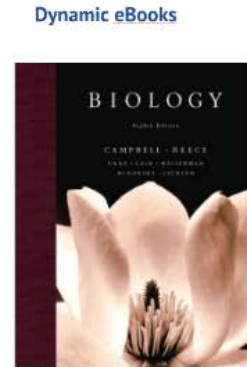
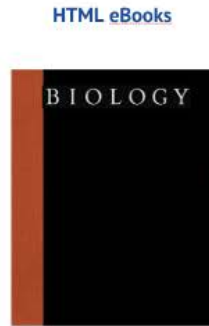
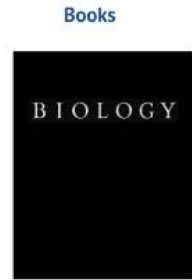


**ALWAYS  
LEARNING**

# Media Evolution at

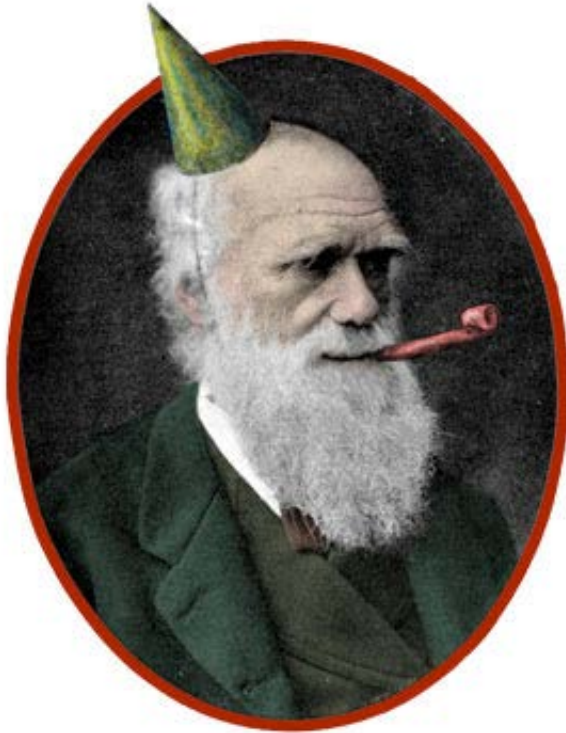


content efficacy  
usage tracking  
learning standards



# Linked Data in Education: a natural selection

Madi Solomon, Director of Semantic Platforms & Metadata

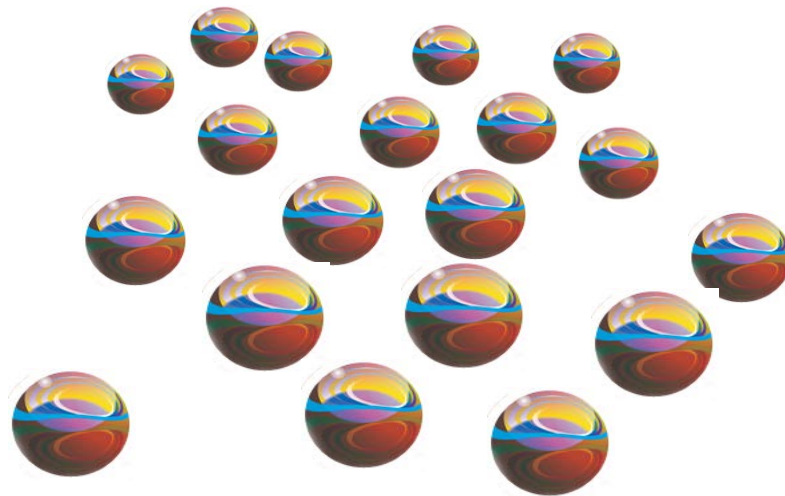


To support  
learning, we need  
not more of the  
same data, but  
different kinds  
of data

## Transforming to a data and evidence based education company

Theme	Question description
1 Learning science	How can we apply the insights from cognitive and developmental psychology, neuroscience, and behavioural science design and deliver learning appropriate for all learners and at different stages of development?
2 Knowledge and skills	What should learners, at different stages of education, know, understand and be able to do, and to what standard, in order to maximise further progression in learning and work?
3 Pedagogy and educator quality	How can we develop, at scale, teachers and leaders with the capabilities to deliver intended learning outcomes through best-practice pedagogy?
4 Measurement and assessment	How can we develop the means of assessment and measurement of cognitive interpersonal and intrapersonal education outcomes that matter in the 21st century?
5 Digital and adaptive learning	How can we harness digital technologies, analytics and adaptive learning tools to enable personalised learning that leads to demonstrably improved outcomes?
6 Institutional improvement	How can we ensure the efficiency of education institutions to support improvement for all?
7 System reform and innovation	How can whole system reform and systemic innovation be designed and implemented in order to support organisational improvement to scale?
8 Access for all	How can we assure that access and equity are embedded throughout our entire research agenda?

# Learning Planes

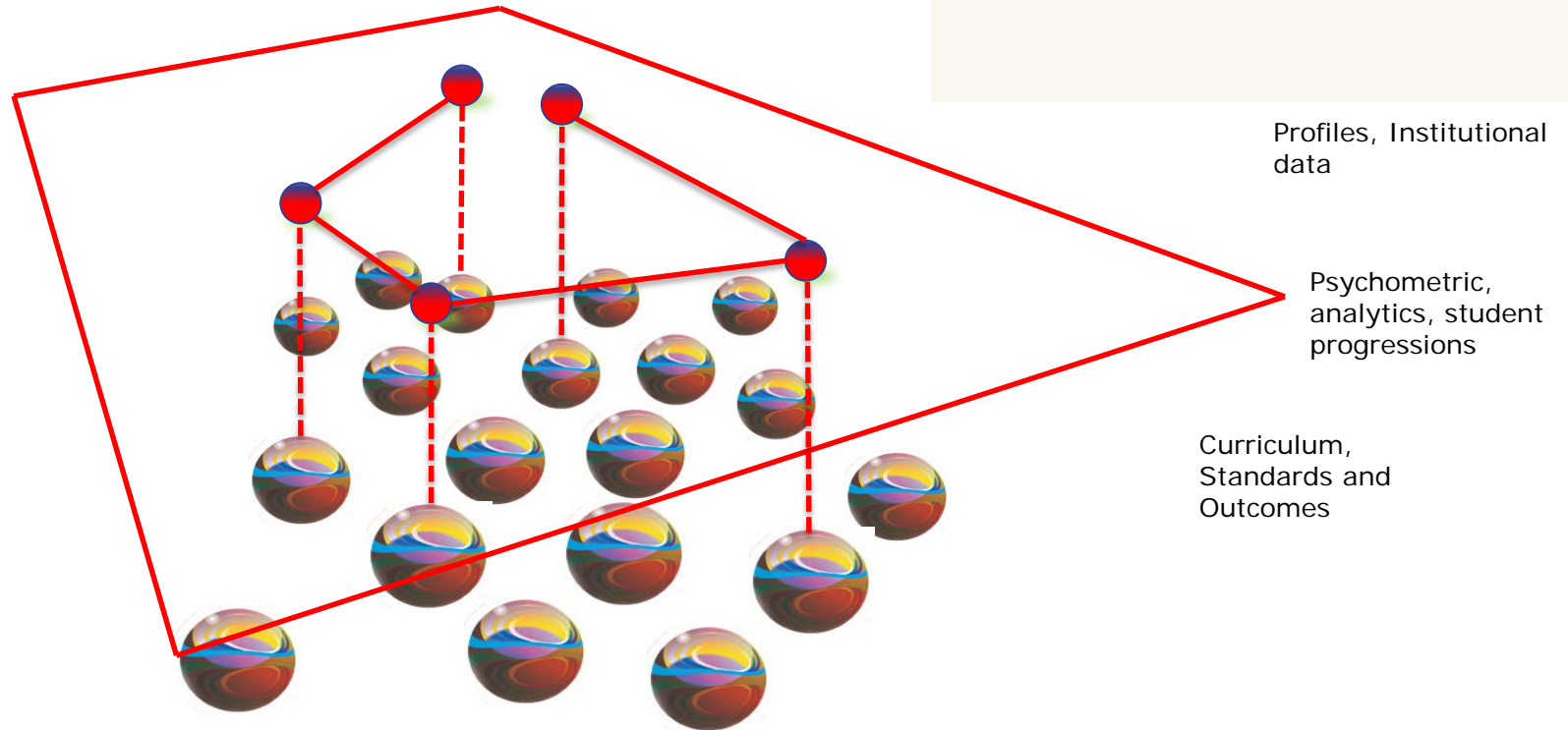


Profiles, Institutional  
data

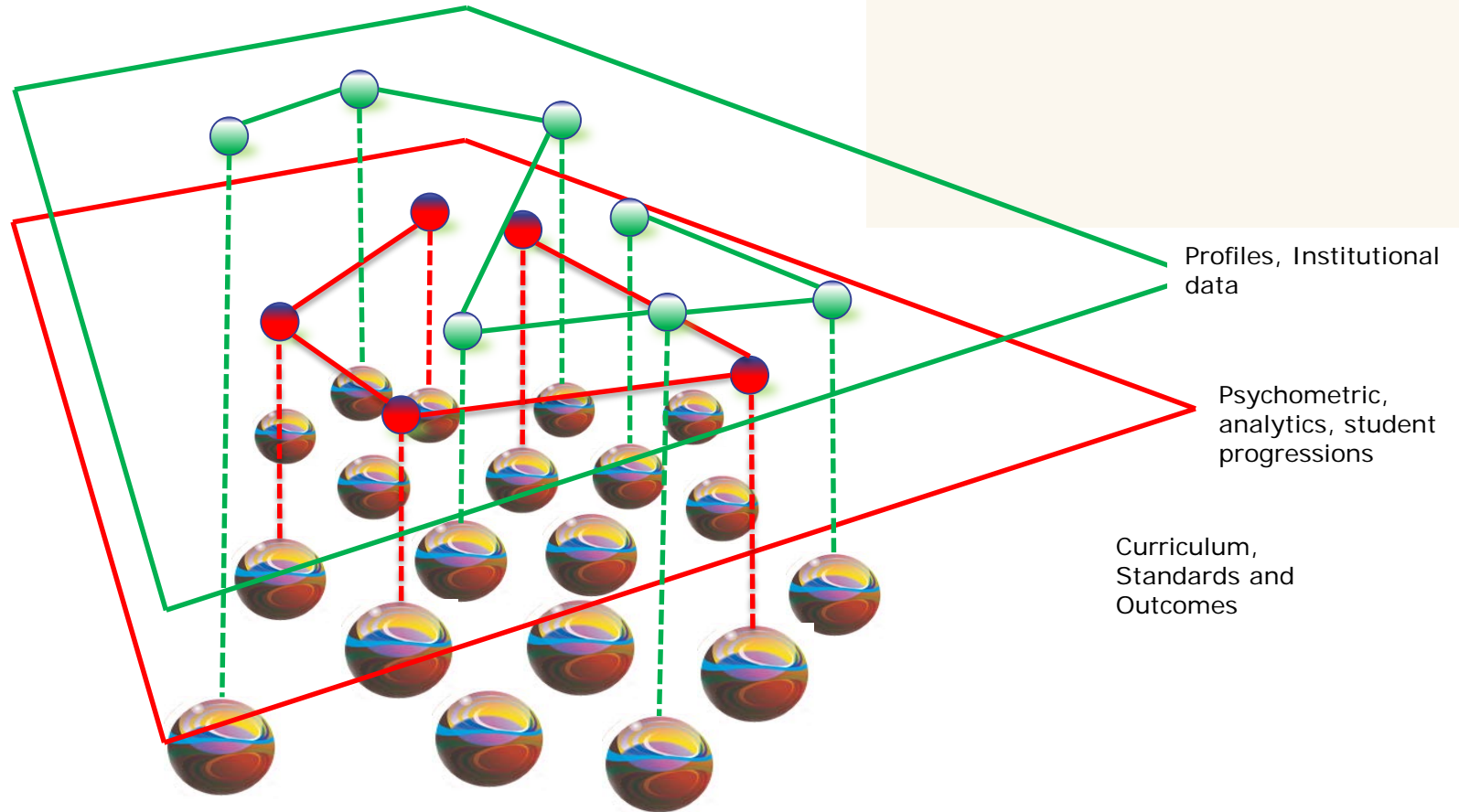
Psychometric,  
analytics, student  
progressions

Curriculum,  
Standards and  
Outcomes

# Learning Planes

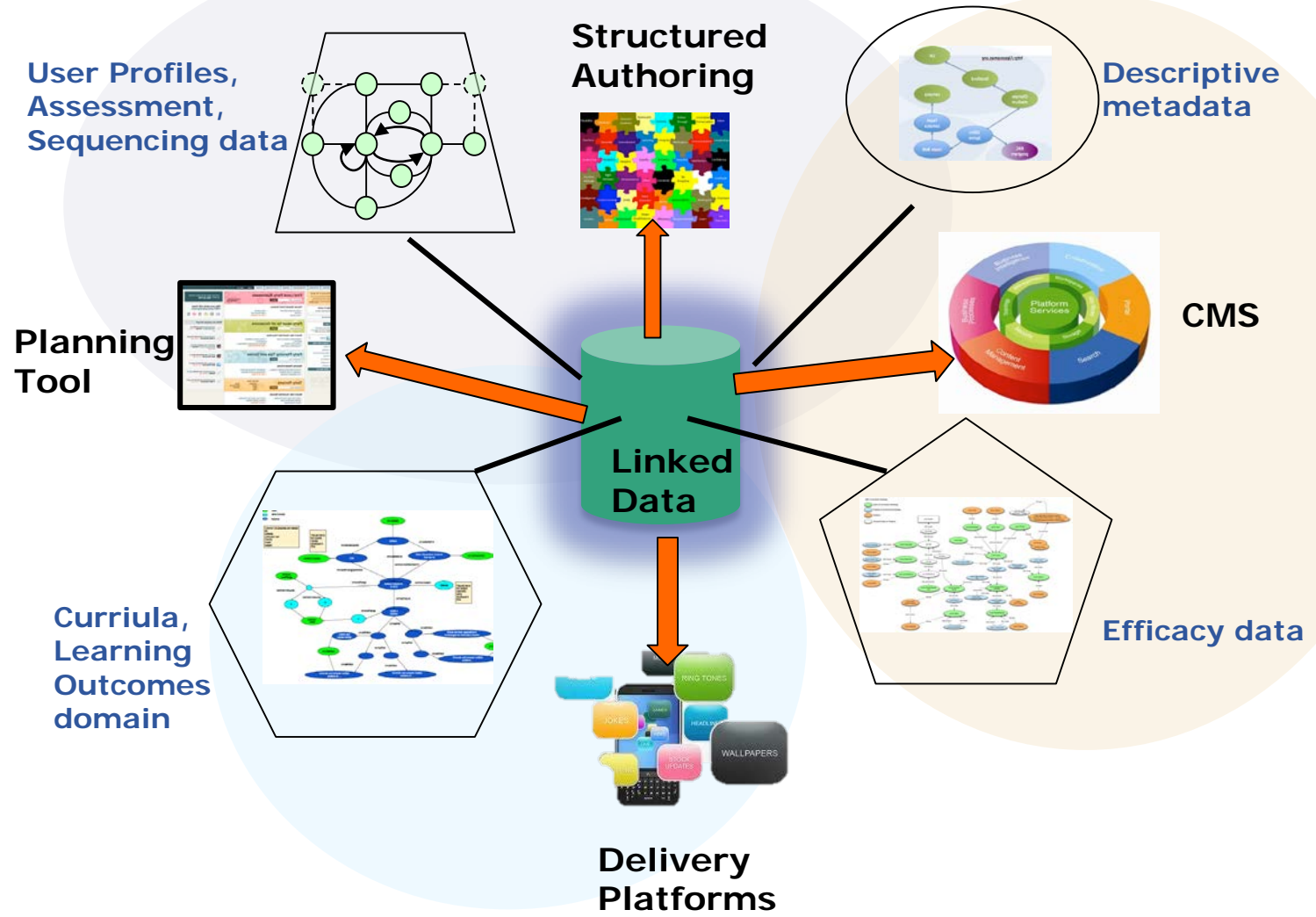


# Learning Planes



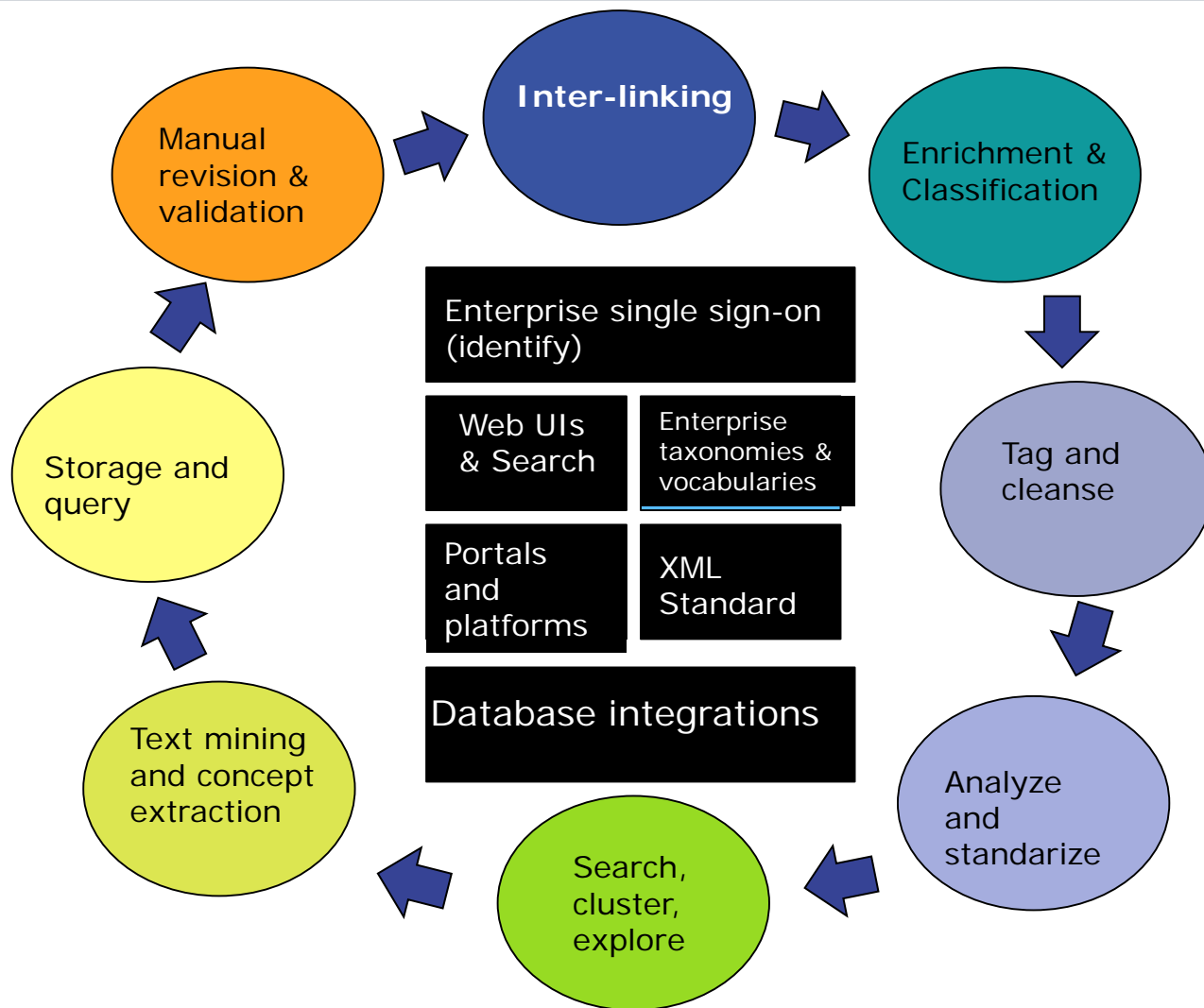
# Semantic Platforms is an integrator

Linked data is a domain-model approach that interconnects data between systems, repositories, platforms, databases, without disrupting the source systems.

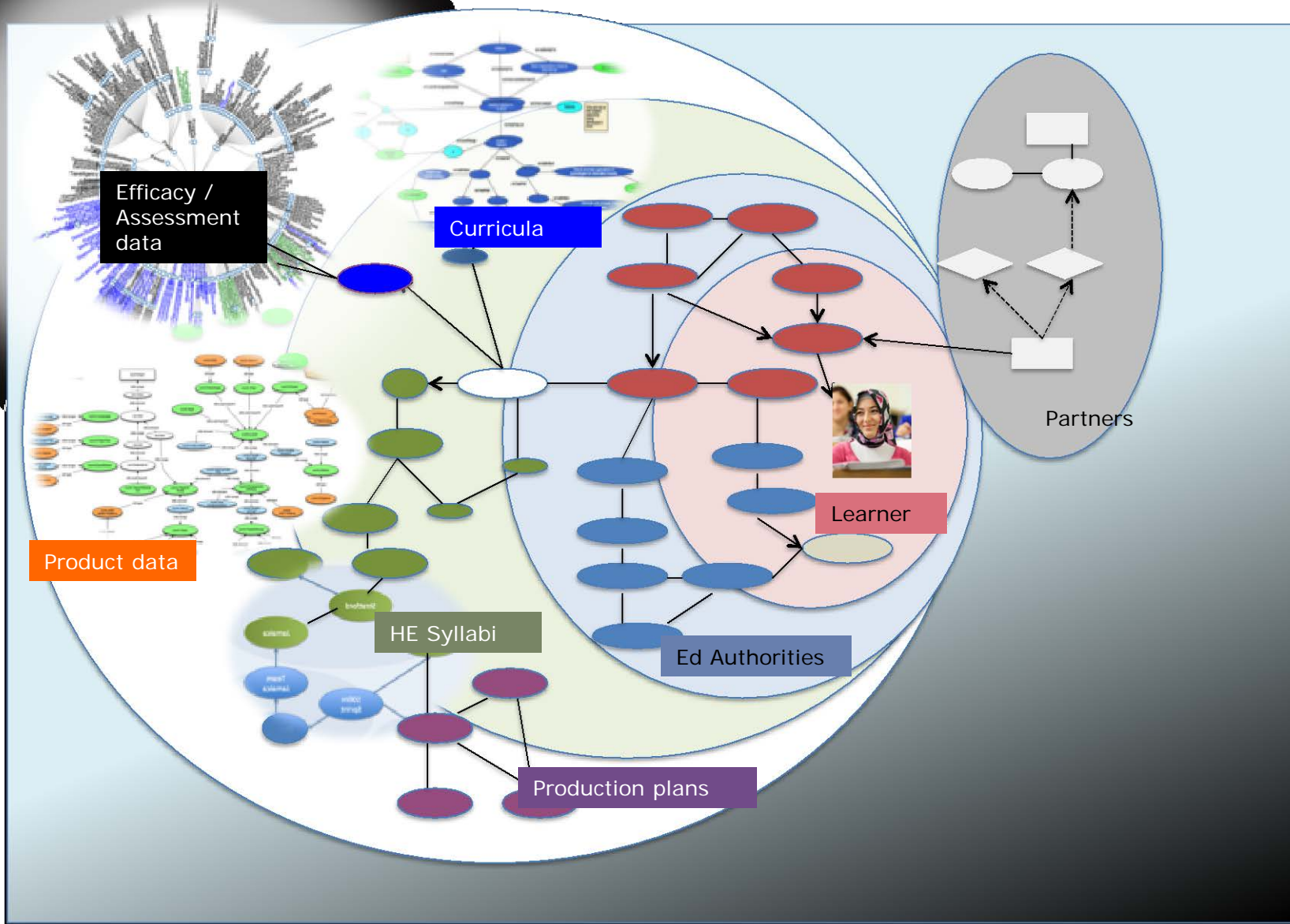




# How? Provide mechanisms that quickly transform static (★★)data to a knowledge network(★★★★★)



# Mock Domain Model



# Where we are today...

[Madi.Solomon@pearson.com](mailto:Madi.Solomon@pearson.com)

Director, Semantic Platforms & Metadata  
Enterprise Architecture & Core Platforms  
Pearson plc

80 Strand  
London, WC2R 0RL

