



# Microsoft Fabric

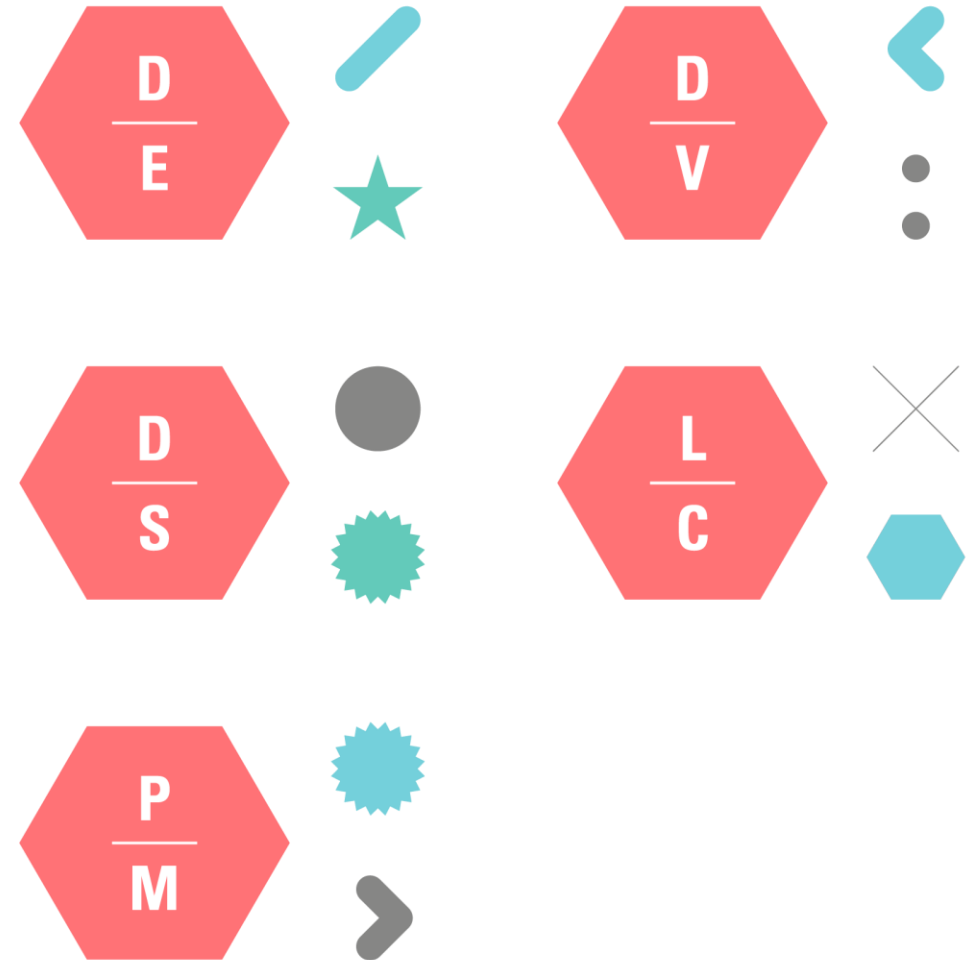
## Data engineering and data visualization

Data & Automation Line Up 2024



## About Rockfeather

At Rockfeather, we're not just consultants; we're dream builders. We turn your Data & Automation vision into reality, using the power of technology to bring your ideas to new heights. Working hand-in-hand with you, we empower you to achieve your goals. Ready to see your solid ideas take flight? Partner with Rockfeather today, and let's start a journey of innovation and success. Together, there's no limit to what we can achieve.



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## Our technologies

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Tableau



Power BI



Azure Data Factory



TimeXtender

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DBT



Power Apps



Azure Logic Apps



Azure ML

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Databricks



Outsystems



Acterys



Alteryx

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Power Automate



Process Science



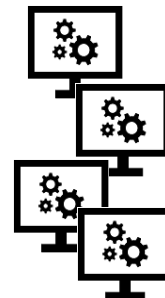
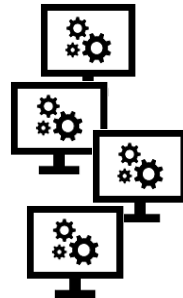
Python



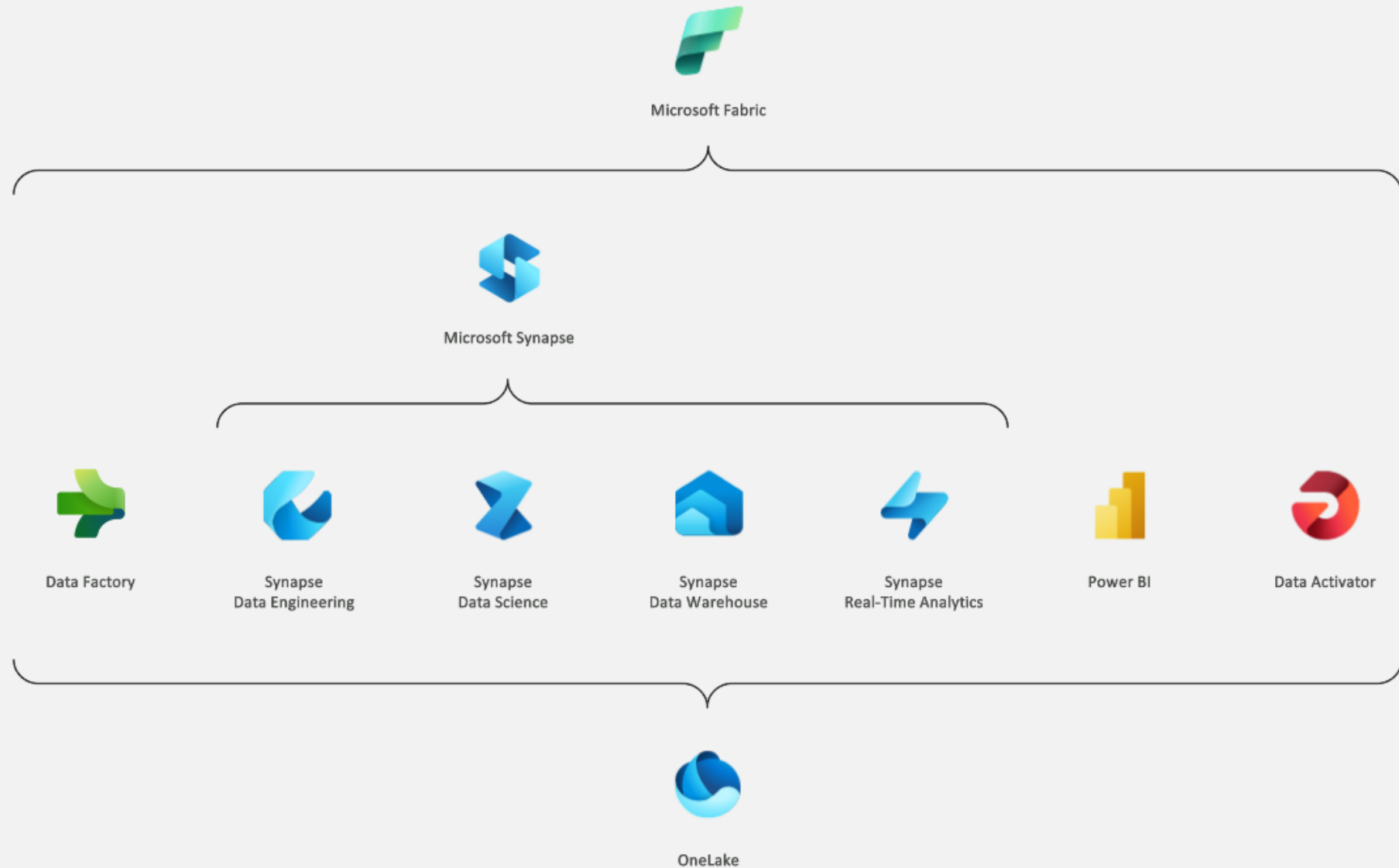
Airbyte

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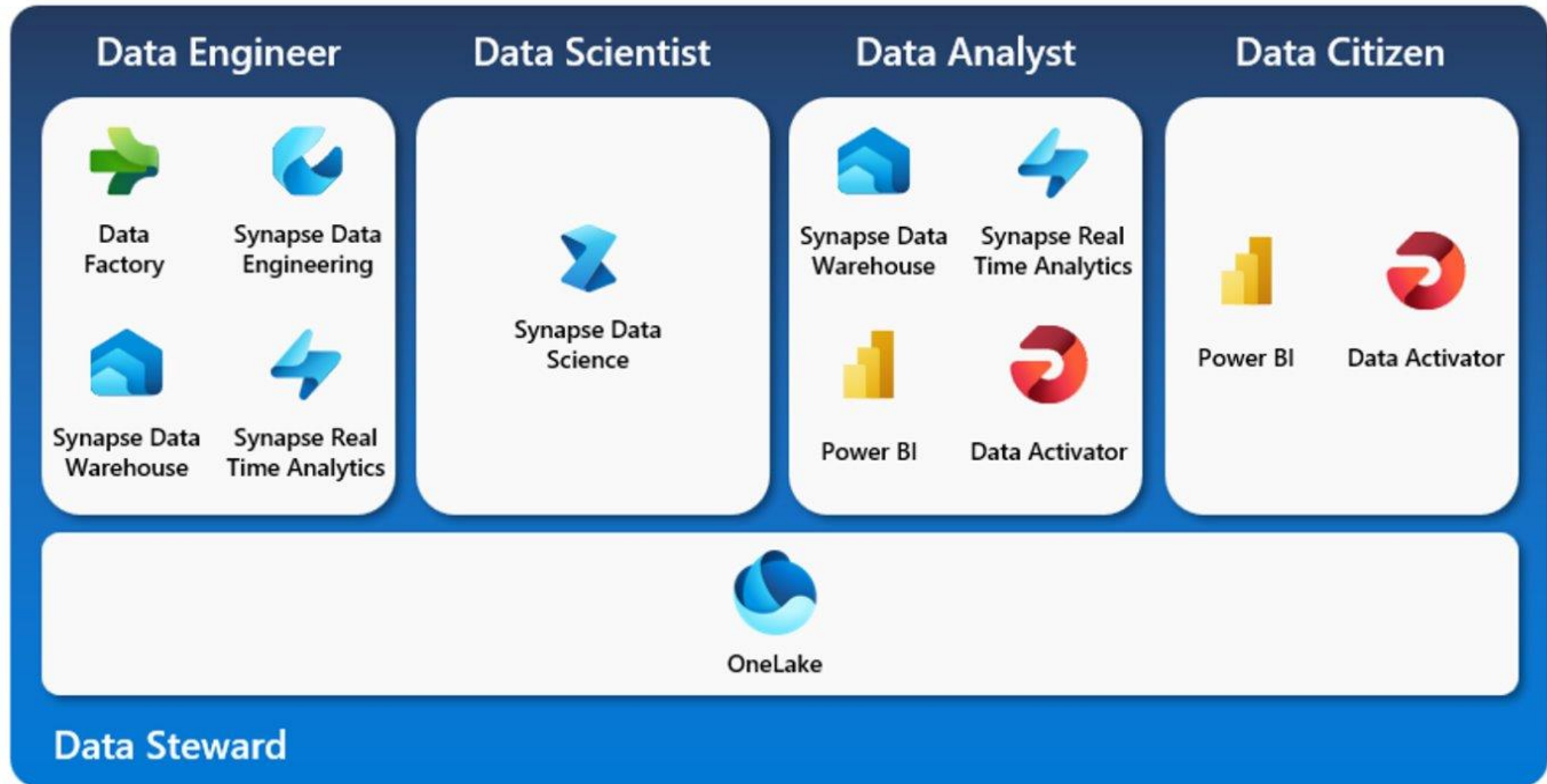
## The problem



# Solution & key features



# Benefits



# Flexibility

- Not only available for different data professionals but also offers different ways to handle data.
- Lakehouse
  - Semantic model
  - SQL endpoint
  - Querying data
    - SQL query
    - Visual query
- Transformations
  - Notebooks
    - Python
    - Scala
    - SQL
    - R
  - Dataflows Gen 2
- Visualizations
  - Copilot

The image displays the Databricks workspace interface. At the top, there's a toolbar with various actions like 'Add data', 'Remove columns', 'Keep rows', etc. Below this, a table view shows data with columns like CustomerID, CompanyName, ContactName, ContactTitle, Address, and City. The table includes a 'top 1,000 rows' indicator. To the right of the table, there are several vertical bar charts representing data distributions for different columns. Below the table, a notebook is open, showing a Python script that generates random data and plots a histogram. The script includes comments and uses the matplotlib library. The output of the script is a histogram titled 'Raw Data' showing a distribution of values. The notebook interface also shows a command execution status bar at the bottom.



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## USE CASE

Org with robust architecture in place  
Want to ingest, transform, store and visualize  
new sales data

Used to have multiple teams and tools

Now uses:



Ingestion



Dataflows / pipelines

Transformations



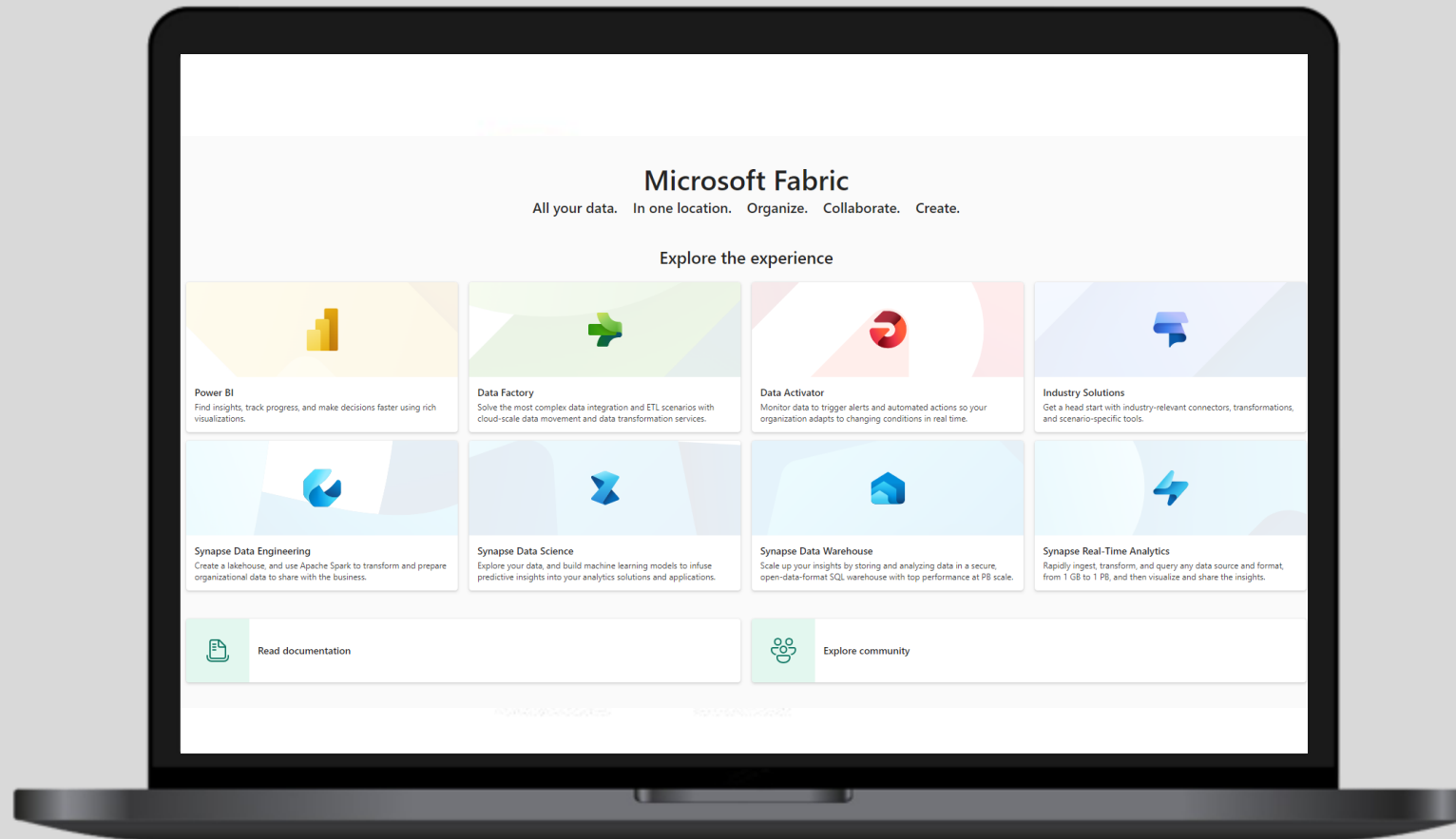
Notebooks / pipelines

Modeling & Visualizing





## Microsoft Fabric - demo



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## Want to know more?

<https://rockfeather.com/>

<https://rockfeather.com/microsoft-fabric/>

<https://rockfeather.com/microsoft-fabric-masterclass/>



## Contact details

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