CLEARPEAKS PoC Series
End to End Azure Data Factory Pipelining

Microsoft Solutions Partner
Data & AI
Azure

About ClearPeaks

ClearPeaks is a specialist consulting firm delivering services and solutions in "Everything Data" - Business Intelligence, Advanced Analytics, Big Data & Cloud, and Web & Mobile Applications. Founded in 2000, we have been a trusted partner to our customers in over 15 industry verticals and functional areas, with operations spanning Europe, Middle East, the United States, and Africa.

ClearPeaks is part of a strategic alliance with synvert, a group of six successful full-service Data & Analytics (D&A) consulting firms, with a clear goal to become one of EMEA's largest D&A consulting companies.

Microsoft Solutions Partner for Data & AI (Azure)

Extensive project experience across multiple industries and business functions.
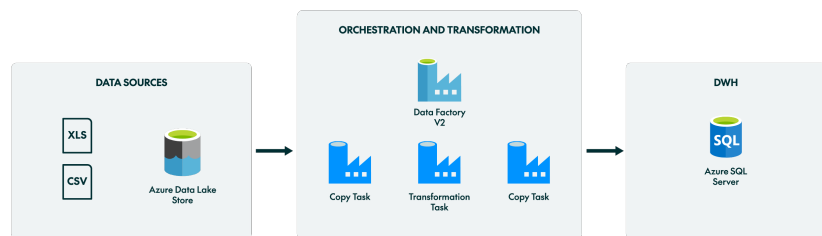
A Pool of Experienced Consultants

- **70+** consultants experienced in Power BI.

- **20+** consultants experienced in Azure Data Factory.

SUMMARY

Whether your organisation is about to embark in their first Cloud/Big Data project or thinking about upgrading their existing environments, there are a lot of tasks to be done and it can be overwhelming. So why not entrust it to experts?

ClearPeaks is a Microsoft Solutions Partner for Data & AI (Azure), and can help you determine if your organisation is ready for the next step in data integration and management, by assessing and ensuring Azure Data Factory is the right tool for you and creating a full end-to-end data pipeline from Data Source to Data Warehouse.

Our consultants will collaborate with you on an efficient and cost-effective remote working basis, providing a comprehensive roadmap for the Proof of Concept and delivering value within two weeks from project commencement date.

synvert
ClearPeaks

End to End Azure Data Factory Pipelining

Microsoft
Solutions Partner

Data & AI
Azure

PoC PHASES

STEP 1:

Read from files stored in Azure Data Lake Store.

STEP 2:

Perform the Data Transformation from the files. The business logic is migrated from the transformation job chosen by the client.

STEP 3:

Write the results of the transformation in a table of the persistent storage Azure SQL Server database that acts as the DWH.

TASKS

- **Requirements gathering:** We will work together to identify the most adequate data pipeline to migrate to Azure.

- **Cloud setup:** Creation and deployment of Azure services: Data Factory, Data Lake Store and SQL Server database service.
  User permissions setup.

- **Service configuration and integration:** Azure services configuration and integration of service. Creation of Linked Services in Azure Data Factory.

- **Development:** Data Factory origin and destination datasets creation; database table creation.

- **Migration:** Lift-and-shift of the SQL business logic.

- **Validation and Test:** End-to-end pipeline testing and data validation.

- **Presentation:** Outcome of the PoC presented, review of migration approach and work on next steps.

Task Name	Man-days	Duration	Start	Finish	Predecesso...	Jan 2 S S M T W T F	Jan 9 S S M T W T F
− **Azure PoC**	**10**	**10d**	**03/01/22**	**14/01/22**			
Requirements gathering	1	1d	03/01/22	03/01/22			
Cloud setup	1	1d	04/01/22	04/01/22	2		
Service configuration and integration	2	2d	05/01/22	06/01/22	3		
Development	1	1d	07/01/22	07/01/22	4		
Migration	3	3d	10/01/22	12/01/22	5		
Validation and Testing	1	1d	13/01/22	13/01/22	6		
Presentation	1	1d	14/01/22	14/01/22	7		

synvert
ClearPeaks

synvert
ClearPeaks

clearpeaks.com

info@clearpeaks.com

Barcelona +34 93 272 15 46

Abu Dhabi +971 (0)2 448 8075