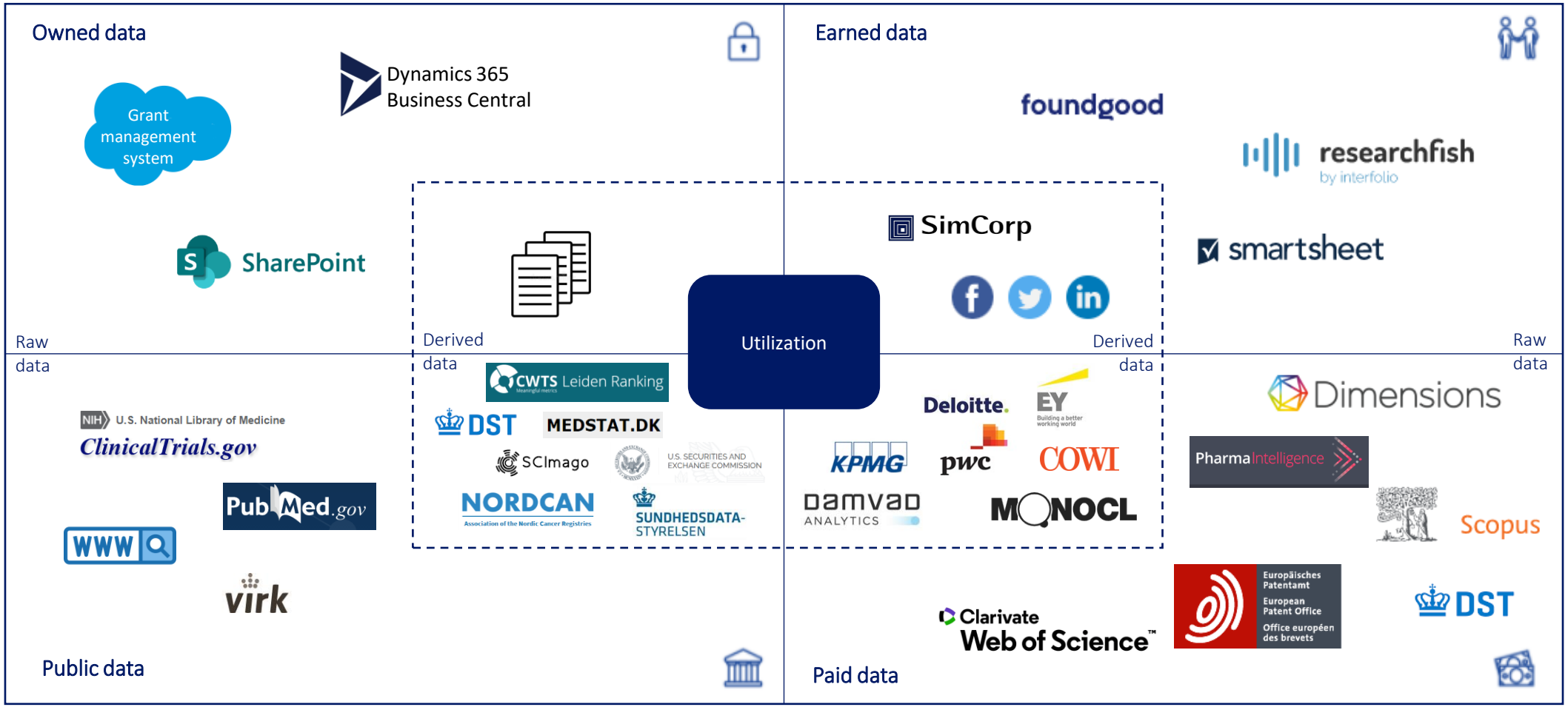
How can funders optimize their work with collecting, handling and using data for analysis purpose?

Agenda:

- Data landscape canvas as a tool
- Cloud based Data Platform – a core enabler for your data strategy
- Novo Nordisk Foundation data architecture example
- From data to insights

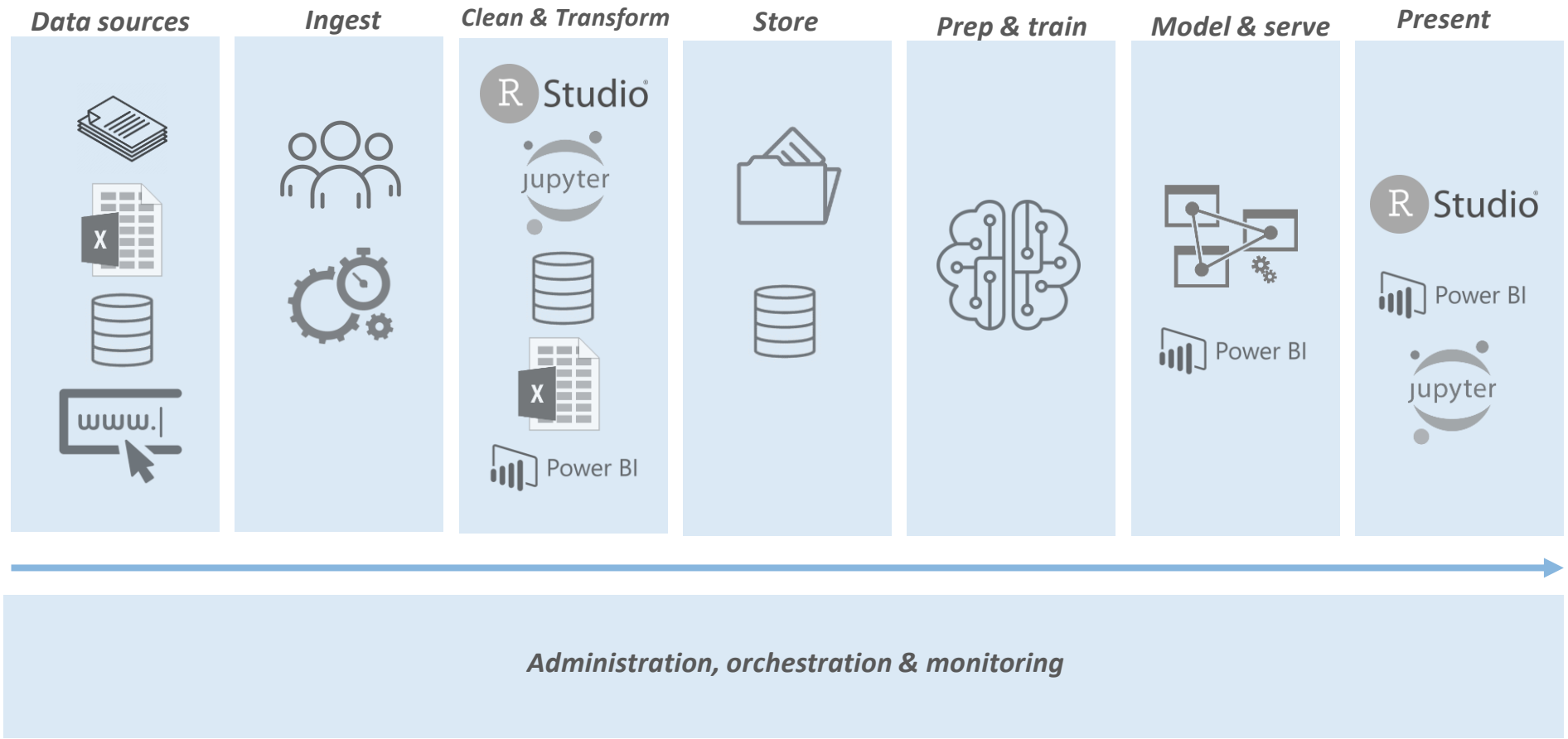
Foundation data landscape



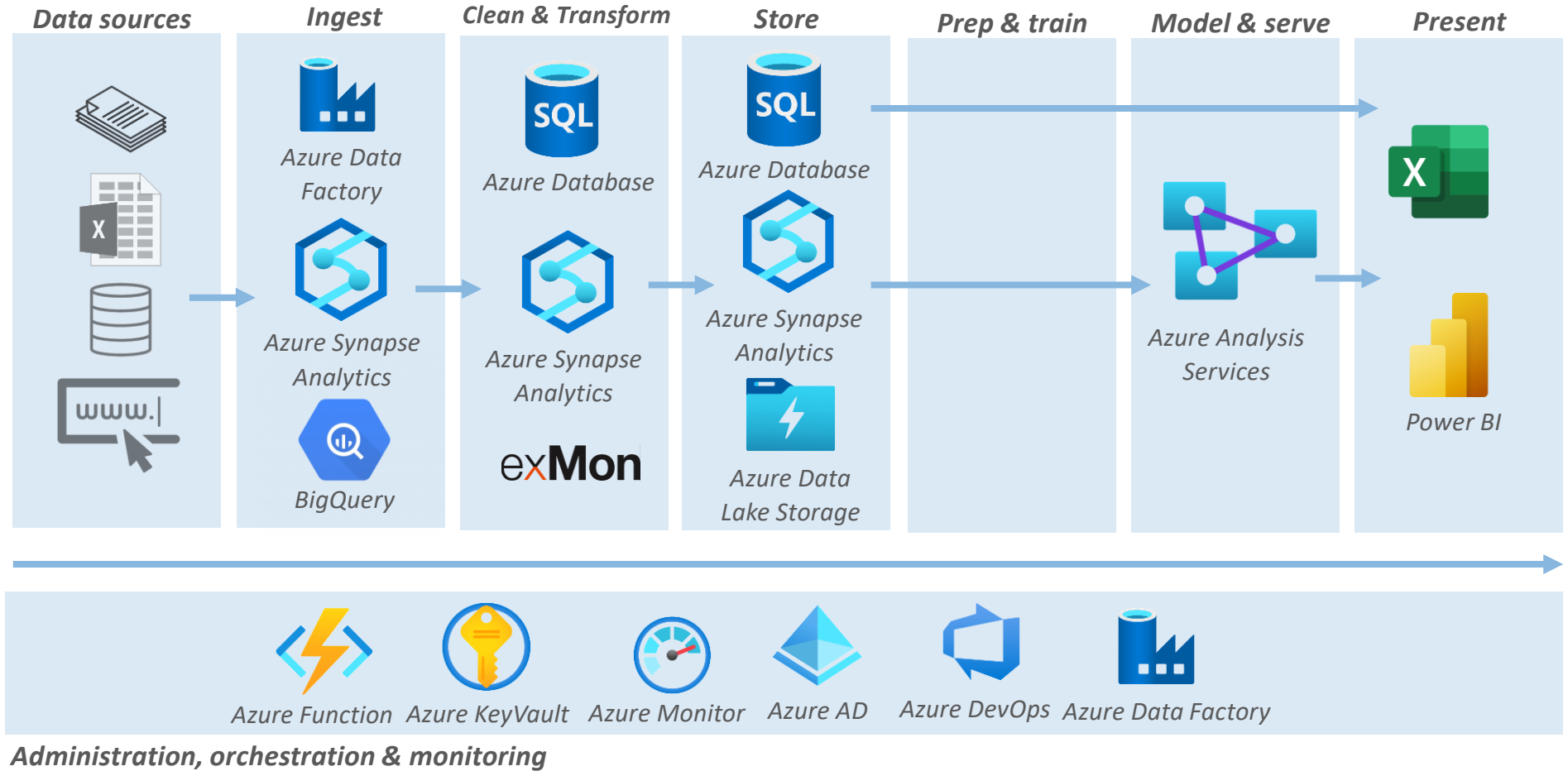
Why Data Platform?

- A need to combine many sources to deliver analyses
- A need to produce same report again and again (systematic reproducibility)
- A need to represent historical data which for different reasons might not be available in the source
- A need to have more frequent data update (e.g., daily)
- A need to enrich the source data (e.g., classifications, region, etc.)
- A need to have scalable solutions for analysis to support organizational growth
- Save analyst's time on data management and enable to focus more on data insights
- More strategic and systematic way of working is necessary
- …

Data flow

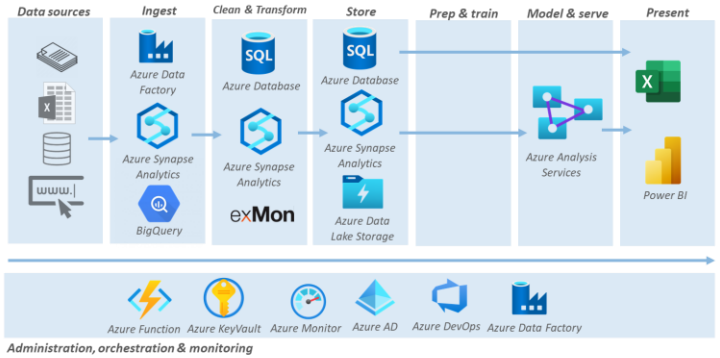

Data sources
Ingest
Clean & Transform
Store
Prep & train
Model & serve
Present
RStudio
jupyter
Power BI
www.
Power BI
RStudio
Power BI
jupyter
Administration, orchestration & monitoring

Foundation data architecture



From data to insights

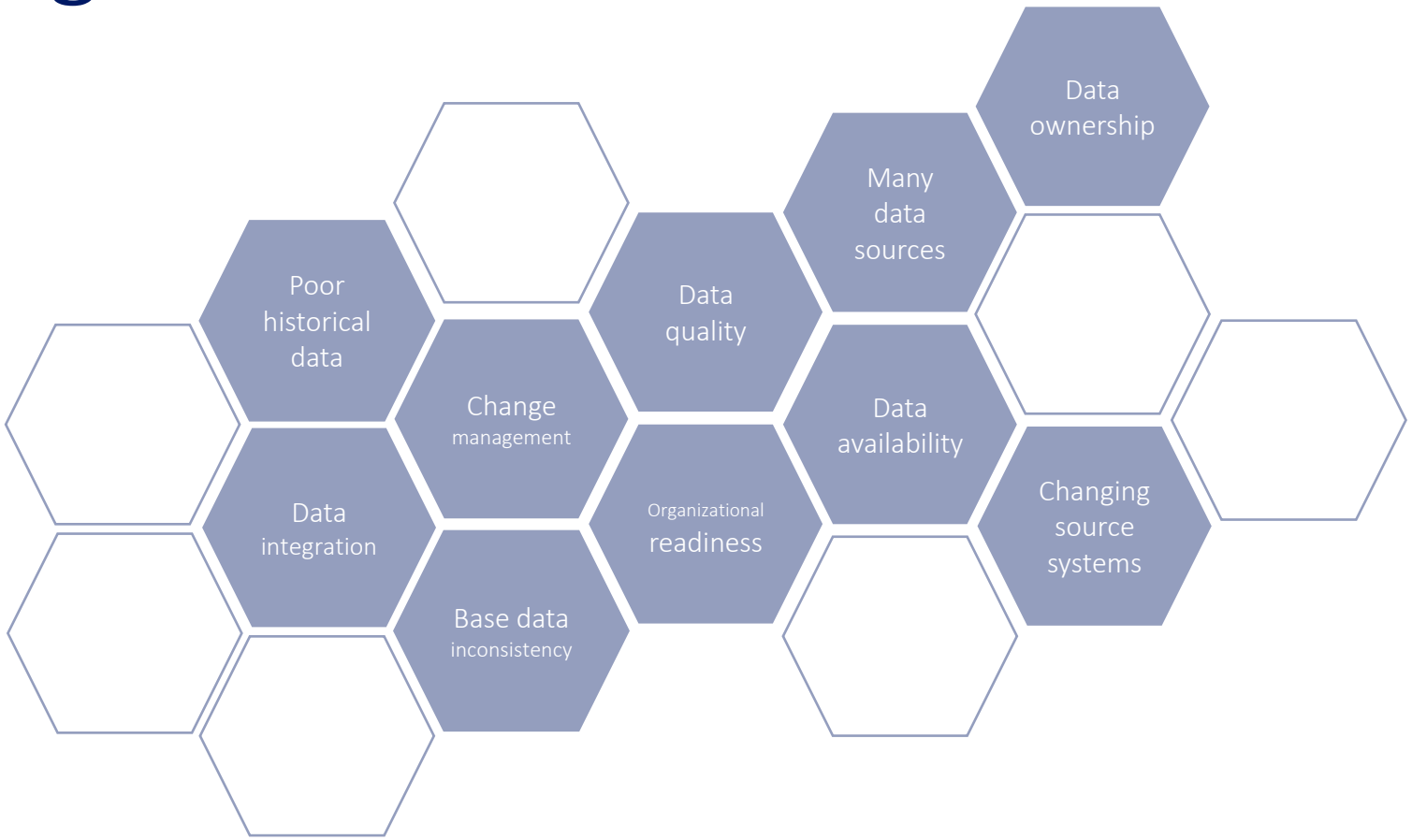
Data Platform



Reports & dashboards

Analysis

Challenges


Data ownership
Many data sources
Poor historical data
Data quality
Change management
Data availability
Data integration
Organizational readiness
Changing source systems
Base data inconsistency