

# DATA SCRAPING 2-WEEK POC



softserve

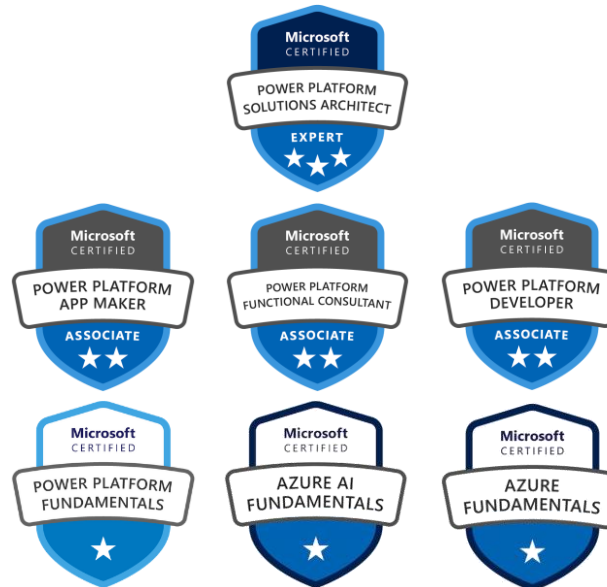
# MICROSOFT POWER PLATFORM EXPERTS IN SOFTSERVE

## 10+ specialists:

- ✓ Junior developers
- ✓ Middle developers
- ✓ Senior developers
- ✓ Architects
- ✓ DevOps specialists
- ✓ Trainer



30+ earned  
Microsoft certifications:



10+ certifications  
in other domains:



## 4 locations:

-  ✓ The USA
-  ✓ Ukraine
-  ✓ Poland
-  ✓ Bulgaria

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# ABOUT THE POC

**SoftServe provide a configurable and scalable component allowing you to scrape data from different data sources into Enterprise database.**

Collecting data from different sources could be a challenging. For example, due to the different data format. The extracted data is usually unstructured and needs preliminary transformation in accordance with accepted standards and data types.

During the PoC, our experts will help you to configure web scrapping and data preparation processes to turn the extracted data into business assets. This component is similar to RPA scraping, but more robust, tolerant to changes of the data source and provides flexible capabilities.

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# KEY STEPS AND DELIVERABLES

## KEY STEPS

- Identify data sources for data scraping
- Describe extracted data with key parameters
- Choose data scraping technology
- Configure tables to store scraping data
- Configure and deploy data scraping workflow
- Documented the solution
- Test and launch the solution
- Plan for the next steps

## DELIVERABLES

- Full functional data scraping workflow that is ready to launch
- Comprehensive documentation that can be used as a standard for the next projects
- Training provided by Microsoft Certified Trainer with detailed explanation of development process, used features and next steps

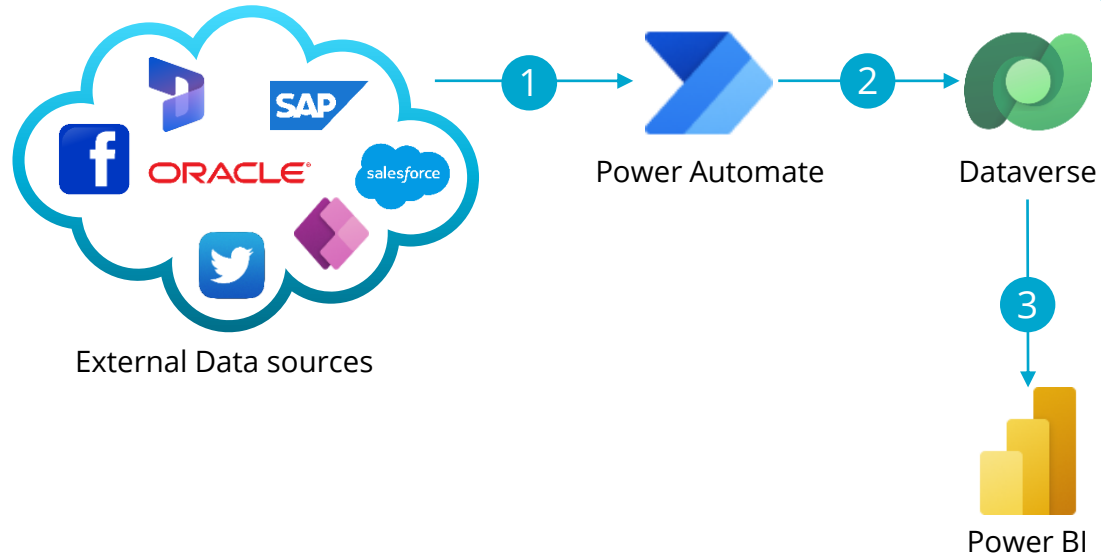
# WHY SHOULD YOU ORDER A DATA SCRAPING POC NOW?

- Automate the process of obtaining the data that is important and relevant to your business
- Reduce operational costs for data extraction and preparation
- Enrich existing data with additional information for advanced analytics and trend forecasting
- Eliminate manual data entry and improve data accuracy

# ARCHITECTURE

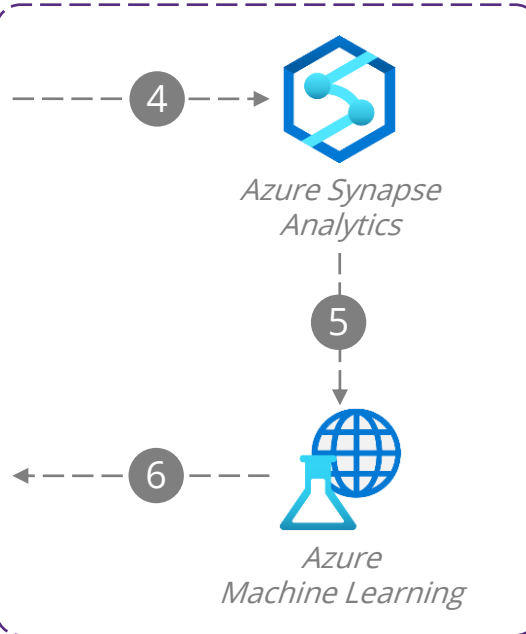
## 2-WEEK POC

Get the scalable component for data scraping



## FURTHER STEPS

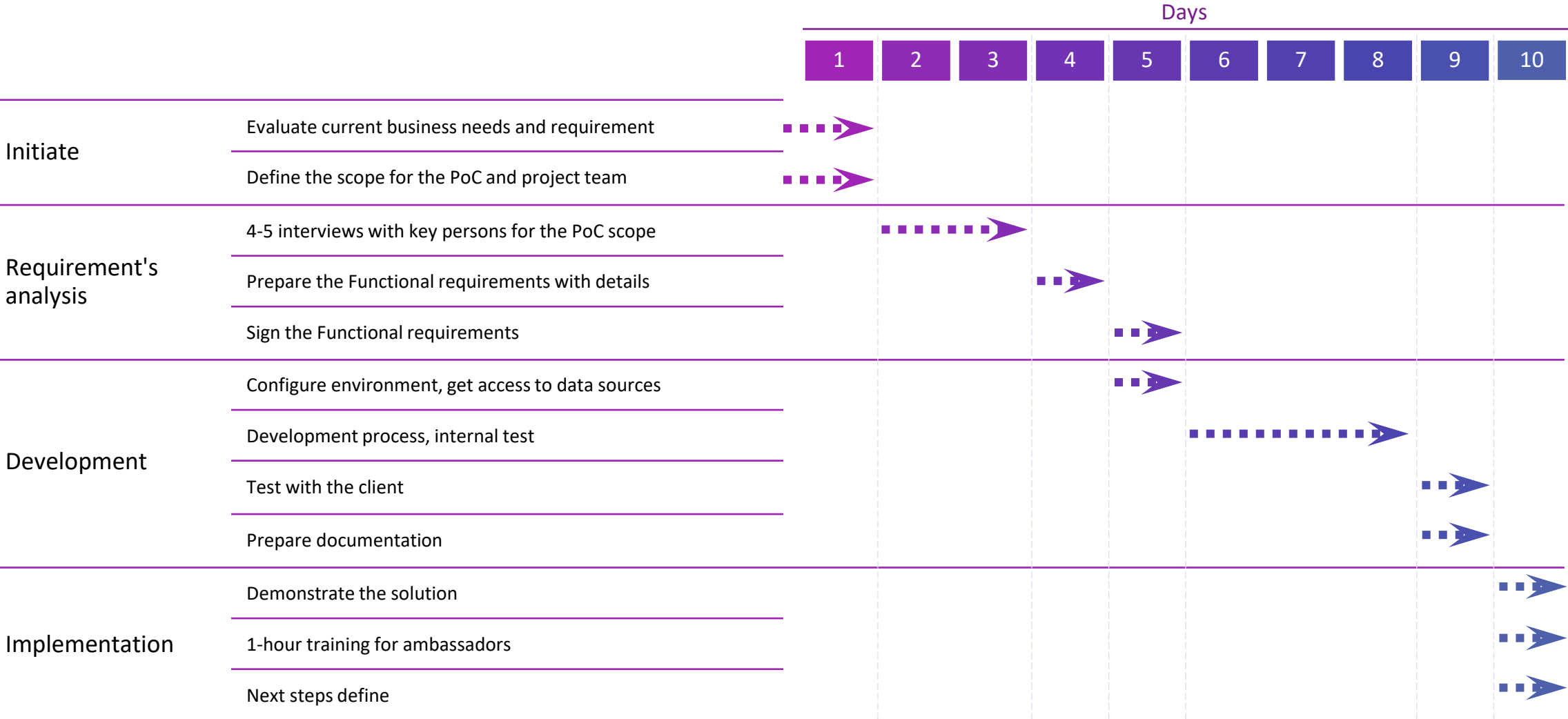
Use data as assets



## Steps description

- 1 Get data from external data sources automatically by schedule or by events
- 2 Configure extracted data and store data in Dataverse tables
- 3 Visualize data in Power BI reports and dashboards
- 4 Connect Dataverse data to Azure Synapse Analytics
- 5 Gain insights from data with deep integration with Azure Machine Learning
- 6 Enrich your Power BI reports with predictive analytics data

# IMPLEMENTATION APPROACH



**THANK  
YOU!**

The image features several decorative blue geometric shapes. There are two small spheres, one on the left and one slightly below it. A large sphere is positioned on the left side, partially overlapping a light blue wavy shape at the bottom. To the right of the large sphere are three smaller cubes, one of which is slightly offset from the others.

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FUTURE