Preparing SSIS Solutions for Azure Deployment

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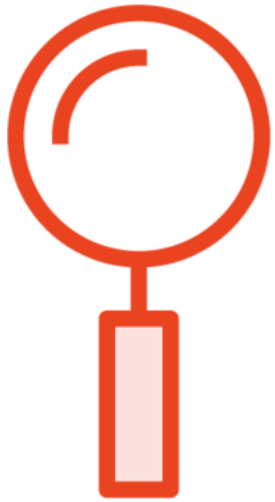
Azure Integration Services



If you Google “Azure Integration Services”

What comes up is NOT Integration Services in Azure

But, let’s be honest – “integration services” is a terrible name

https://azure.microsoft.com/en-us/product-categories/integration/

Data Transformation Services

The OG name for Integration Services

So let's figure out what actual "Azure Integration Services" would look like

Connection from a Local Machine to an Azure Database

Lift and Shift to Azure Data Factory

Azure Data Factory – the real Azure Integration Services

A cloud-based pipeline

“Migrating to Azure Data Factory” - https://bit.ly/3bJGlgM

Developing in ADF from the Start

Azure Data Factory 1.0

ADF 1.0 was unusable

Don’t let that keep you from looking at 2.0

Emotional Permission with SSIS

SSIS has a lot of problems, most of which seem like chip-shots that could be solved over a weekend

These problems have persisted over multiple versions – Microsoft has clearly decided to never fix them

An Eye on the Big Picture

If an ETL process is going to be ruinously expensive...

Maybe you shouldn't have a database

Unask the question

How Do You Store Data without a Database?

Traditional, transactional databases are *schema-on-write*

This is what makes ETL so hard

Document-oriented databases are *schema-on-read*

This shifts the complexity from the ETL process to the data layer – maybe a better place for it?

Cosmos DB course

- https://bit.ly/2ygd6V0

Azure Data Lakes course

- https://bit.ly/2XaMoFP

THANK YOU VERY MUCH
FOR WATCHING!!!