

Data, Wonder and the Story of You

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Who are you?



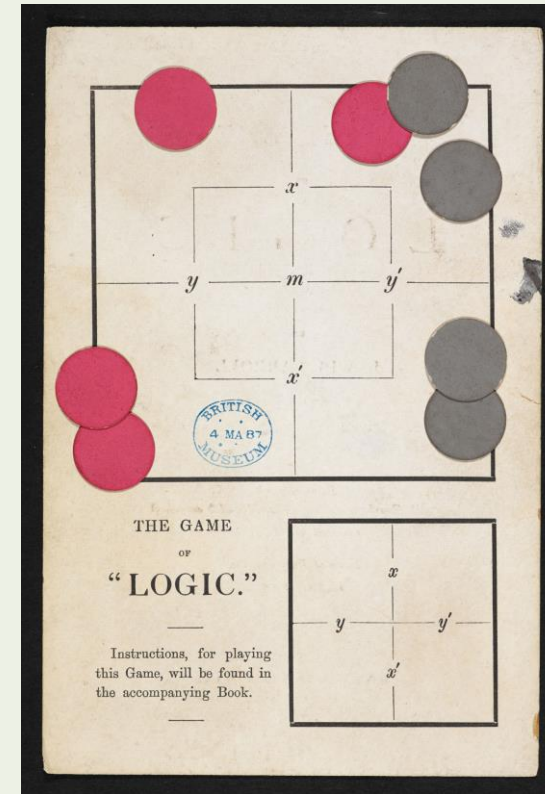
https://youtu.be/Jh0k8q_OXzA?t=1m45s



Lewis Carroll the Mathematician



By Oskar Gustav Rejlander (1813? - 1875) [Public domain],
via Wikimedia Commons



<https://www.bl.uk/collection-items/lewis-carrolls-the-game-of-logic>

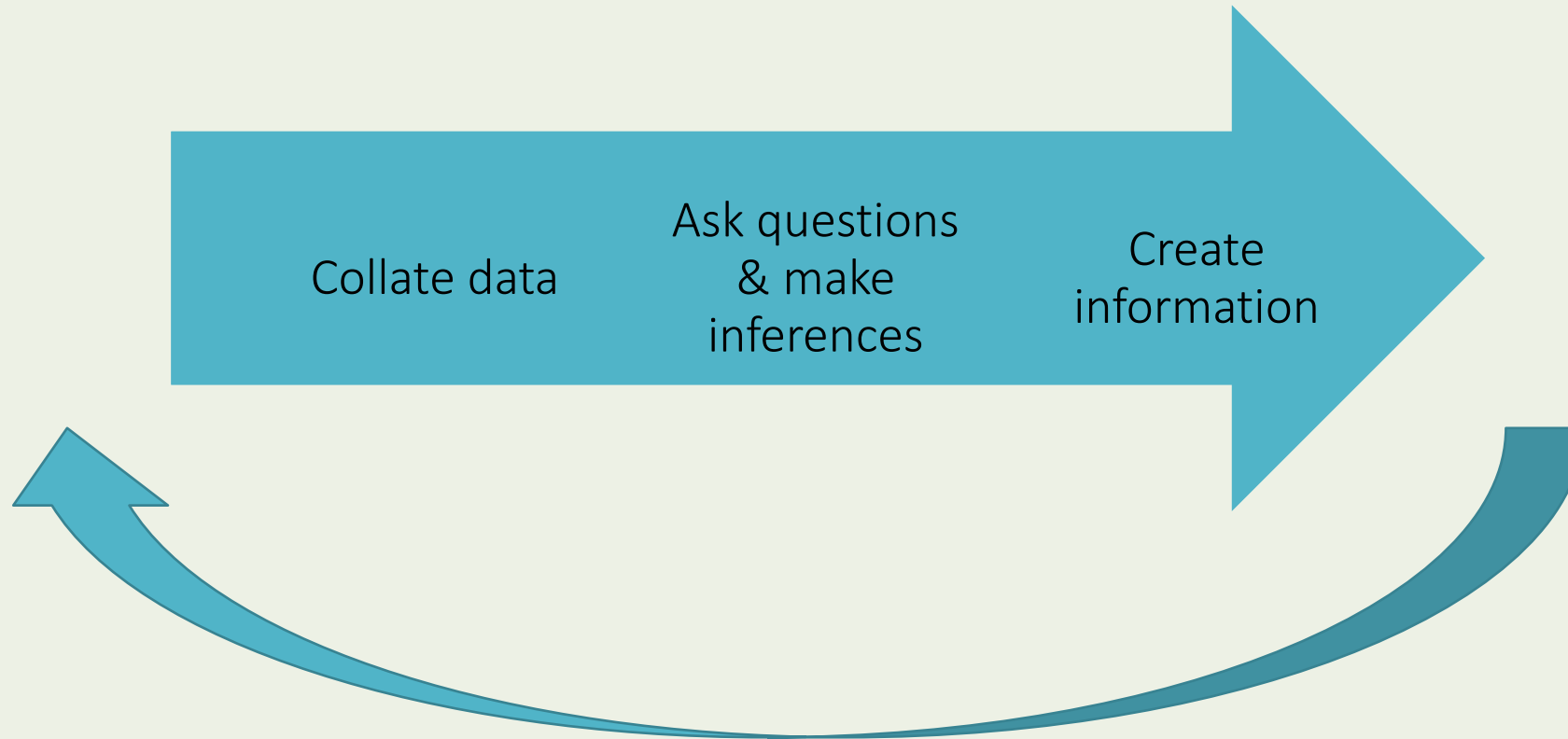


Activity – Logic Grid Puzzle

	Paulsen	Marten	Eirich	Linden	Schneider	Writing	Statistics	Geometry	Quantum Theory	Physics	Academic	Modern	Advanced	Introductory	Theoretical
Monday															
Tuesday															
Wednesday															
Thursday															
Friday															
Academic															
Modern															
Advanced															
Introductory															
Theoretical															
Writing															
Statistics															
Geometry															
Quantum Theory															
Physics															



What did you do?



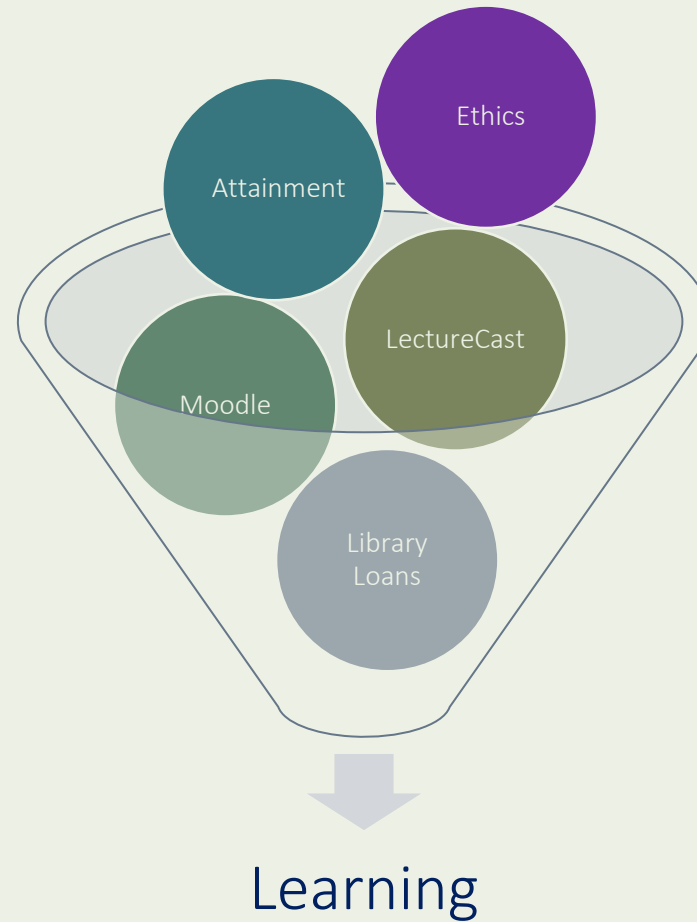
Formal definition

Learning analytics is the measurement, collection, analysis and reporting of data about learners and their contexts, for purposes of understanding and optimising learning and the environments in which it occurs.

Siemens & Gašević, 2012



What am I doing?



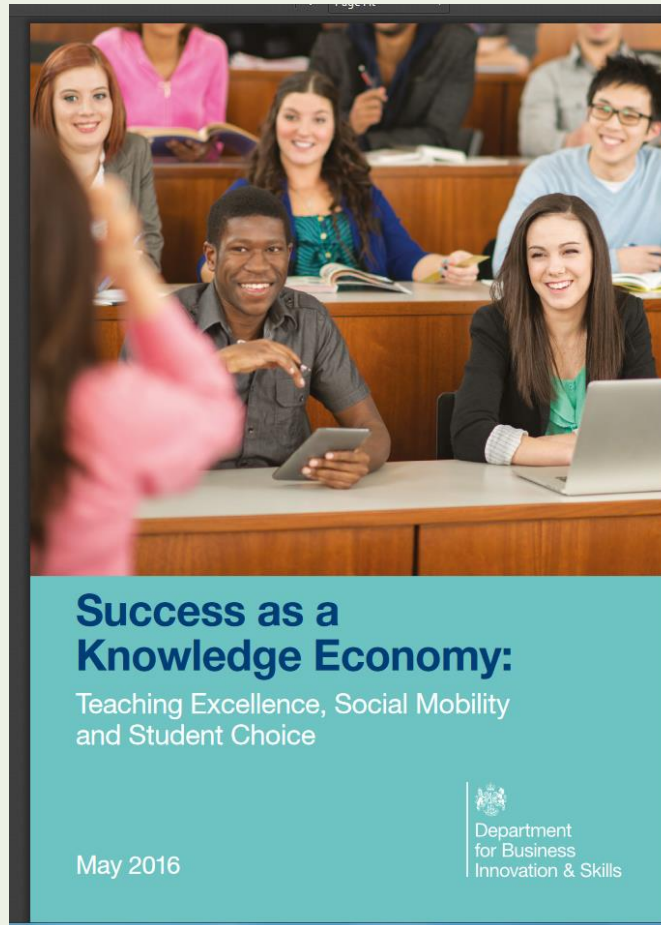
Why?



<https://www.flickr.com/photos/teachandlearn/3792277913>



Evidencing Excellence



Questions



Prizes

- Correctly complete the logic grid puzzle
- Had in your puzzle to the Digital Education stand
- Win a prize – limited number available



Further Reading

- JISC Learning Analytics: <https://www.jisc.ac.uk/reports/learning-analytics-in-higher-education>
- Open University: <http://www.open.ac.uk/iet/main/research-innovation/learning-analytics>
- S Ahern's Digi Ed blog posts: <http://blogs.ucl.ac.uk/digital-education/category/our-views/sams-scribbles/>
- The Royal Society – Machine Learning: <https://royalsociety.org/topics-policy/projects/machine-learning/>
- Royal Statistical Society – Opportunities and Ethics of Big Data: <http://www.rss.org.uk/Images/PDF/influencing-change/2016/rss-report-ops-and-ethics-of-big-data-feb-2016.pdf>

