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SSIS Modernization to Microsoft Fabric

6-Wk Assessment + Accelerator-Led Migration

Various Modules of Sunshine –SSIS Takeout

Analyzer

Automatically Scans all the SSIS packages

Code Convert

Leverages Multiple Agents specialized for SSIS package conversion, modularized into Azure Databricks PySpark functions.

Deploy and Feedback

Enables direct deployment of converted PySpark files to the target environment, with support for providing feedback to the converted code.

Output

- Inventory of Activities
- Sequence of activities
- Dependency analysis
- Complexity Analysis
- Meta Data extraction
- Automation possibilities
- Extensive Technical Specification

- Azure Databricks optimized PySpark Notebooks

- Converted PySpark files are deployed as notebooks to the target Azure Databricks environment.
- Human in loop is required to edit , Run the code and validate
- User feedback on the converted code is captured for future reference or enhancement.

Automation

90%

70%

30%

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Modernization to Microsoft Fabric – Pilot Offering

Modernize your SSIS packages & ETL to Unified Data Platform on Microsoft Fabric

- *Lower cost of maintenance & ownership*
- *Unified analytics platform with support for entire data lifecycle*
- *Built-in intelligence, Unified Governance, AI/ML and AI/BI to accelerate time to business insights*
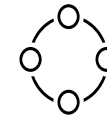- *Open platform that supports multi-cloud*

Pilot Timelines

6 Weeks

Implementation Approach

Discovery & Assessment (1 Wk)
Tool driven assessment of existing CFT, DFT packages & Dependencies

Migration planning (1 wk)
effort estimation, identify blockers & target state architecture plan

Code Conversion & Sample Implementation (4 Wks)
Auto-generate equivalents for selected packages through utility & Validate performance and logic consistency

Deliverables

Ready to-go setup for Larger Migration

A implemented and tested MVP with proven acceleration through our Utility

Performance benchmark & success criteria evaluation

Tool driven assessment of exsiting landscape and migration effort estimation for target state architecture

Key Assumptions & Pre-requisites

- **Connectivity to source systems** for data ingestion & migration needs to be provided by the client
- Any business/infosec **accesses & approvals**, and **allocation of SME/s** for use case understanding & discovery prior to project start

- **Final use case and scope for modernization will be discussed and agreed upon** prior to signing of contract

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Thankyou

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