

# AZURE SYNAPSE ANALYTICS 2-WEEK POC

Enjoy limitless analytics across data warehouses and big data analytics systems, and reduce development time on end-to-end analytics solutions. Enable faster ingestion of data into Azure Synapse using Nous' powerful data integration accelerator tool.

Microsoft  
Solutions Partner  
Data & AI  
Azure

Specialist  
Analytics  
Info and Database Migration

## OUR PROCESS

### Source

Operational systems   Engineering systems   External data   Files

### Ingestion



### Storage

#### Bronze

Raw ingestion and history

#### Silver

Filtered, cleaned, augmented

#### Gold

Business-level aggregates

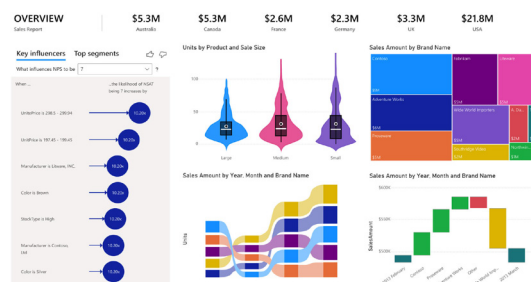
Delta Lake

Azure Data Lake



Azure  
Synapse  
Analytics

### Visualization



# OUR 2-WEEK POC

## Week 1

### Assess



- Define POC scope and success criteria
- Assess and select data sources (max. 3)
- Define data source volume (ideally around 1TB)
- Identify component level mapping

### Setup



- Define and setup Synapse environment
- Define clusters and sizing
- Define data ingestion strategy

## Week 2

### Ingest



- Build and execute data ingestion pipeline
- Validate performance with SQL and Spark pools
- Validate incremental data load (optional)

### Present



- Two Power BI dashboards with Synapse as the data source for the identified KPIs
- Verify user experience
- A high level Synapse implementation roadmap
- A 4-hour introductory workshop on Synapse Analytics

 [Discover our capabilities here](#)

#### USA

California

#### USA

New Jersey

#### CANADA

Toronto

#### GERMANY

Dresden

#### UK

Brentford

#### INDIA

Bangalore



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