W5 Consulting

PEOPLE

We integrate ourselves into your culture, and form relationships to find and implement the best solution for you.

PROCESS

We capture your current-state processes and compare them to your business drivers to design the proper future state.

TECHNOLOGY

After understanding your people and process, we *then* identify the right technical solutions for your specific needs.
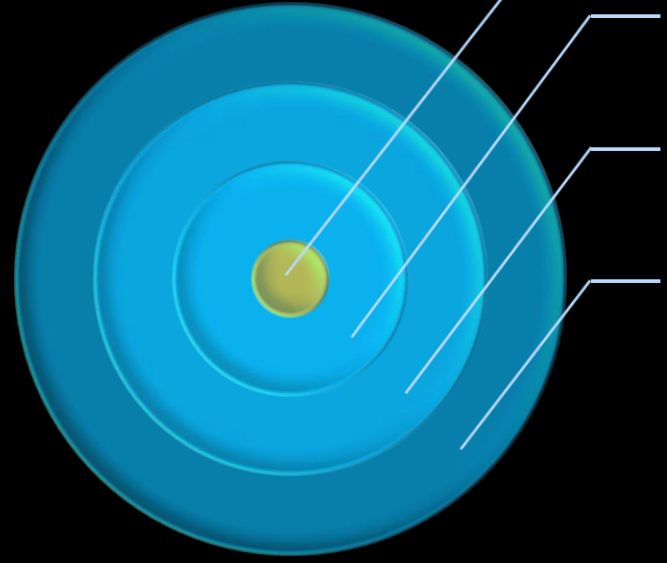
SAP Platinum Level Consultants

Why W5

We do the things that are hard to do

We focus on needs not wants in the complete Digital Journey

We are a single source solution integration\implementation company

We are a driving force with you to win the business

WE ARE EXPERTS IN ENTERPRISE APPLICATIONS, BUSINESS PROCESSES, AND SAP

PEOPLE, PROCESS, & TECHNOLOGY — IN THAT ORDER

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| info@w5consulting.com | www.w5consulting.com | 303.390.1018

In order to be the GOAT… you have to do Goat things.

Modern Data Challenges

Integrate — Seamlessly integrate sources like SAP S/4HANA with multiple different data sources

Interface — Provide uninterrupted access to key data feeds

Maintain — Maintain consistent, reliable access to data for reporting and invoicing

Reduce — Further reduce costs by modernizing without introducing new virtual machines (VMs)

Perform — Perform the modernization within extremely short timeframes, therefore without introducing new on-premises environments, which would cause project delays

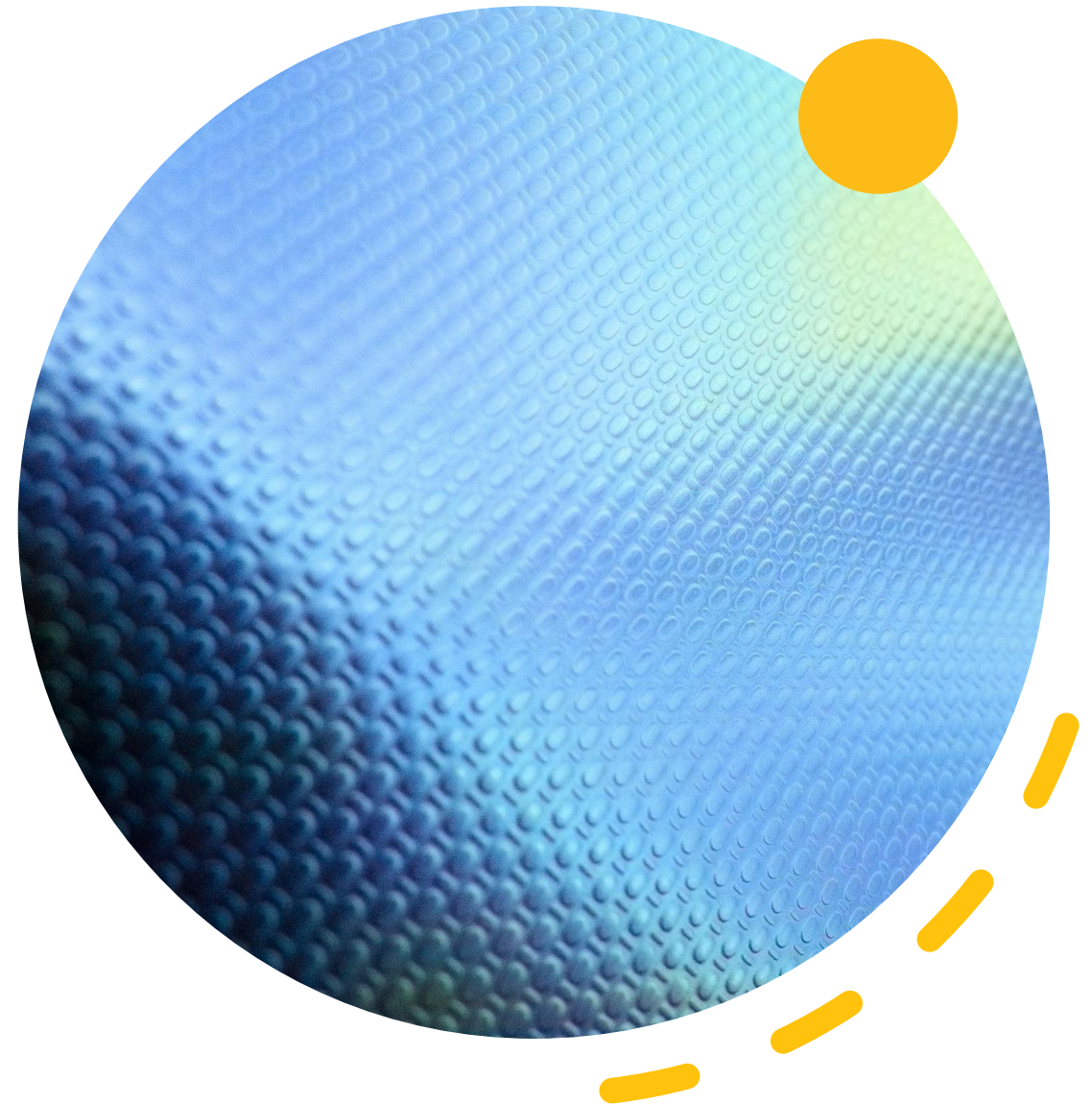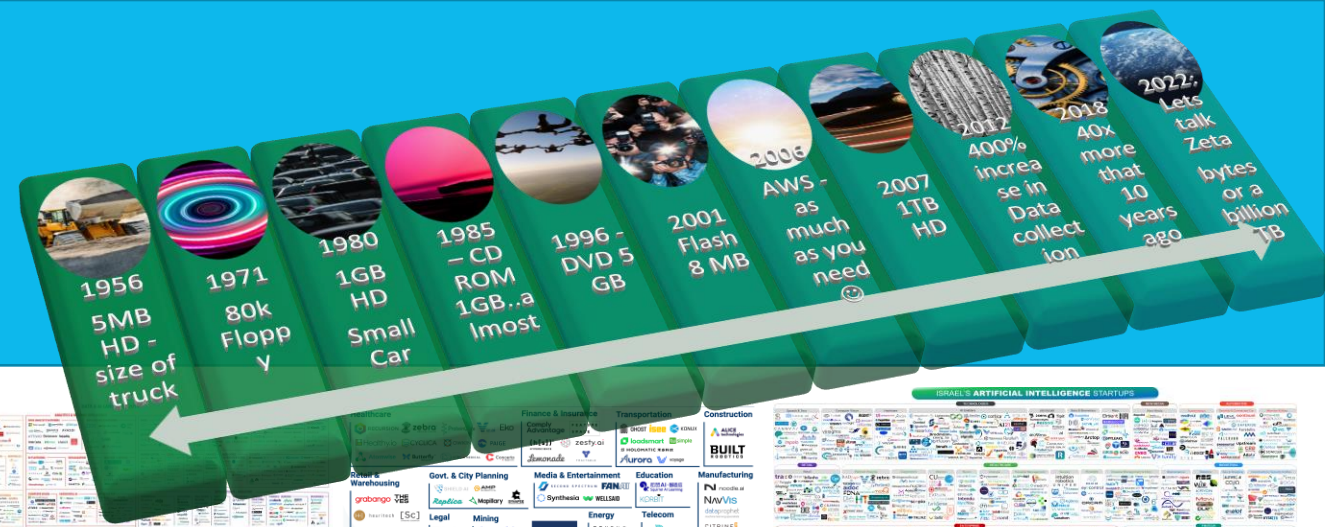**Truth** — Single Source of truth for all data
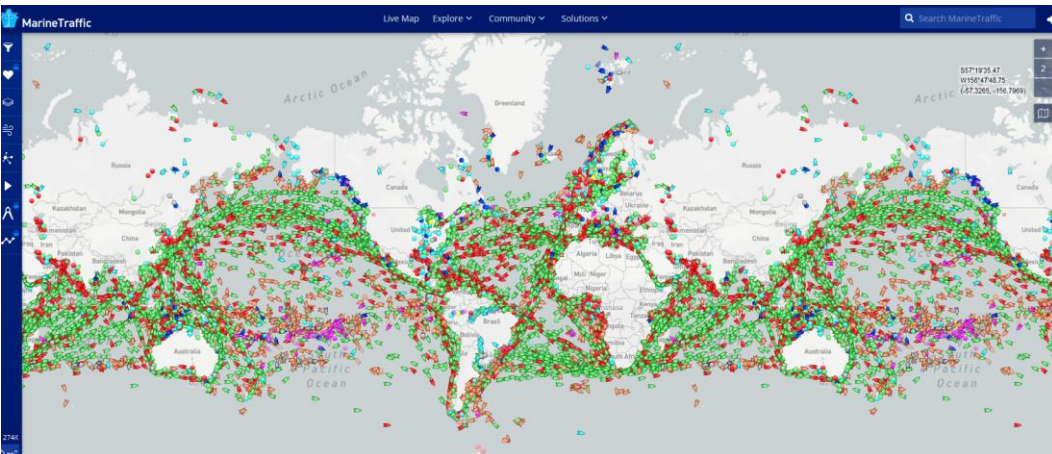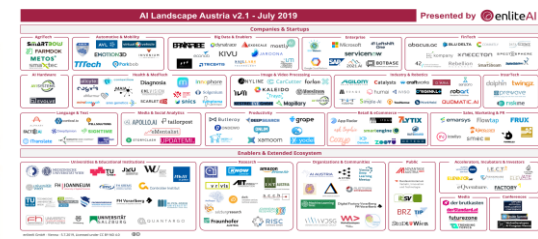
Secure — Secure your PII (Personal Identifiable Information) : GDPR CCPA, ITAR

Sources and Volume of Data

55,000 ships X 2000 containers X 1000 products (average)

110 Billion products every day X 100 fields

10 trillion records
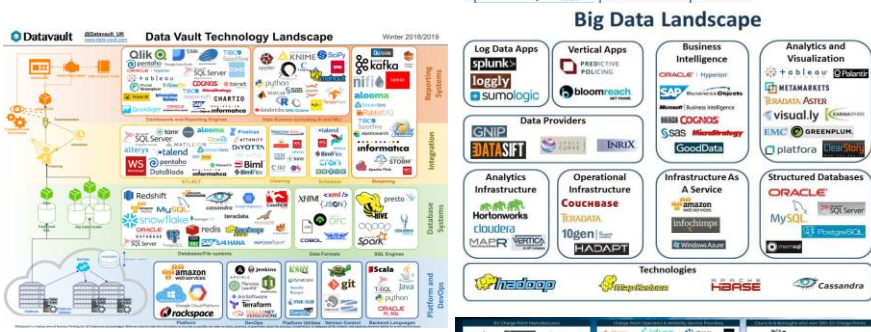
*0% of all good carried by sea

1.85 billion metric tones

55 thousand container ships

From 1980 to 2020 growth was 11 million tones to 275 Million tones or 2400%. In 2019-2020 The volume of maritime trade slumped by 3.8 per cent in 2020 to a total of 10.6 billion metric tons.

Fixed Database architecture: **Current SAP Deployment method for DATA**

SAP S/4 HANA

Development
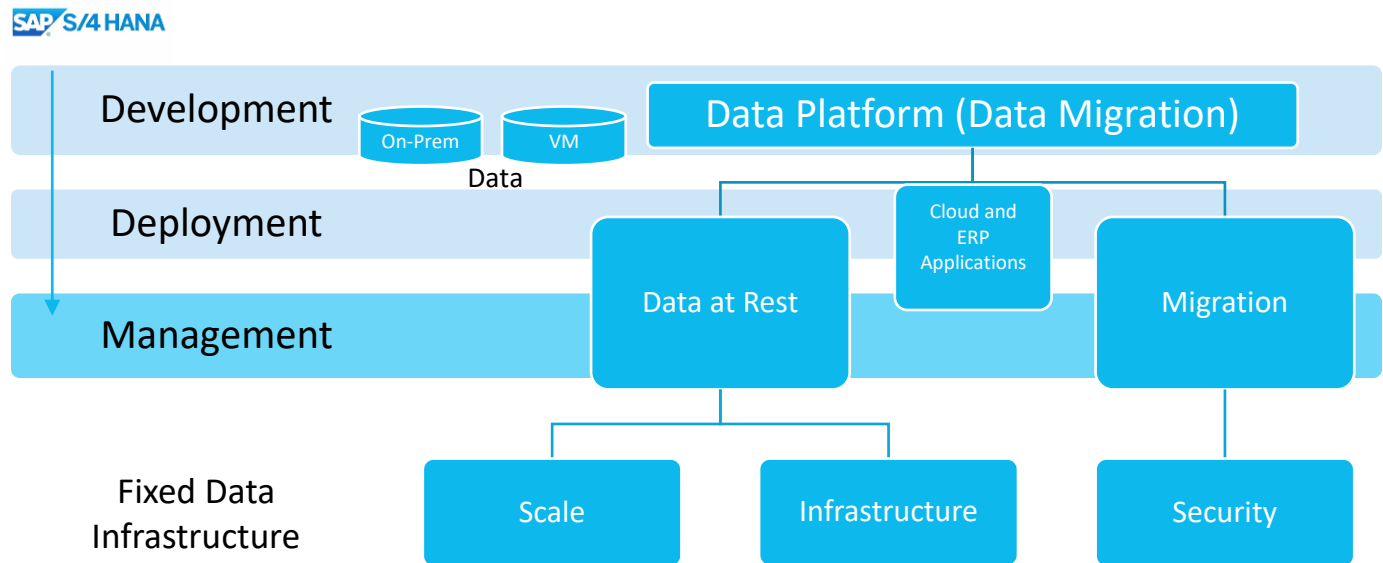
On-Prem | VM
Data

Deployment

Management

Data Platform (Data Migration)

Data at Rest

Cloud and ERP Applications

Migration

Scale | Infrastructure | Security

Fixed Data Infrastructure

Before **Traditional EDW**

Legend
- Fixed Data
- Agile Data
- Mixed Data
- Progressive Data Change

Cost of Data:
1. On-premise or VM data architecture/DB that requires high cost per GB for unutilized or unneeded data at rest.
2. Management of DB infrastructure, access, security and compliance issues.
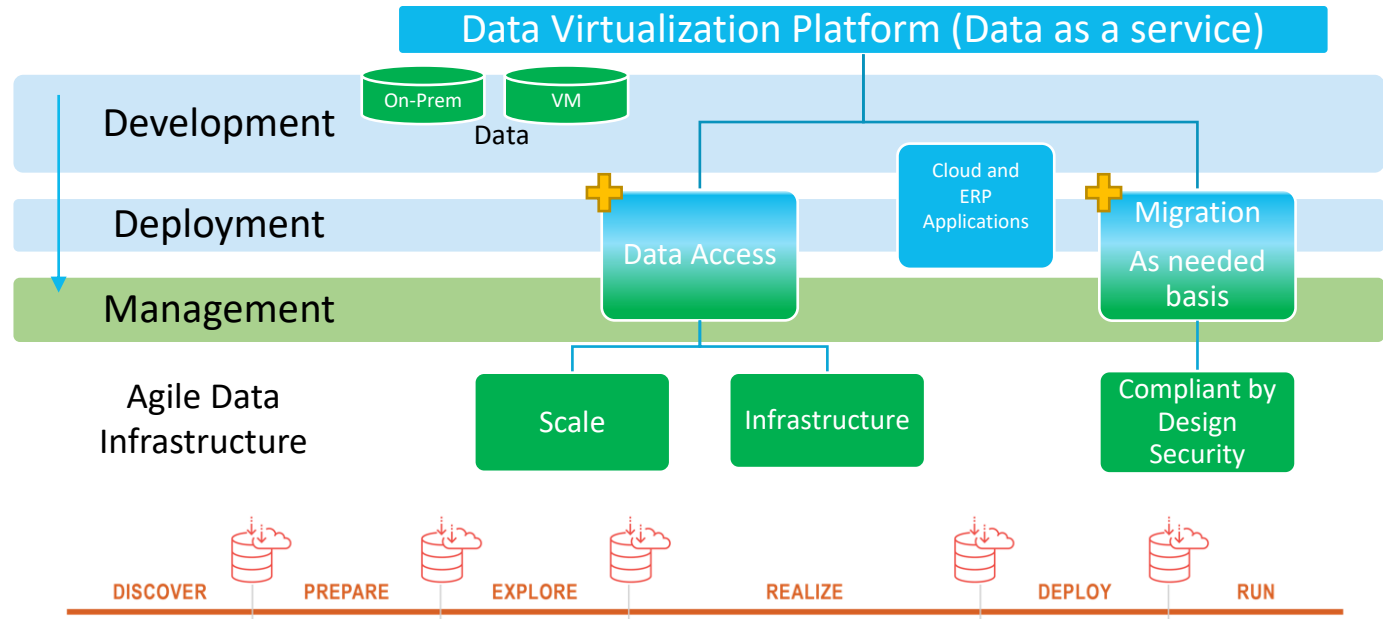3. Fixed data architecture.

Sources of Data:
1. EDW data
2. BW data
3. HANA data
4. 3rd party data
5. Interface data
6. Integration data
7. Compliance audit data
8. User Roles (data)
9. Management of data
10. Security data
11. Latent data
12. Data Growth
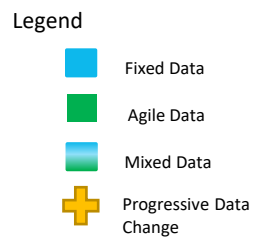
Cost of data 10X: 90% throw away or shelf data

Data Virtualization
Agile Database architecture: **New SAP Deployment method for DATA**

Data Virtualization Platform (Data as a service)

Development

On-Prem | VM
Data

Deployment

Management

Data Access

Cloud and ERP Applications

Migration
As needed basis

Scale | Infrastructure | Compliant by Design Security

Agile Data Infrastructure

DISCOVER | PREPARE | EXPLORE | REALIZE | DEPLOY | RUN

After **LDW (Logical Data Warehouse)**

Benefit:
1. Using Data Virtualization to reduce unnecessary transition time, data costs, infrastructure and security management.
2. Natural by design security compliance for (PII) Personal Identifiable information
3. Maintaining access to centralized infrastructure and consolidated data analytics.

Sources of Data:
1. Data Virtualization Platform
2. HANA

Benefit of data: True real time, Agile, Organic
Security of PII: Audit resilient/Compliant by design

W5 End to End Provider

W5 is YOUR complete Implementation System Integrator with Data Virtualization

Data				
Solution				
SAP				
Analytics				
Support				
DevOpps				

Data Virtualization	Financial Transformation	SAP S/4 HANA	Supply Chain	Inventory Management
SAP Sales Distribution	SAP I/S Oil and Gas	Commodities Management	SAP Agriculture	Data & Application Migrations
SAP Implementations	SAP Analytics	Business Intelligence	Cloud & On-Premise	Data Warehouse Design
Data Quality & Cleansing	GDPR and Data Privacy	Managed Services	DevOpps	Master Data Management and Governance

Common Current Data State Architecture

The same data at rest resides in a minimum of three data storage areas, 3 different management systems, 3 different security concerns