



What Actually Changes: Why AI Breaks Traditional Data & Platform Assumptions

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Smart Risk-Taking
vs
Siloed Experimentation

AI Without Strategy
=
Expensive Guessing

The Reality of the AI Terrain

15%

**AI initiatives
made it to
production last
year**

1:3

**Ratio of AI
investments to
'rework' costs**

90%

**Preventable
enterprise AI
hallucinations
are not failures
of AI logic**

What actually changes in the AI era?

Analytical Era Usage

Processed for metrics & reporting

Aspects

Data Type

Structured, semi-structured, unstructured data

AI- ready data

Multi-model pipelines, vectorized data assets

Operational AI Era Usage

Natively consumed for foresight

Metadata & Context

Technical, Operational & business metadata
Lineage & context

Semantic layer, prompt context management

Explicit semantic context & agent action

Data Reliability & Governance

Data Quality, reliability, access control, compliance

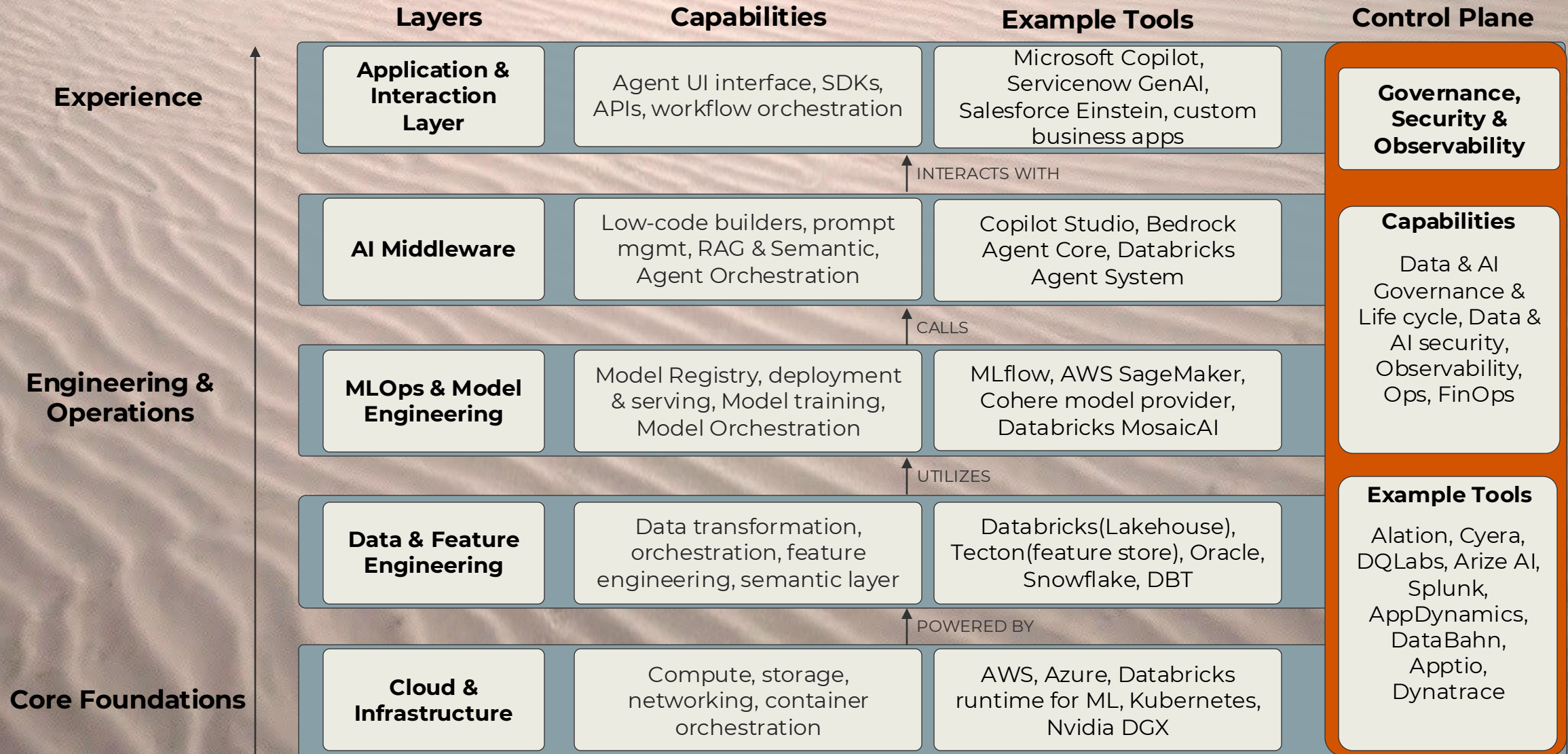
Bias detection, model drift, automated PII masking

Automated validations & inference controls

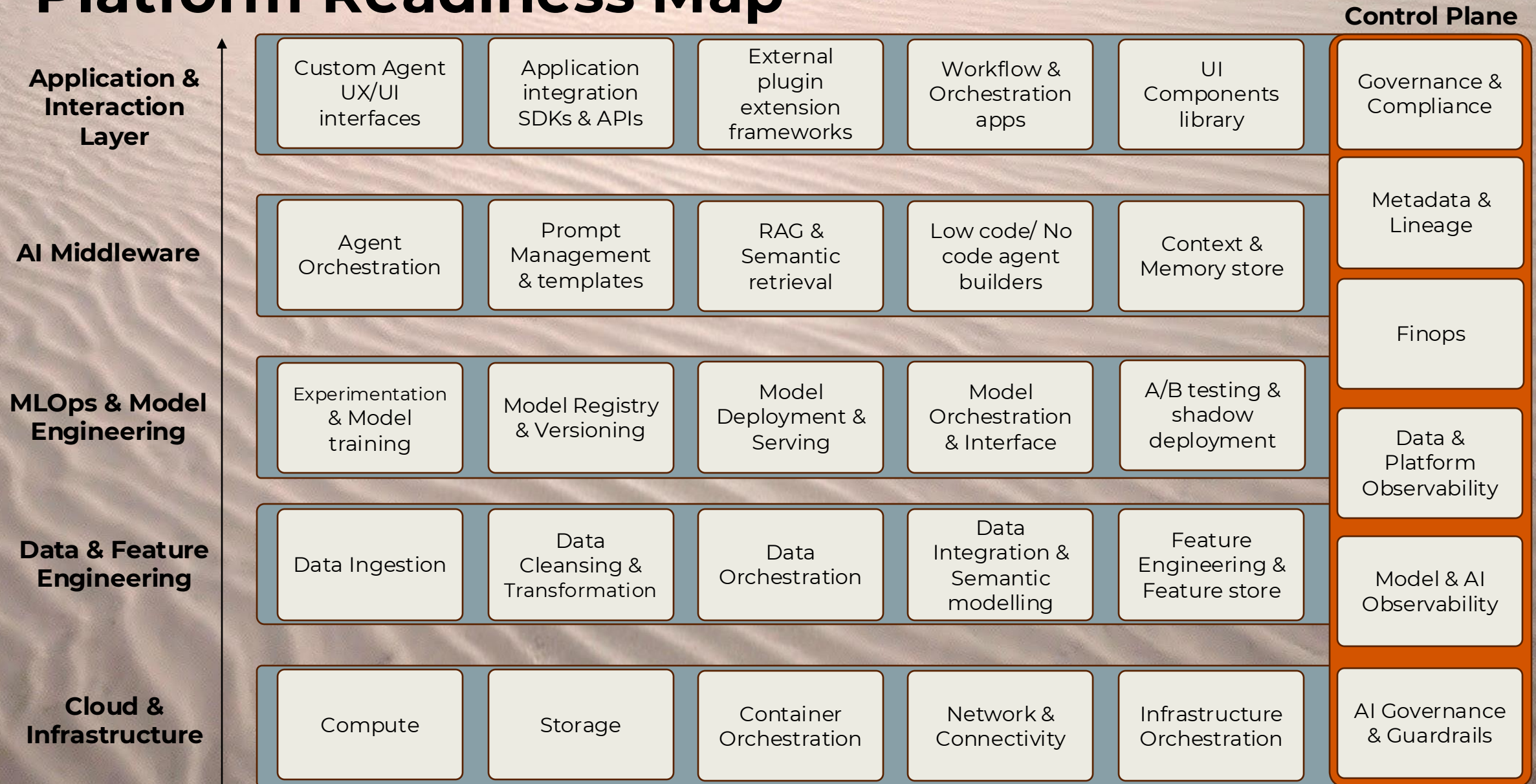
Compliance, PII protection & accuracy

Implicit business context

AI Tech Stack Framework



Platform Readiness Map



Mapping the Terrain to Impact



Rugveda Gawade
Data Visionary



1. Prioritize

Select your top 3
high value AI
initiatives

Solves: Strategic drift &
Resource dilution

2. Map

- Map them against
- AI-ready data checklist
 - The AI tech stack
layers

Solves: AI readiness

3. Execute

That's your roadmap
Bridge the gaps

Solves: Shadow AI &
guessing

The difference between
AI chaos and AI Impact is
preparation

90% of preventable
enterprise hallucinations
are **data readiness
failures**

The aspects of data
readiness haven't
changed; **the consumer
has**