



Taking the Plunge in Text and Data Mining: Changes in Library Services and PQ Data Delivery

Julia Thorne, ProQuest

What is Text and Data Mining?

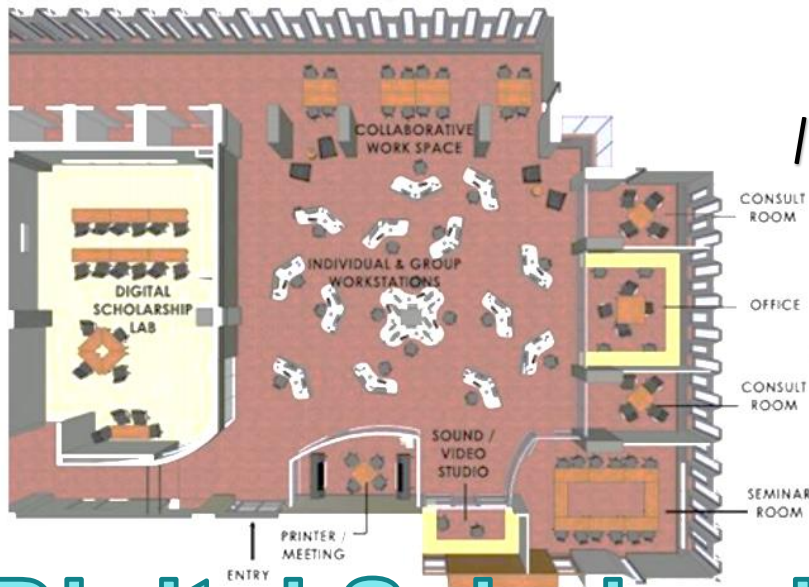
Landscape – Text and Data Mining



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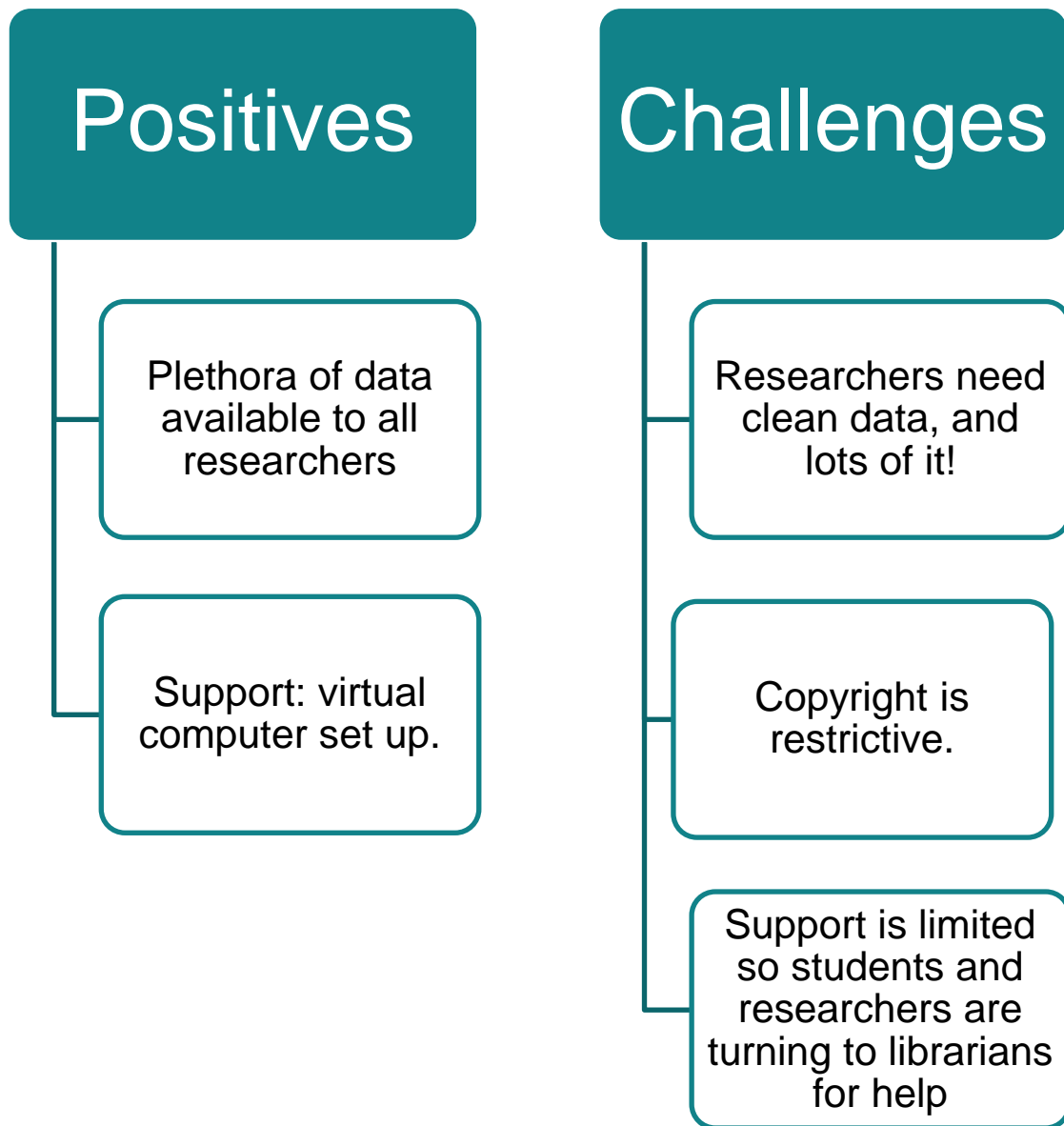
Digital Collections Librarian
Metadata And Digital Production Librarian
Digital Metadata Technician
Digital Project Manager
Research Data Manager

Interactive Technology Consultant
Interactive Technology Consultant
Institutional Repository Coordinator
Microfilm Coordinator













Digital Scholarship

Industry Wide Best Practice



What ProQuest are currently doing

Government Documents	Historical Primary Sources	Historical Newspapers	Literature	Literature
1700 – 2015	1550 – 2015	1764 – 2015	1681 – 2005	1473 – 1700
U.S. Government  Congressional Executive	U.S. History Vault  State Department Office of Strategic services	U.S. Newspapers  New York Times Wall Street Journal	Periodicals Archive  Periodicals Archive Vogue	Early English Books 
UK Government  Parliamentary	UK History  Annual Register Colonial State Papers	UK & International  The Guardian & Observer Times of India	UK-specific  British Periodicals	European Books 

Case Study – Robots Reading Vogue

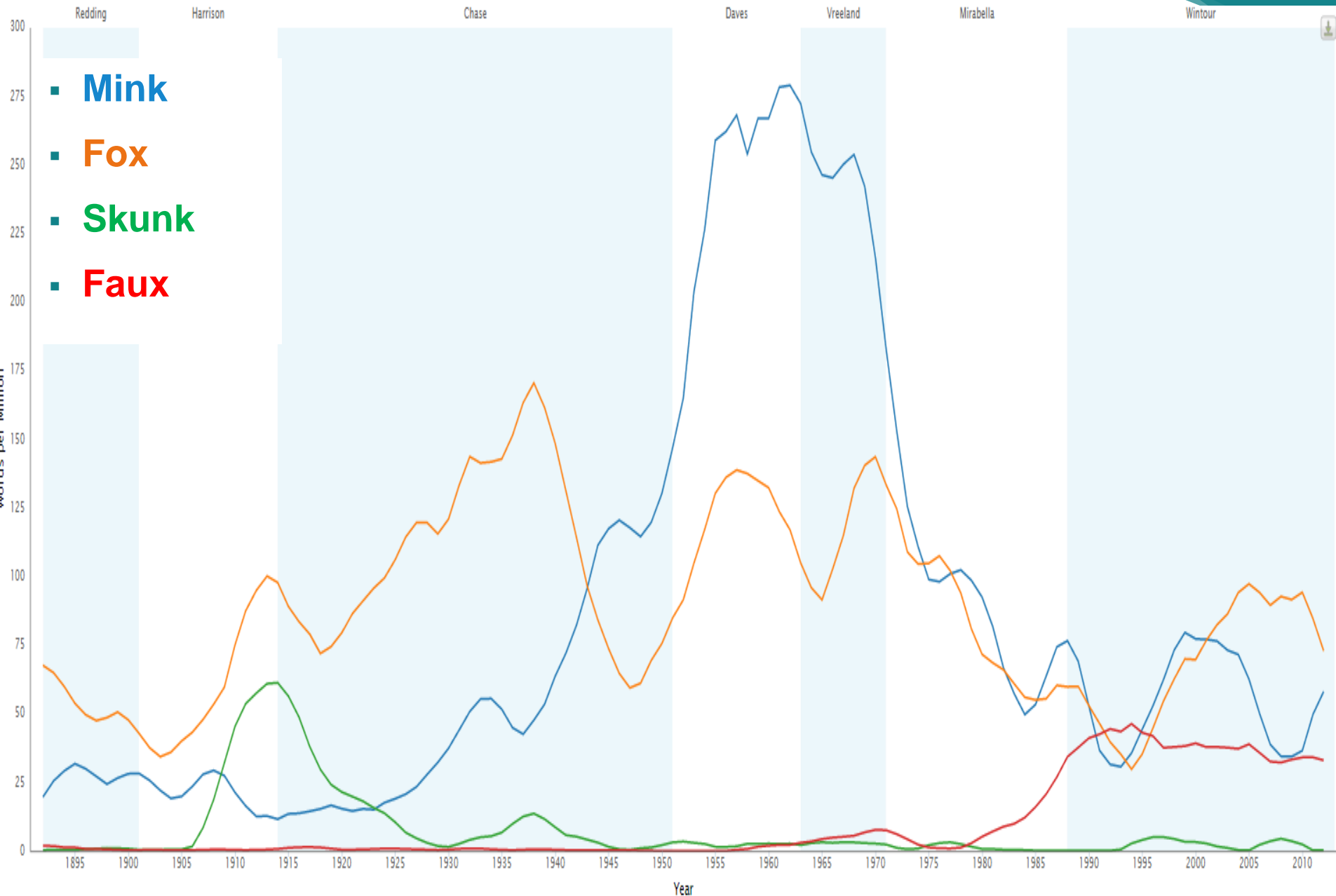


BRINGING HISTORY TO LIFE THROUGH FASHION

1900s 1910s 1920s 1930s 1940s 1950s 1960s 1970s 1980s 1990s 2000s 2010s



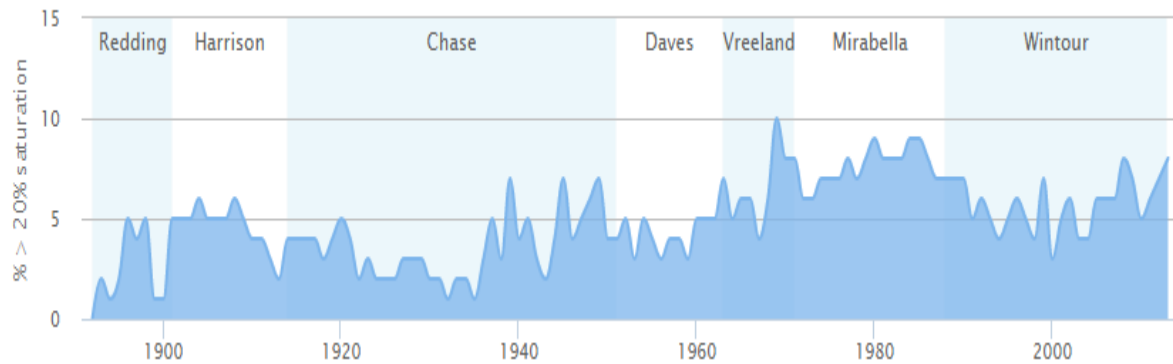
n-gram Search



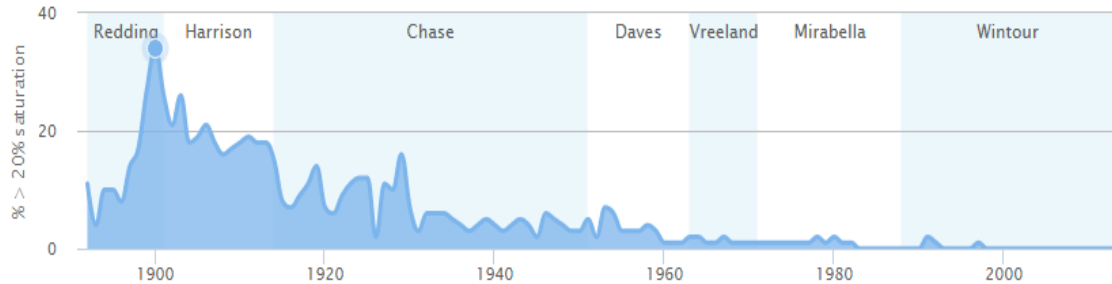
Topic modelling



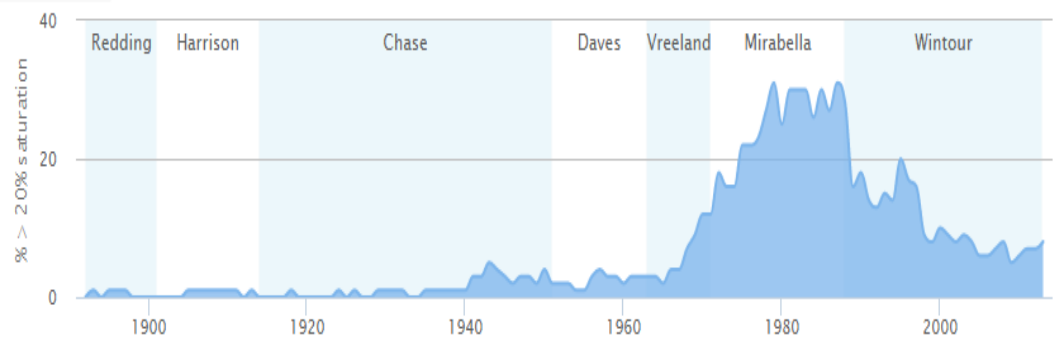
Art over Time



Dressmaking over Time



Health over Time



- How did the Vogue project happen? What does it take to make a project like this happen?
 - Clean and rich data provided by ProQuest
 - A Digital Humanities Lab at Yale University
 - Researchers, students, and librarians interested in supporting the Digital Humanities

What's next?

The background consists of several overlapping, semi-transparent teal shapes of various shades, creating a layered, abstract effect. The shapes are primarily horizontal and have wavy, irregular edges, giving the overall composition a sense of movement and depth. The colors range from a light, airy teal to a darker, more saturated shade.

Thank you