

Technology Partner



eXperts for Microsoft



Competencies

Data Analytics
Application Development
DevOps • Security
Cloud

BizzContact App

Business Contacts
GDPR-compliant
Corporate Backends



Customers

Union Investment
Lufthansa
Commerzbank
DekaBank
KV Hessen
Dachser
Helaba / Helaba Invest
Klüber (Freudenberg)
Giesecke+Devrient
DZ Bank
Deutsche Bahn
Jettainer (Lufthansa)
GIZ

Microsoft Platform – Cloud and On Premises

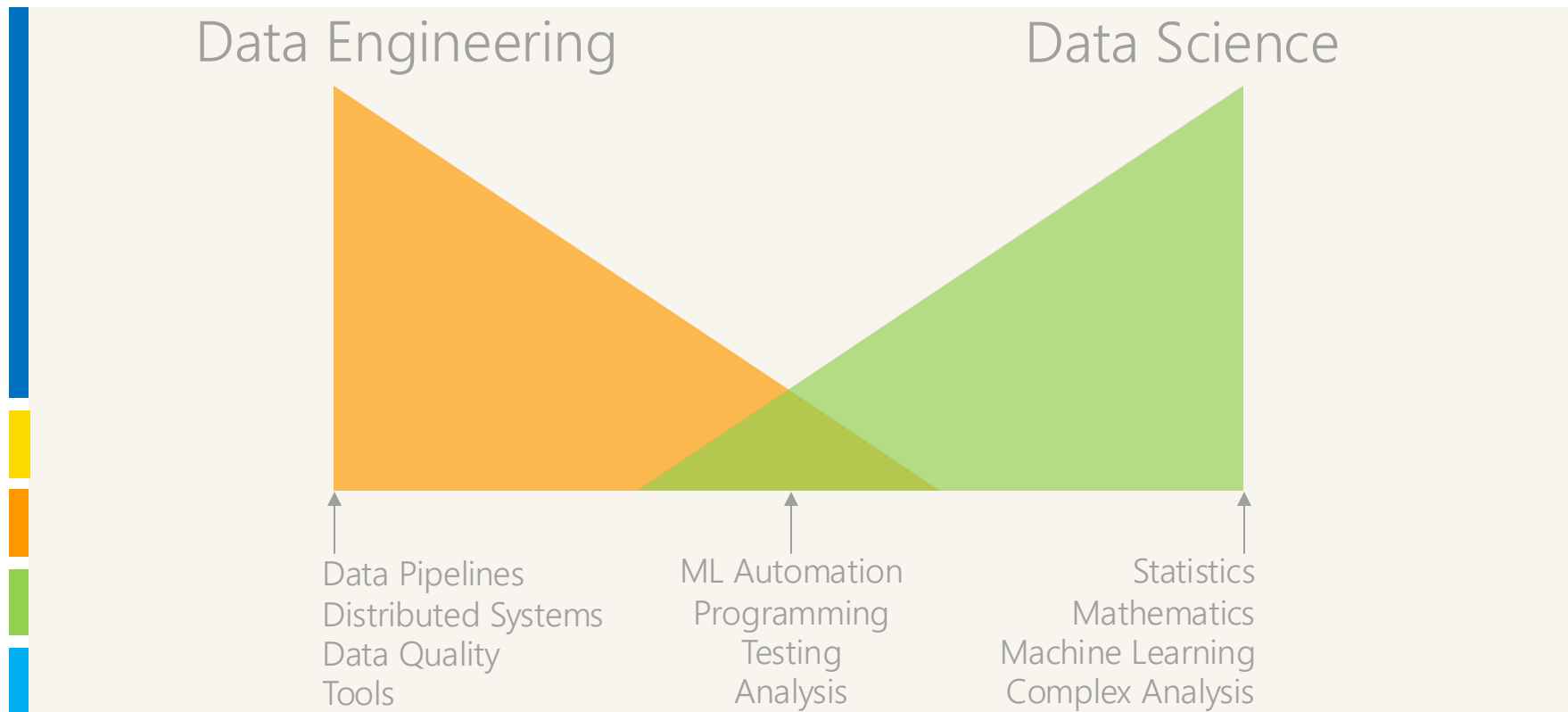
Microsoft 365, Dynamics 365, Azure DevOps
Desktop, Web, Mobile (Xamarin)
Azure Services, Power Platform



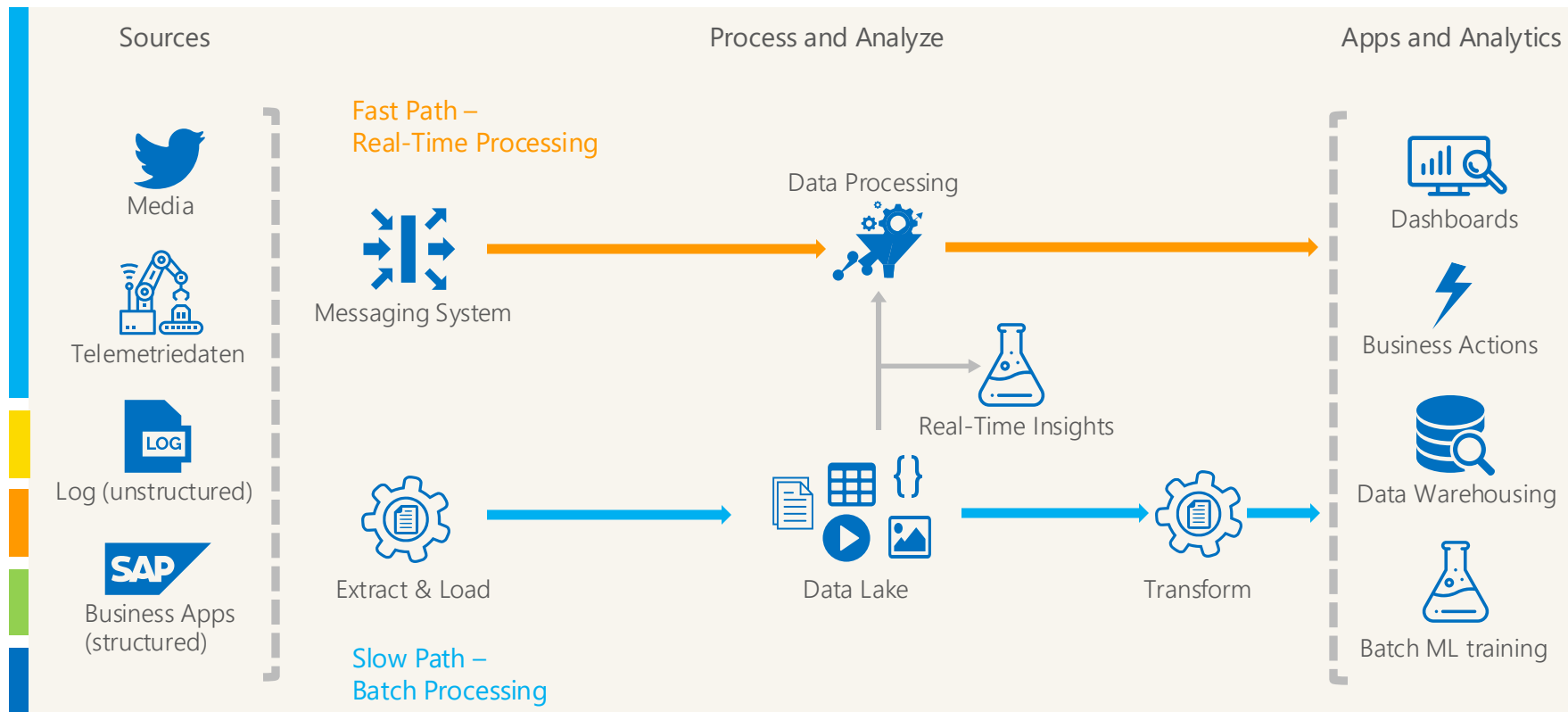
Innovation Services

Modern X-Platform Apps
Modern Web Apps
Data Analytics/ML
Microservices
Digitalisation
Agile with Scrum

Data Analytics



Data Analytics Reference Architecture



Azure Data Analytics Services (Abstract)

Sources

Ingestion

-  IoT Hub
-  Event Hub
-  Data Factory
-  Databricks (Spark)
-  Kafka

Clustering Orchestration

-  Databricks (Spark)
-  Data Factory
-  Oozie

Process and Analyze

Real-Time Processing

-  Stream Analytics
-  Databricks (Spark)
-  Spark
-  Apache Storm

Batch Processing & Storage

-  Data Lake Storage
-  Cosmos DB
-  Blob Storage
-  Databricks (Spark)
-  Data Lake Analytics
-  Spark
-  Delta Lake
-  Hadoop

Intelligence

-  Cognitive Services
-  ML Services
-  ML Studio (classic)
-  Databricks (Spark)
-  Spark
-  Tensorflow
-  scikit-learn
-  mlflow
-  XGBoost
-  Keras
-  PyTorch

Apps and Analytics

Usage

-  Power BI
-  Apps
-  Function
-  Synapse
-  Analysis
-  Tableau*

*commercial

SDX Services

Innovation & Motivation



Format

- Technical Council (2 h)
- Workshop (1-2 days)

Target groups

- Decision Makers, Project Managers, Architects, Developers

Level: 100, 200, 300, 400

Azure Innovation Services

- Clouderization of Web Solutions
- Data Analytics on Azure
- Predictive Analytics on Azure
- Innovative Business Apps with Xamarin.Forms
- Single Page Applications with Angular
- Microservices – Hosting on Azure
- Azure Functions Hands-On
- DevOps/DevSecOps on Azure
- Azure Kubernetes Service
- Security

SDX Services



Data Analytics and Development Projects

- Technology and product selection
- Architecture and platform design
- Implementation and integration of DA solutions und Azure apps
- Azure cost optimization
- Automation (DevOps)

Proof of Concepts, Projects, Staffing

- Analysis → Evaluation → Project → Product
- Additional funding where applicable

Agile Methods

- Iterative implementation using agile methods (e.g. Scrum)
- Your benefit: iterative improvement and short time to market

Workshops,
Briefings,
Showcases

Data Analytics on Azure

- Big Data • Machine Learning • Data Engineering
- Architecture • Hosted on Azure
- Demos (Selection)
 - Market Trend Analysis Using Twitter Data
 - Log Analytics / IoT
 - Scalable IoT Streaming
 - Gaining Insights with Machine Learning
- Motivational Workshop (1.5-2 h, free of charge, Level 100-200)
 - Target Groups: Decision Makers, Project Managers, Architects
- Technology Workshop (1-2 days, chargeable, Level 400)
 - Target Groups: „Techies“

Contact Information



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Innovation. Community. Success.



As a technology partner, SDX is passionate about realizing modern, attractive software powered by first-class architectures, using state-of-the-art and professional methods. Thereby, we achieve sustainable success for our customers, our eXperts and for SDX.

**Our vibrant SDX community ensures
know-how transfer and better software.**

