick Launch (Ctrl+Q)

Michael E Alfes

Report Data

New Edit... X Up Down

- Built-in Fields
 - Parameters
 - Images
- Data Sources
 - JobApplicationLog
- Datasets
 - JobApplicationsLog
 - EmployerName
 - PositionTitle
 - DateApplied
 - DateResponse
 - DateInterview
 - FurtherDevelopment

JobApplicationsLog.rdl [Design]

Design Preview

Employer	Position Title	Date Applied	Date	Date Interview
[EmployerName]	[PositionTitle]	[DateApplied]	[DateResponse]	[DateInterview]

Row Groups

- EmployerName
 - (Details)

Column Groups

Solution Explorer

Search Solution Explorer (Ctrl+;)

- JobApplicationsSSRS_Report
 - Shared Data Sources
 - JobApplicationLog.rds
 - Shared Datasets
 - Reports
 - JobApplicationsLog.rdl

Properties

Report

- Assemblies
- Author
- AutoRefresh
- BackgroundColor
- BackgroundImage
- BorderColor
- BorderStyle
- BorderWidth
- Classes

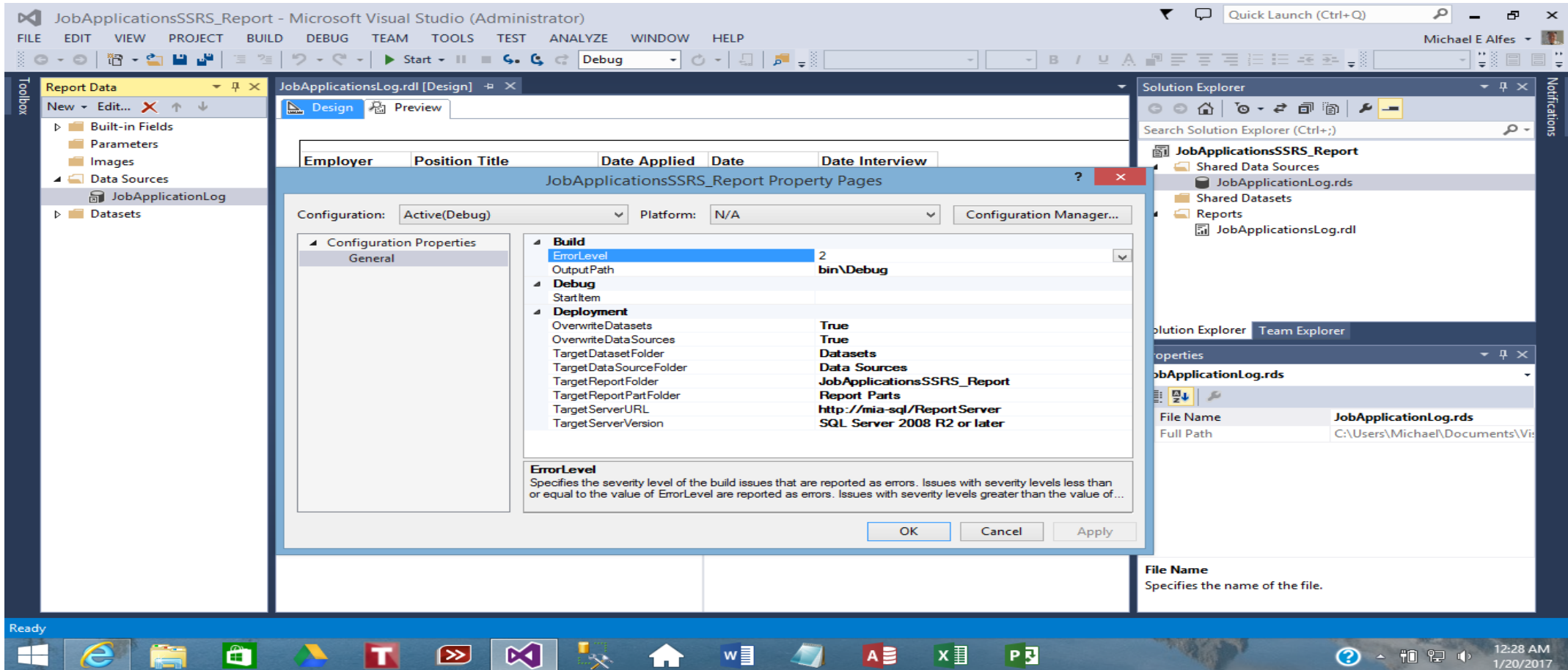
Assemblies

Specifies the assemblies that the report references.

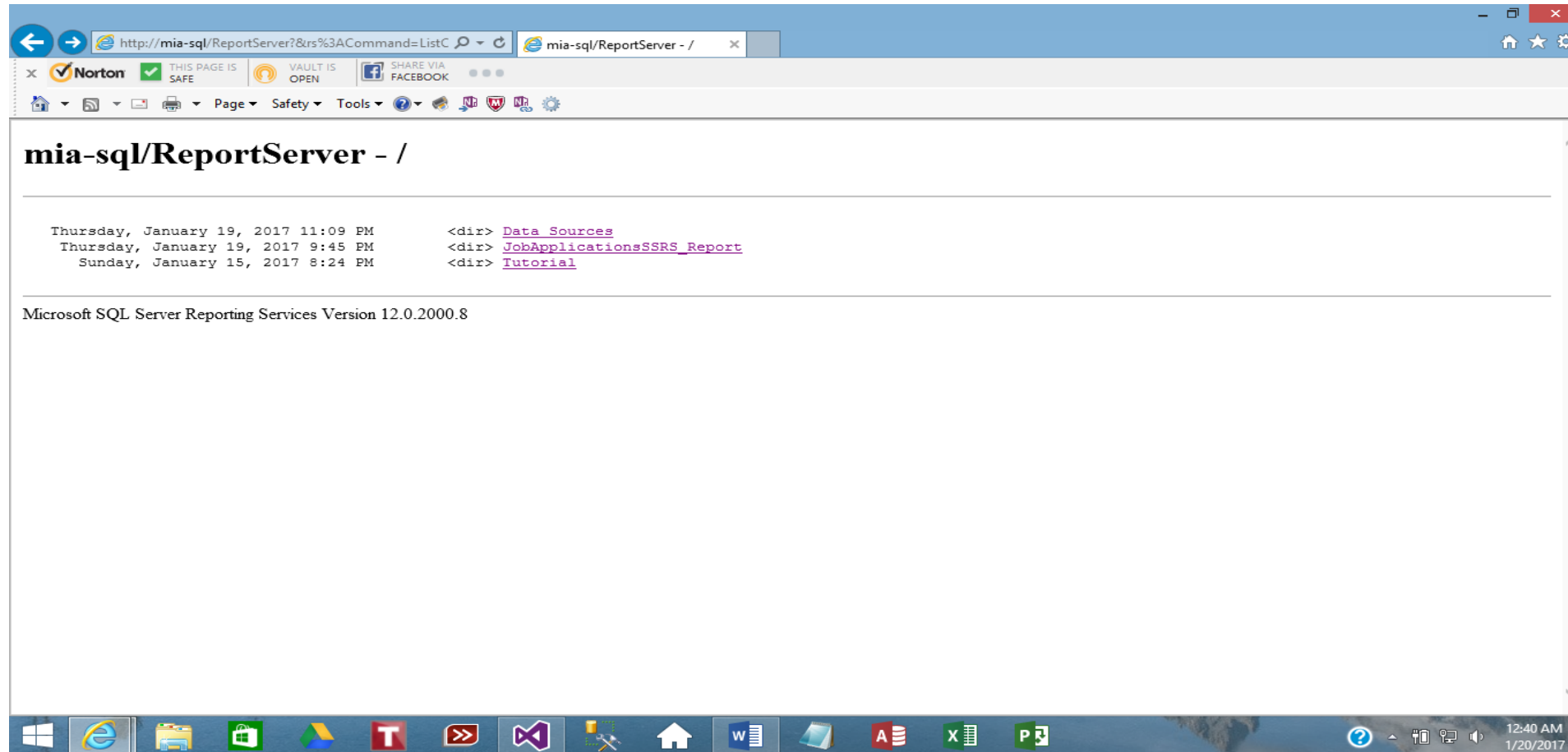
Ready

3:11 PM 1/20/2017

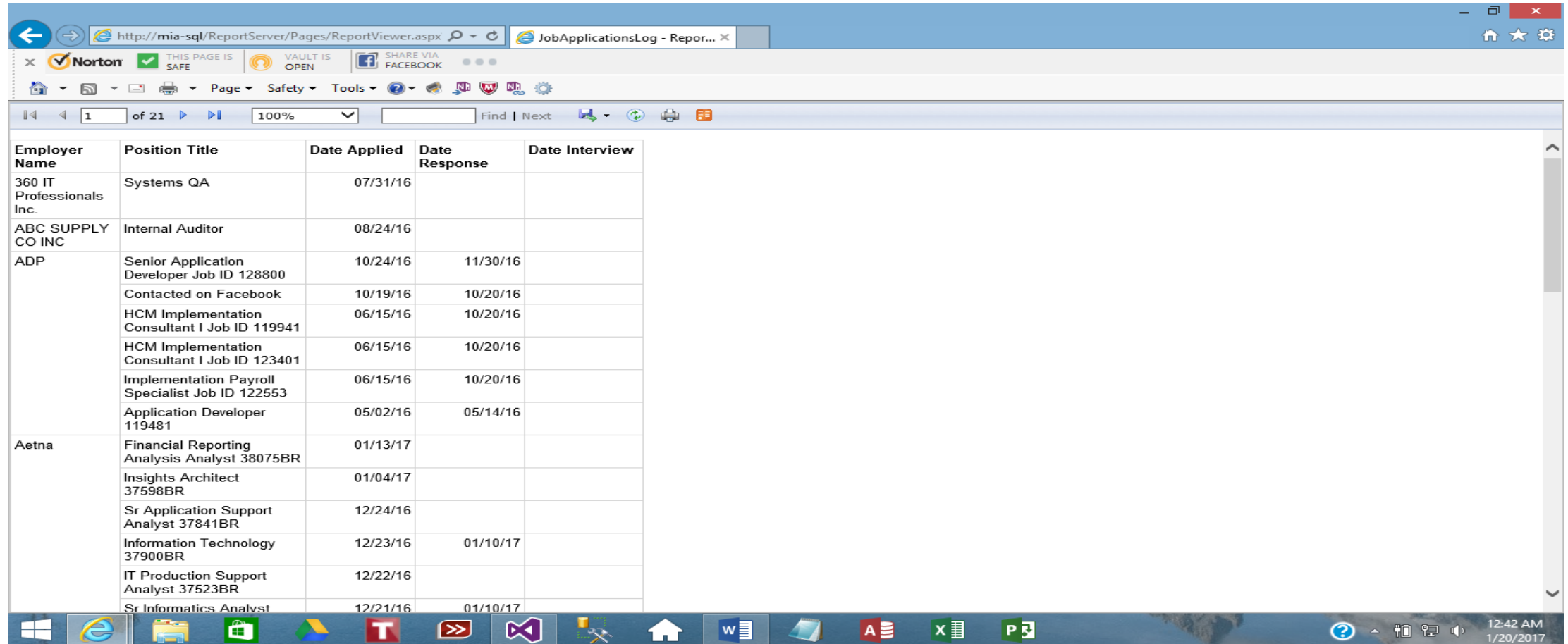
Deployment SSRS Report on the local server



Running SSRS Report on the local server



Viewing SSRS Report on the local server



1 of 21 100% Find | Next

Employer Name	Position Title	Date Applied	Date Response	Date Interview
360 IT Professionals Inc.	Systems QA	07/31/16		
ABC SUPPLY CO INC	Internal Auditor	08/24/16		
ADP	Senior Application Developer Job ID 128800	10/24/16	11/30/16	
	Contacted on Facebook	10/19/16	10/20/16	
	HCM Implementation Consultant I Job ID 119941	06/15/16	10/20/16	
	HCM Implementation Consultant I Job ID 123401	06/15/16	10/20/16	
	Implementation Payroll Specialist Job ID 122553	06/15/16	10/20/16	
	Application Developer 119481	05/02/16	05/14/16	
Aetna	Financial Reporting Analysis Analyst 38075BR	01/13/17		
	Insights Architect 37598BR	01/04/17		
	Sr Application Support Analyst 37841BR	12/24/16		
	Information Technology 37900BR	12/23/16	01/10/17	
	IT Production Support Analyst 37523BR	12/22/16		
	Sr Informatics Analyst	12/21/16	01/10/17	

Viewing SSRS Report on the local server with Page Header

The screenshot shows a web browser window with the address bar displaying `http://mia-sql/ReportServer/Pages/ReportViewer.aspx`. The browser's address bar also shows the report title `JobApplicationsLog - Repor...`. The browser's toolbar includes a search bar, a 'Find' button, and a 'Next' button. The report content is displayed in a table format with the following data:

Employer Name	Position Title	Date Applied	Date Response	Date Interview
360 IT Professionals Inc.	Systems QA	07/31/16		
ABC SUPPLY CO INC	Internal Auditor	08/24/16		
ADP	Senior Application Developer Job ID 128800	10/24/16	11/30/16	
	Contacted on Facebook	10/19/16	10/20/16	
	HCM Implementation Consultant I Job ID 119941	06/15/16	10/20/16	
	HCM Implementation Consultant I Job ID 123401	06/15/16	10/20/16	
	Implementation Payroll Specialist Job ID 122553	06/15/16	10/20/16	
	Application Developer 119481	05/02/16	05/14/16	
Aetna	Financial Reporting Analysis Analyst 38075BR	01/13/17		
	Insights Architect 37598BR	01/04/17		
	Sr Application Support Analyst 37841BR	12/24/16	01/20/17	

Viewing SSRS Report on the local server with Page Footer and Pages Numbering

The screenshot shows a web browser displaying an SSRS report. The browser's address bar shows the URL `http://mia-sql/ReportServer/Pages/ReportViewer.aspx`. The report title is "JobApplicationsLog - Repor...". The report content is a table with 5 columns. The first column contains job titles and company names. The second and third columns contain dates. The fourth and fifth columns are empty. The table is paginated, showing page 8 of 21. The page footer displays "Page 8 of 21".

	APPLICATION SUPPORT SPECIALIST Job ID 2016-16920	09/13/16	09/23/16	
	Application Support Specialist LinkedIn	08/29/16		
	Supply Chain Analyst Job ID 2016-16303	08/16/16		
	Business Intelligence Developer Job ID 2016-16763	08/11/16	08/15/16	
	Sr Business Analyst 2016-16304	07/21/16		
	Sr Business Analyst Job ID 2016-15909	06/15/16		
	FP&A Analyst-(Financial Planning and Analysis) Job ID 2016-15160	05/15/16		
Dunn and Bradstreet	DNB Product Talent Community (3179)	06/22/16		
	DNB Inside Sales April 2016- Austin - Job ID 3406	06/21/16		
	DNB Place Holder - Credit Advisor Job ID 3357	06/21/16		
	DNB SR HR Generalist - Tempe - Job ID 3523	06/21/16		

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Thank you for view our presentation

With SQL Server 2014 and Visual Studio 2013

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