future of citizen services

WMC 2/3/15

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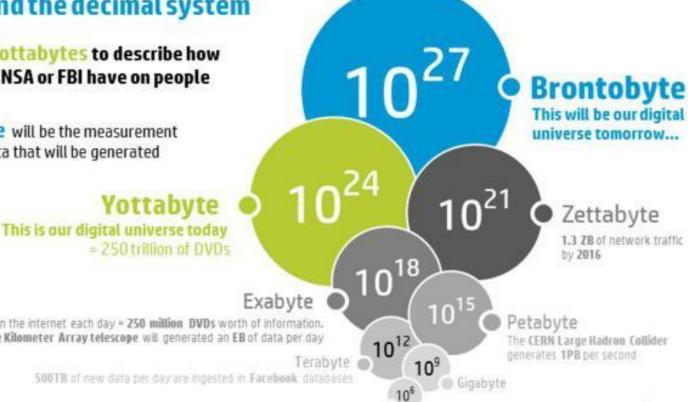


Information from the Internet of Things:

We have gone beyond the decimal system

Today data scientist uses Yottabytes to describe how much government data the NSA or FBI have on people altogether.

In the near future, **Brontobyte** will be the measurement to describe the type of sensor data that will be generated from the IoT (Internet of Things)



1 EB of data is created on the internet each day = 250 million DVDs worth of information. The proposed Square Kilometer Array telescope will generated an EB of data per day

500TB of new data per day are ingested in Facebook databases



THE

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SAMR (Puentedura)

Redefinition

Tech allows for the creation of new tasks, previously inconceivable

Modification

Tech allows for significant task redesign

Augmentation

Tech acts as a direct tool substitute, with functional improvement

Substitution

Tech acts as a direct tool substitute, with no functional change

Transformation

Enhancemen

efficiency personalisation co-creation







personalisation

- Data
- Resources
- Testing
- Presentation

personalisation

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- Presentation

- Big data
- Adaptive testing
- Flipped learning

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- Collaborative learning
- Peer feedback
- Teacher assessment

personalisation

Pedagogic change

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efficiency

personalisation



Thank you

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