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Agenda

- What is SSIS?
- Using Alteryx



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What is SSIS?

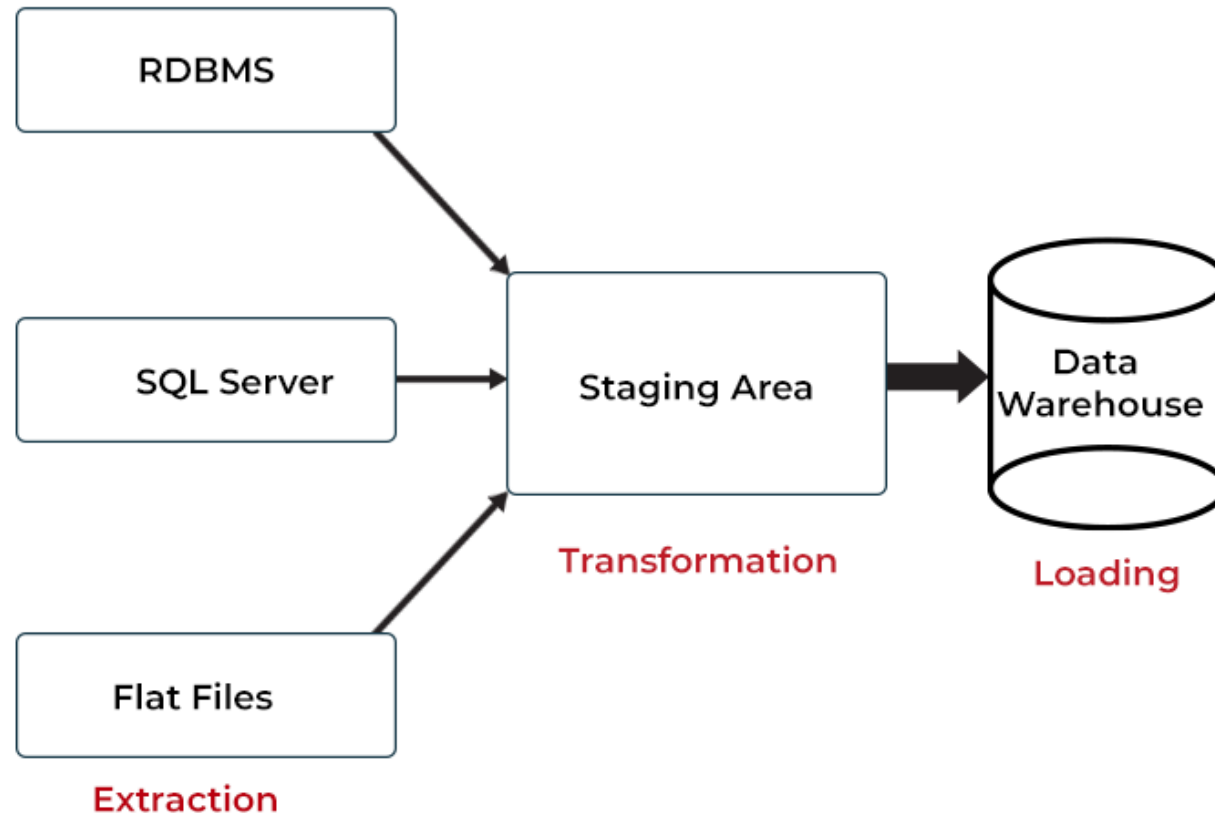
- SQL Server Integration Services is a platform for building enterprise-level data integration and data transformations solutions
- Used to execute a specific ETL task



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Using Alteryx

- We will have 3 data sources and 1 destination





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Using Alteryx

- Run files in this order
 - New Workflow1.yxmd (Distributor 2)
 - New Workflow2.yxmd (Distributor 3)
 - New Workflow3.yxmd (Distributor 1)



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Using Alteryx (Extraction)

- Use **Input Data** component
- Set up connection => files => select file => **Distributor 2.xls**
=> Select Excel input => select sheet => **SalesByClientReport**

Note: if the file is txt, you need to select **Delimited text file**



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Using Alteryx (Transformation)

- Use **Select** component
- Connect it with **Input Data** component
- Select specific **fields** (columns) to work with
- Change **type** and **size** of any column
- You can also rename column



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Using Alteryx (Loading)

- Use **Output Data** component
- Connect it with **Select** component
- Set up connection => Data sources => Microsoft SQL Server
=> Oledb => **Select server name** => **Use Windows NT** =>
Select database => ok
- Enter **Output Table** name

Note: **Select server name** from SQL Server Management Studio



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Using Alteryx (Loading) Cont.

Output Data component Options:

- **Output Options:**
 - Create New Table
 - Delete Data & Append
 - Append Existing
- **Append Field Map:**
 - Custom Mapping



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Check loaded Data in Sql Server

- Run Alteryx
- Go check data in the destination table

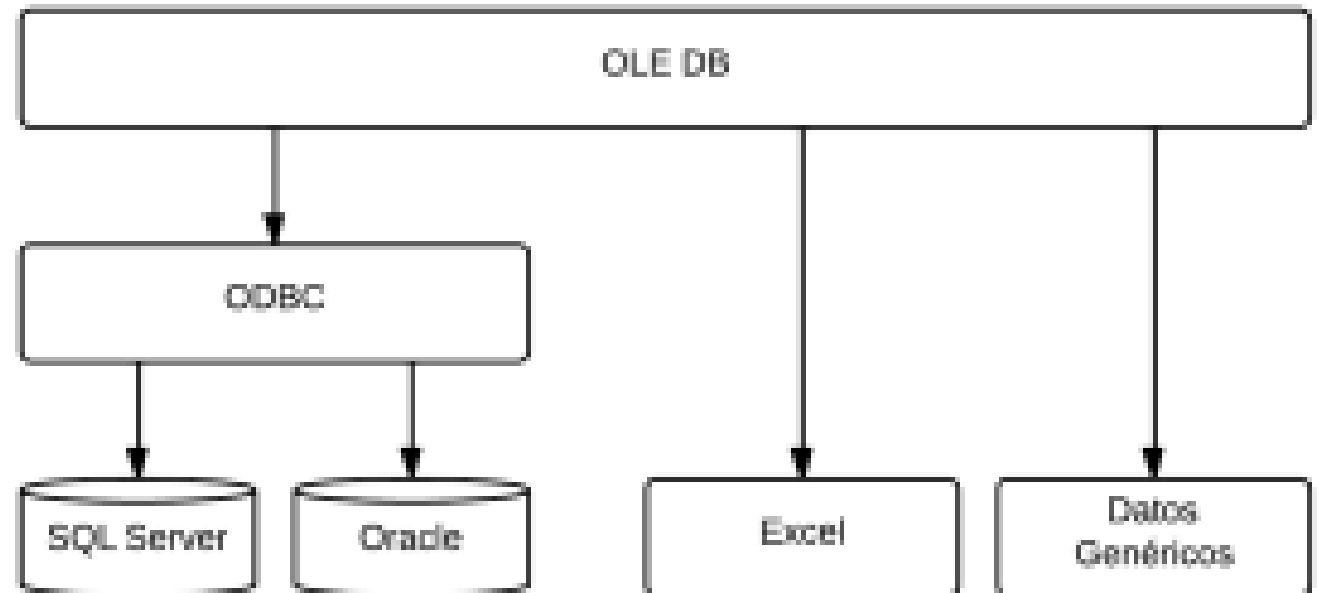


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OleDB

Object Linking and Embedding Database

APIs used to facilitate access to application data of different file formats



The image features a blue-tinted background showing silhouettes of several groups of business professionals in a modern office environment. They are standing on a reflective floor, and a city skyline is visible in the background. The text "Thank You" is centered in the middle of the image.

Thank You