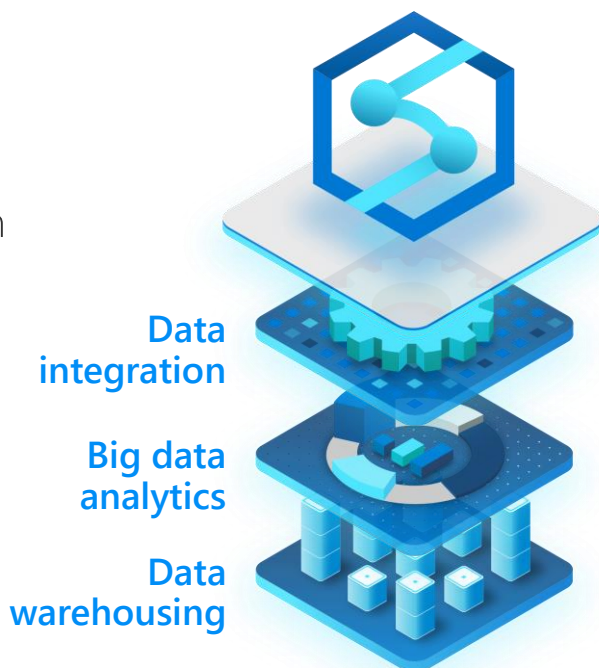


# Azure Synapse Analytics

Is a single, unified analytics platform that combines big data, data warehouses, and data integration into a single cloud service for end-to-end analytics.



## PROBLEMS IN WORKING WITH DATA AND ANALYTICS

1

Data unification and efficient data management process

2

Difficulty in sizing infrastructure (computing and storage)

3

Rapidly growing and difficult-to-forecast volume of data

4

Difficulty in sizing infrastructure (computing and storage)

5

Additional costs for ensuring the continuity of the data collection and analytics process

6

Constant system updates

## AZURE SYNAPSE ANALYTICS ARE TRANSFORMING BUSINESS FASTER

▲ 60%

Increased customer satisfaction

▲ 27%

Getting information faster

▲ 26%

Lower total cost of ownership

## OPEN ECOSYSTEM SUPPORTING INDUSTRY STANDARTS

PySpark



Scala

C#

SQL



Parquet

.ORC




{JSON}




# HYBRID DATA INTEGRATION


- Over 95 connectors available
- Securely connect to on-premises data sources, other clouds, and SaaS applications
- Code-First interfaces and Low/No-Code Design
- Run by schedule and events



**Data Transformation + Orchestration**



**95 connectors**




**All your data (on-prem, SaaS applications, other clouds)**


Cloud native ETL/ELT

CODE-FREE


## ІНТЕГРАЦІЯ З AZURE SYNAPSE ANALYTICS




**Apache Spark**  
The most popular open-source big data engine




**Azure Data Explorer**  
Provides an interactive interface for obtaining valuable insights from log and telemetry data






**Data Integration**  
Includes the same data integration engine and capabilities as Azure Data Factory




**Synapse Studio**  
A single way to create solutions, maintain and ensure security in a single user interface


## BEST IN CLASS SECURITY




Keys managed by the client and the system




All data is encrypted by default




Up to 3 levels of data encryption at rest



Homecratize data at any scale with a fine-grained ACL



Proactive Defense



Full compliance