

inPOWER2025



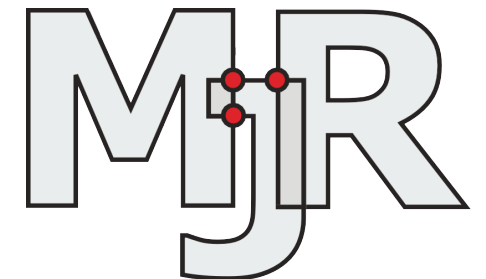
AI

Prerequisites and how to start

Speaker: Michael Raber

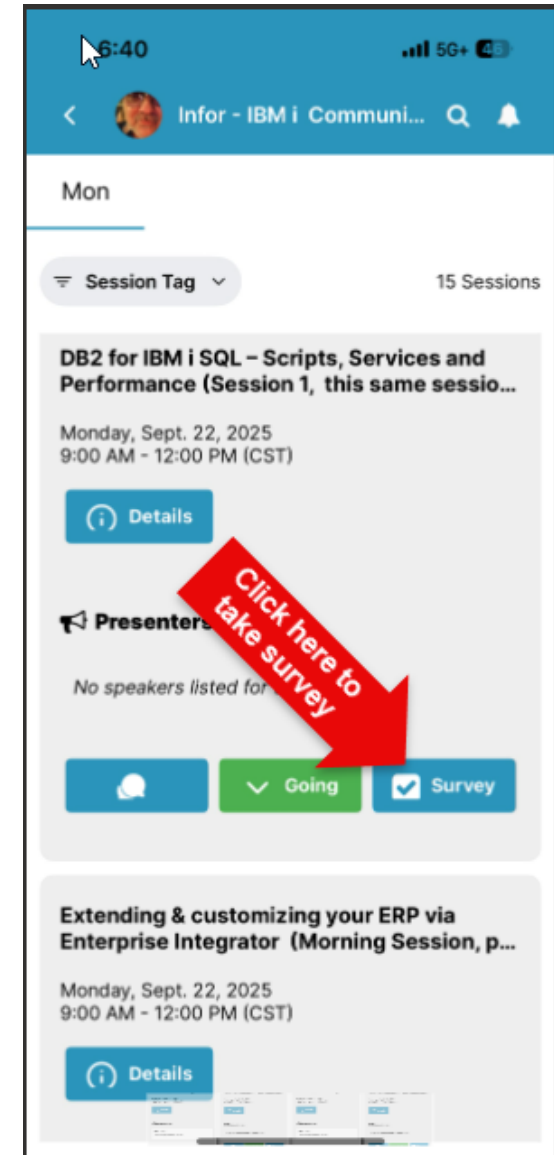
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Survey Says.....

- Please complete the survey at the end of the session.
- Adding your schedule to the Work Out Loud app will allow you to find each session's survey.
- Remember – all responses are read by the board!



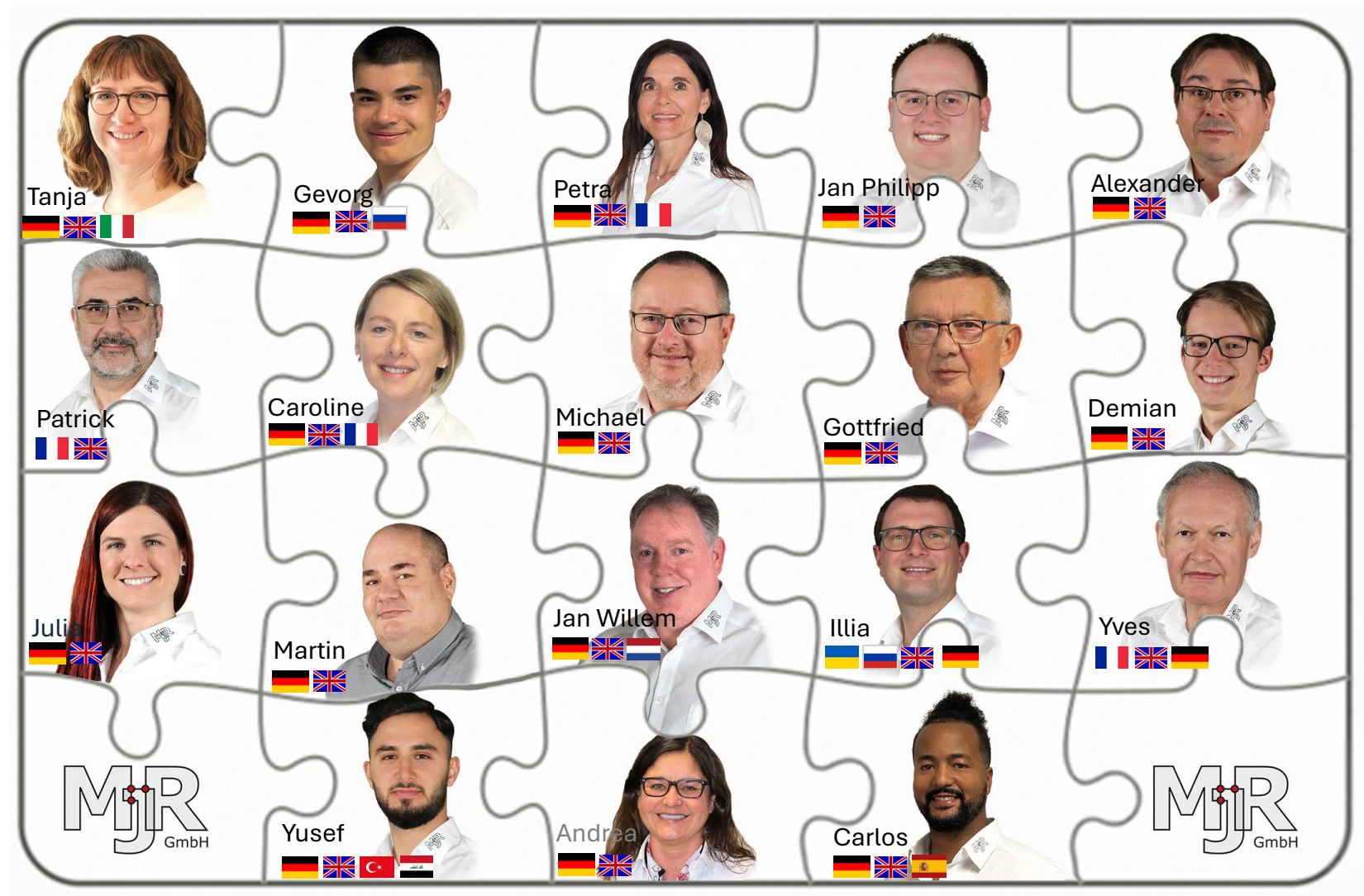
About MJR GmbH – Knittlingen, Germany

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Gold Channel Partner



Customers in 18 countries



Presentation Agenda

- Why AI?
- What is AI?
 - Some basics about AI
- Machine learning
- Prerequisites
 - Data
 - Infor technology
- How to start using AI?
- Questions/Discussions?

Why AI? UseCase?



- **Complex decisions?**
 - AI can analyze things, humans cannot comprehend



- **Is there a huge workload to manage?**
 - AI can handle much more data and workload than a human being



- **Data available?**
 - Where to find? Data sources? Structured data? Unstructured data? Quality?



- **Is there already a software solution available?**
 - Does it work? Are you happy with the results? Limitations?

Why AI? Expectations?



Solve a problem?



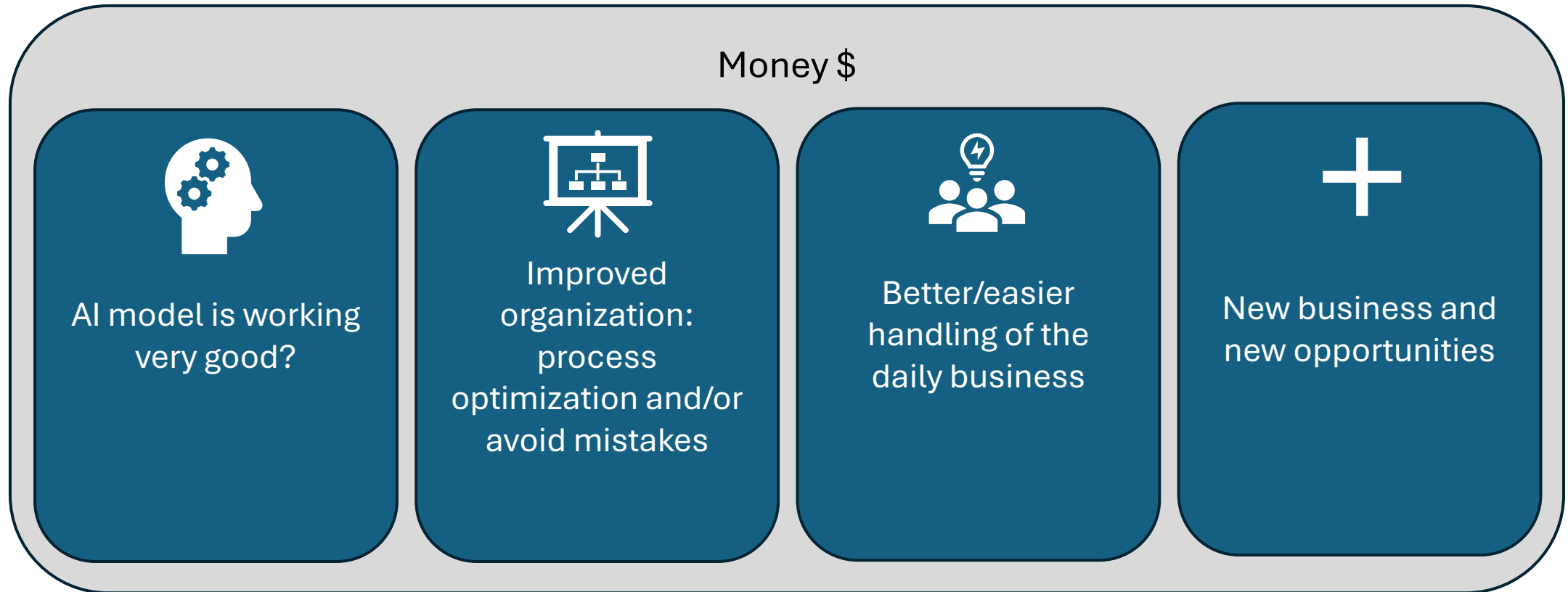
Improvement?

Process? Customer service? New business? Money?



How to measure success?

Why AI? How to measure success?



Let's talk about “AI”?

- Large Language Model (ChatGPT, Microsoft Copilot, Llama and many more)
- Pictures and videos
- **Machine Learning**

There is much more....:

- Deep Learning
- Robotics
- Computer vision
- ...

Machine Learning - forecast

Input

- Training data

Percentage of the source data
e. g. 80%

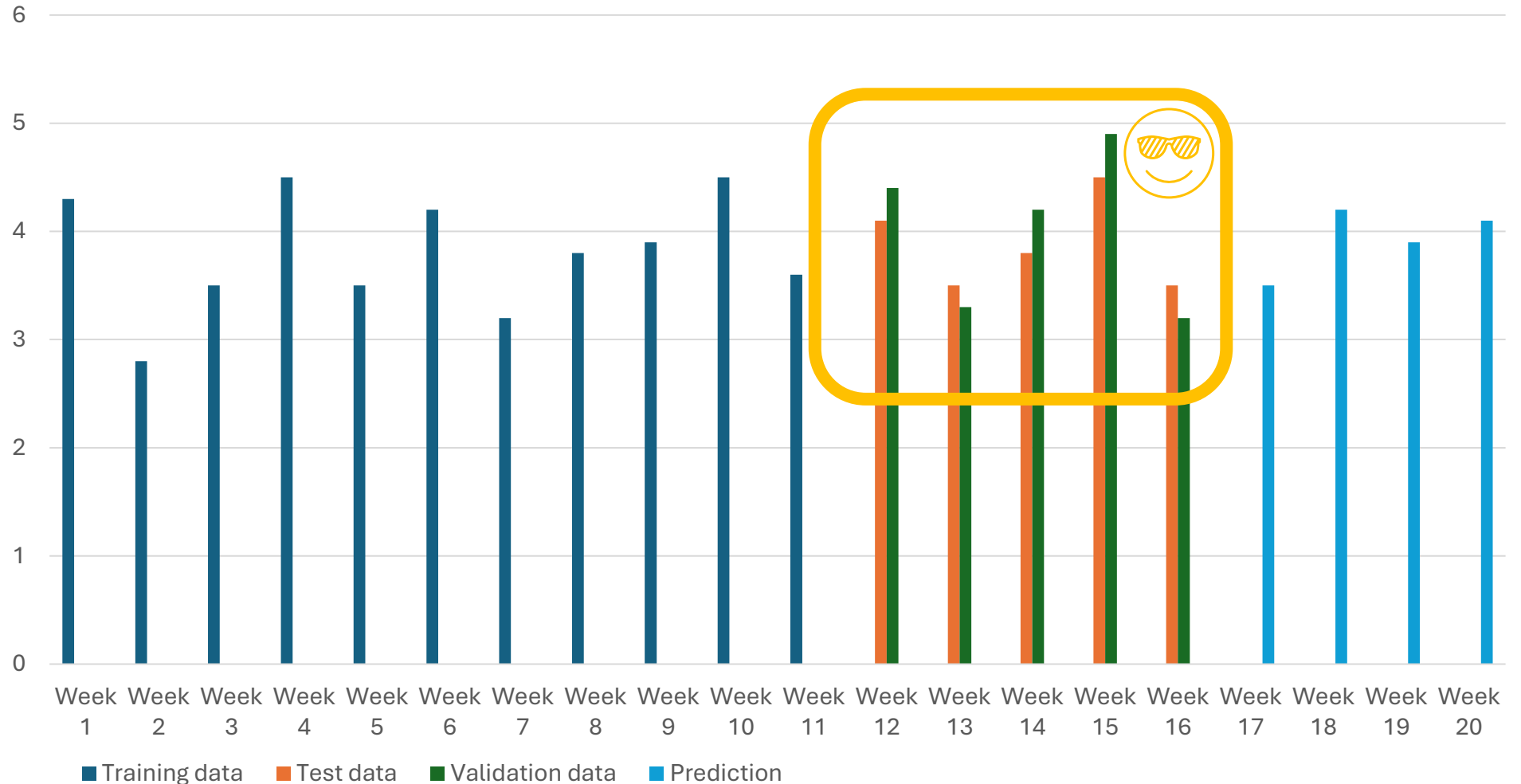
- Test

Percentage of the source data
remaining data e. g. 20%

AI generated

- Validation

- Prediction



Prerequisites - Data



Relational
Database

vs.



DataLake



Amount of data (GBytes, records, ...)



Various data sources and formats



Quality of data



Analyze and fix data problems

Prerequisites - Architecture (Integration/AI)

Not only ERP



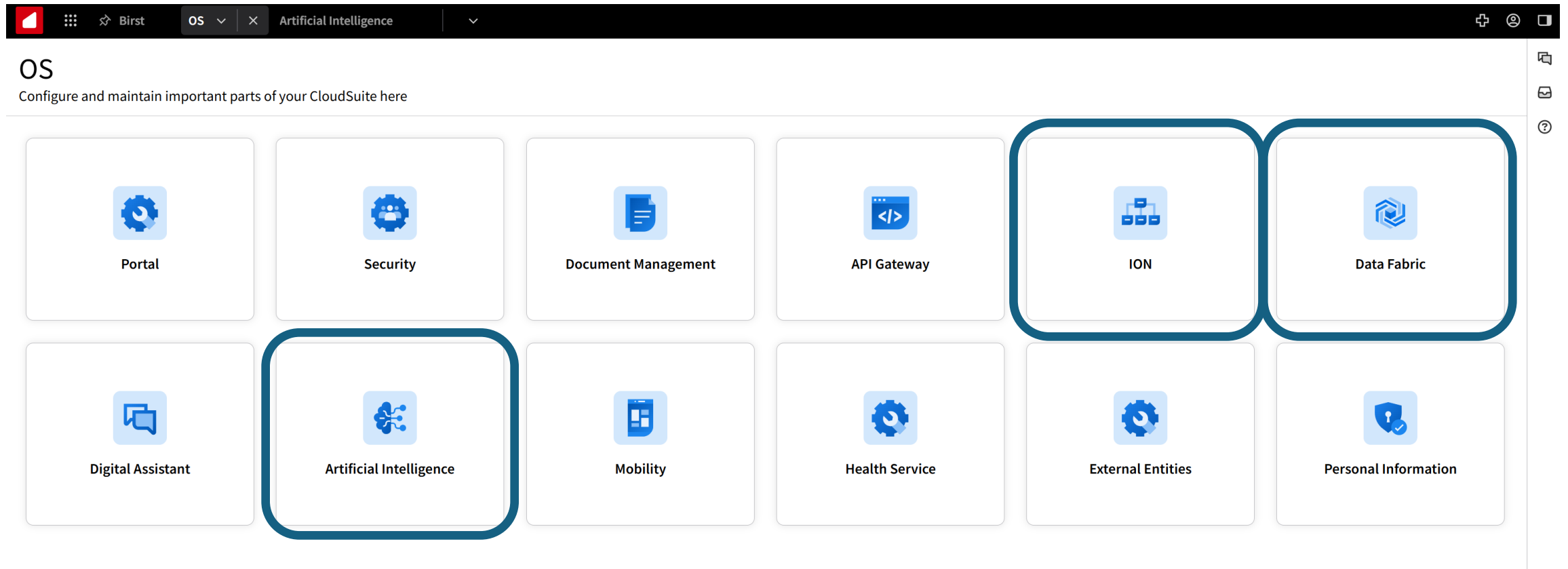
Data sources and data formats



(not only) AI

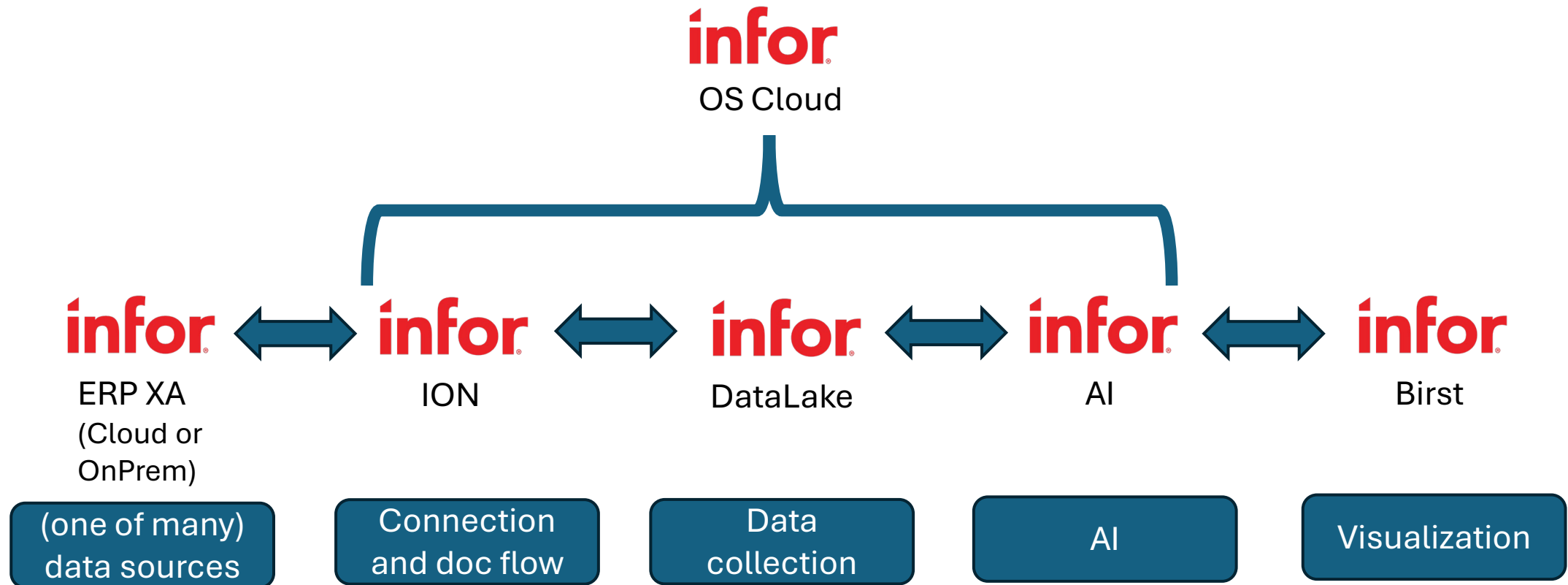


Prerequisites - Infor technology



Learn more about all this stuff on Thursday with Yusef

Prerequisites - technology by Infor



Infor AI – AUGMENTED INTELLIGENCE SOLUTION PORTFOLIO

FORECASTING

- Demand Forecasting
- Sales Forecasting
- Labor Forecasting
- Order Forecasting
- Raw Material Forecasting
- Spare Part Forecasting

ANOMALY

- Statistical Process Control and Trend detection
- Order Anomaly detection
- Cash Anomaly detection
- Product Anomaly detection
- Customer Anomaly detection
- Supplier Anomaly detection
- Vendor Anomaly detection

PRICING

- Margin Variability Analysis
- Margin Recommendation
- Price Recommendation
- Competitor Price Analysis
- Recommendation using Competitive Price Index
- Bulk Qty Pricing
- Price Demand Analysis

OPERATIONAL

- Make vs Buy
- Production Scheduling
- Product Packaging
- Order Flow Optimization
- Metal Mixing
- Blend Optimization
- Recipe Optimization

BEHAVIORAL

- Cluster products based on attributes
- Cluster products based on sales performance
- Cluster products based on volume performance
- Cluster products based on frequency
- Vendor Scoring based on business objectives
- Supplier Scoring based on business objectives
- Customer scoring based on business objectives

INVENTORY

- Inventory policy recommendation
- Inventory rebalancing
- Slot Optimization
- Warehouse Pick Management

How to start?

- Use case?
 - Let's discuss...
- Data
 - Let's analyze...
- Technology
 - It's there. Use it!
- Setup the project
 - Let's talk...



More sessions for you

- **Yusef Önkol/MJR:**

Thursday, 9:00 am, Lapham 1

AI behind the scenes at XA customer

Bernecker Group in Mühlacker, Germany



- **Yusef Önkol/MJR and Wil Ramos/Skurka Aerospace:**

Thursday, 8:00 am, Lapham 1

Integration and Workflows with Infor OS



Thank you for attending!

Feel free to ask any questions now
or visit us next days at our booth.

User Group Information

- inPOWER:
 - <https://ibmi.workoutloud.com/Group/inpower/Today>
- XA User Group:
 - <https://ibmi.workoutloud.com/Group/xa/>
- System 21 User Group:
 - <https://ibmi.workoutloud.com/Group/infor-system21-user-group>
- LX User Group:
 - <https://ibmi.workoutloud.com/Group/infor-lx/>