



# SSIS Modernization to Azure Databricks

---

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.



- 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.

90%

70%

30%

Output

Automation

# Modernization to Azure Databricks – Pilot Offering

## Modernize your SSIS packages & ETL to Unified Data Platform on Azure Databricks

- 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

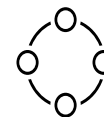
**6 Weeks**

## 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**



**Performance benchmark & success criteria evaluation**



**A implemented and tested MVP with proven acceleration through our Utility**



**Tool driven assessment of existing 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





# Thankyou