
🇦🇹 Edition
Databricks Medaillen Architektur in 10 Minuten
Alexander Klein

THANK YOU SPONSORS!

Platinum



Gold









Bronze









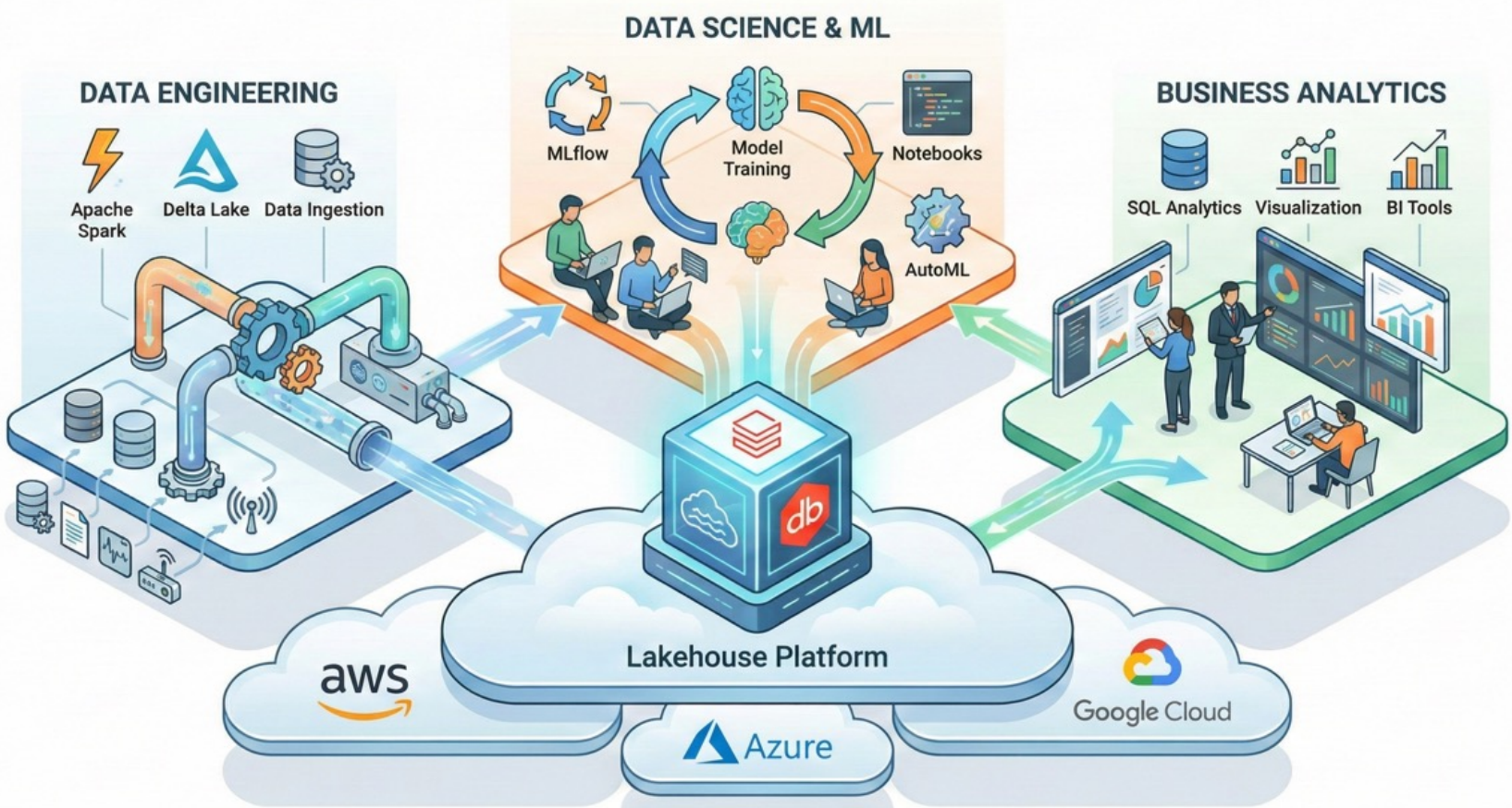
Who am I?

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{
"name" : "Alexander Klein",
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> 20 years experience of SQL Server.
Speaks at national and international conferences
& user groups about Data Warehouse, BI, Azure and AI",
"tags": {
         "BI",
         "SQL Server",
         "Data Warehouse",
         "Azure",
         "AI"
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"twitter" : "@SQL_Alex",
"linkedin" : "https://www.linkedin.com/in/alexander-klein-ai/"
}
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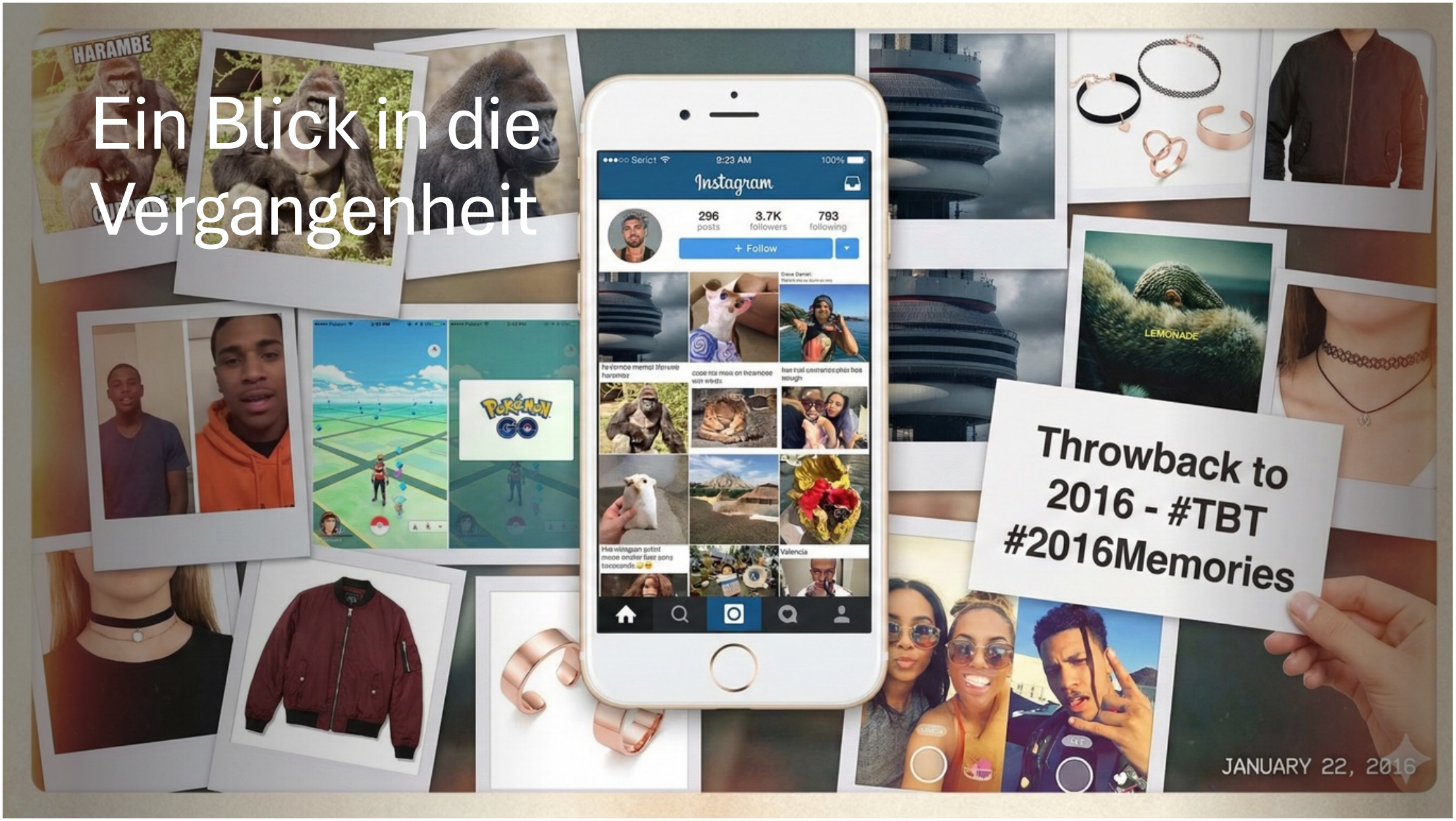


Grundidee: Was ist Databricks eigentlich?



Eine einheitliche Plattform für Daten, Analysen und KI.

Ein Blick in die Vergangenheit

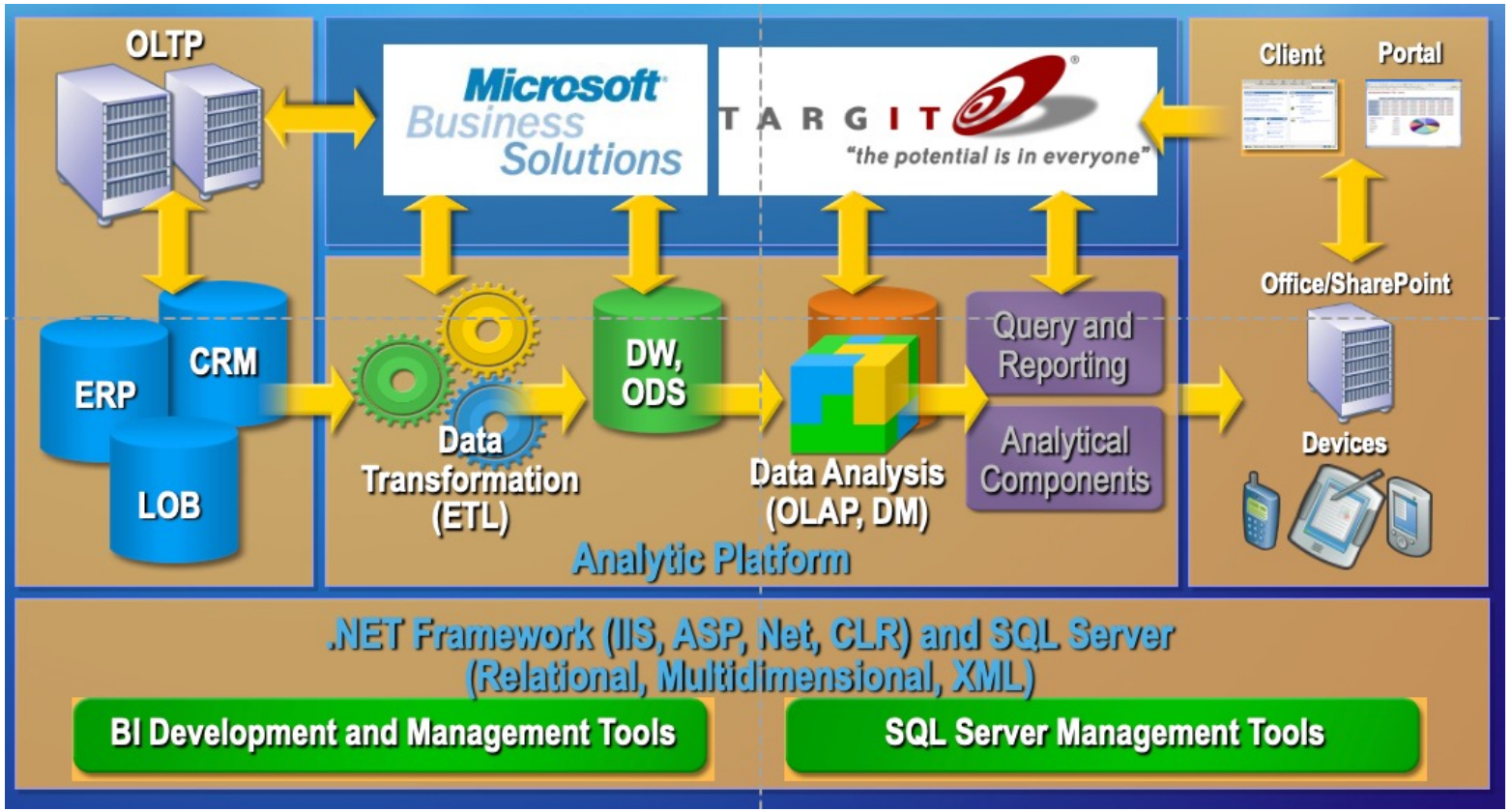

Ein Blick in die Vergangenheit
HARAMBE
Instagram
296 posts
3.7K followers
793 following
+ Follow
LEMONADE
POKÉMON GO
Throwback to 2016 - #TBT #2016Memories
JANUARY 22, 2016



Ein Blick in die
Vergangenheit

2006

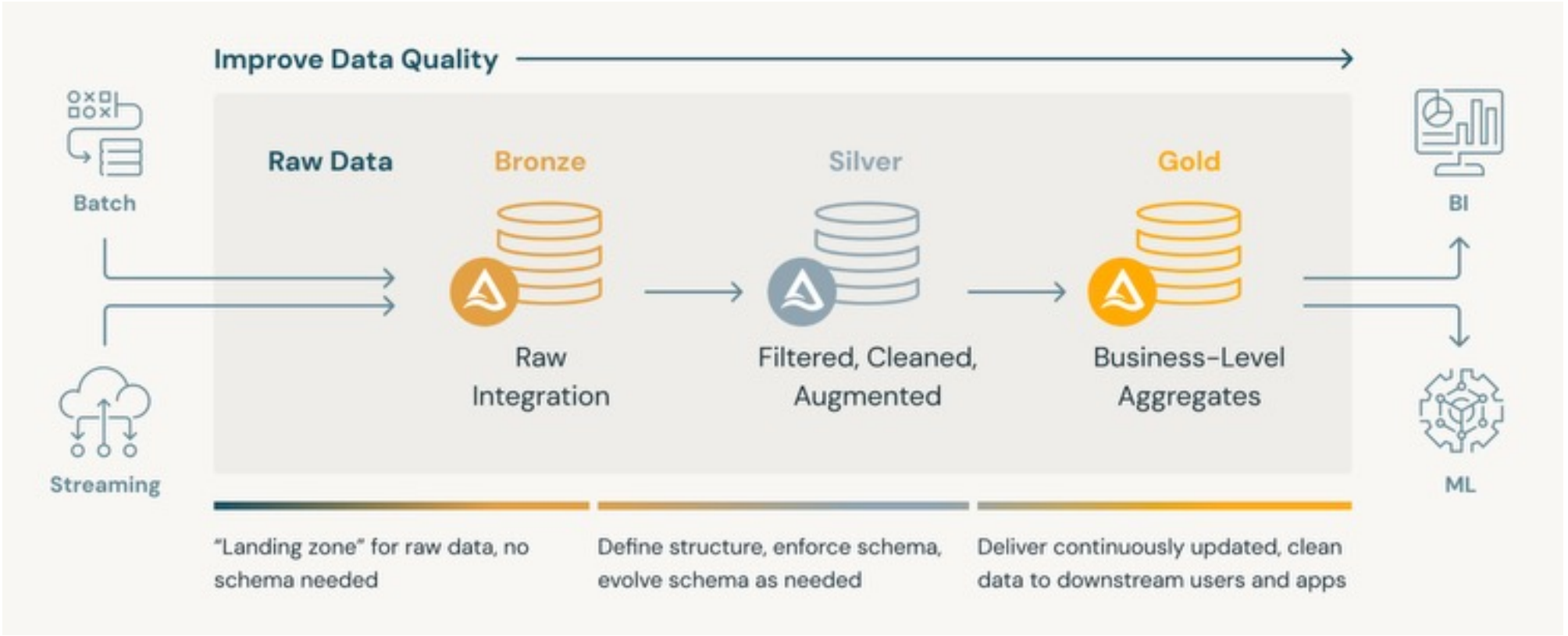
Ein Blick in die Vergangenheit

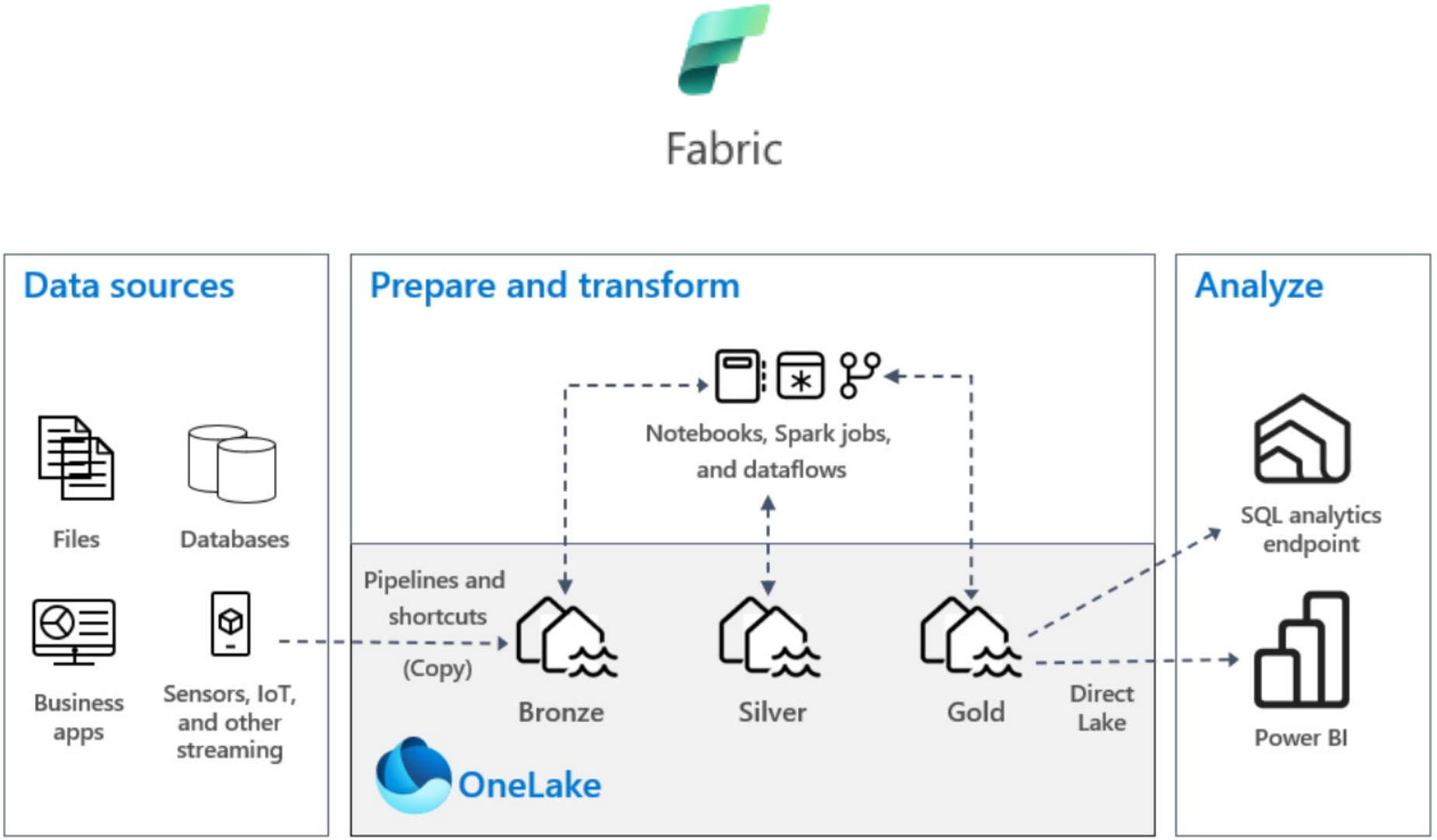



Was ist die Medaillen Architektur?

👷 Was ist die Medaillen Architektur?

Schicht	also known as	Zweck	Datenformat / -struktur	Eigenschaften / Verarbeitung
🥉 Bronze	Staging, Landing, Ingestion, Extraction	Rohdaten ingestieren	Unverarbeitet, evtl. semi-strukturiert	Append-only, keine Transformationen
🥈 Silver	Storage, Core, Transformation, Integration	Bereinigung & Normalisierung	Typisierte Tabellen, bereinigt	Dedupliziert, validiert, join-fähig
🥇 Gold	Presentation, Business, Serving	Reporting & Geschäftslogik	KPIs, Aggregationen, Views	Business-Logik, optimal für BI-Tools


databricks
Improve Data Quality
Batch
Streaming
Raw Data
Bronze
Silver
Gold
Raw
Integration
Filtered, Cleaned,
Augmented
Business-Level
Aggregates
BI
ML
"Landing zone" for raw data, no schema needed
Define structure, enforce schema, evolve schema as needed
Deliver continuously updated, clean data to downstream users and apps


Fabric
Data sources
Files
Databases
Business apps
Sensors, IoT, and other streaming
Prepare and transform
Notebooks, Spark jobs, and dataflows
Pipelines and shortcuts (Copy)
Bronze
Silver
Gold
Direct Lake
OneLake
Analyze
SQL analytics endpoint
Power BI



Bronze

🥉 Bronze




Bronze
Figlmüller
WIEN



Silver

Silver



Silver



Silver





Gold

🥇 Gold





Feedback

