

ClearPeaks PoC Series

End to End Azure Data Factory Pipelining



MISSION

We help our customers achieve business objectives tied to an ROI through the intelligent use of data and the deployment of quality business-focused, technically robust analytical solutions.

Gold Partner for Data Analytics

Pool of certified consultants with project experience.

Gold Partner for Cloud Platform

Team of highly-qualified Big Data, Advanced Analytics and Cloud experts.

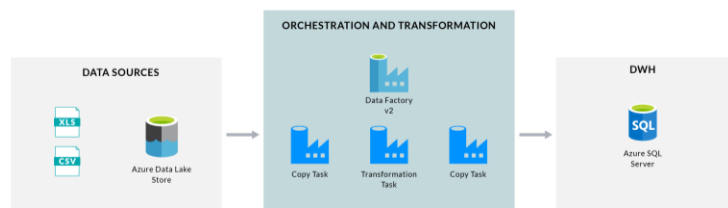
A Pool of Experienced Consultants

- **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 outsource it to experts?

ClearPeaks is a Microsoft Gold Partner that 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.

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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							Jan 9						
						S	S	M	T	W	T	F	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														



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