The Center for Research Libraries

Mining Big Economic Data II

February 18, 2015
Agenda

• Introduction
  Bernard Reilly, CRL

• Overview
  Bobray Bordelon, Princeton University

• Discussion
  Bernard Reilly and Bobray Bordelon

• Questions & Answers
Presenters

Bernard Reilly
President, Center for Research Libraries

Bobray Bordelon
Economics & Finance Librarian/Data Services Librarian
Director, Cultural Policy & the Arts National Data Archive
Princeton University Library
CRL Global Resources

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Mining Economic Data

Uses

Market forecasting

Risk analysis and assessment

Pattern recognition

Visualization of complex data
Mining Economic Data

Approaches

Proprietary tools within proprietary databases

API’s with proprietary and open access databases

Downloading datasets and analysis with local or third party tools and algorithms
Overview

Bobray Bordelon
Economics & Finance Librarian/Data Services Librarian
Director, Cultural Policy & the Arts National Data Archive
Princeton University Library
Terminology

• Summary Statistics/Aggregate Data
• Microdata
• “Big Data” = Unstructured data
Area Studies Specialists
Statistical Consultants
National Statistical Offices

- India Ministry of Statistics
  [http://mospi.nic.in/Mospi_New/site/home.aspx](http://mospi.nic.in/Mospi_New/site/home.aspx)

- Statistics South Africa

- Instituto Nacional de Estadística e Informática (Peru)

- Department of Statistics (Jordan)
Microdata Repositories

- IPUMS (Integrated Public Use Microdata Series, Minnesota Population Center)
  https://international.ipums.org/international/

- GESIS (Leibniz Institute for the Social Sciences)
  http://www.gesis.org/en/home/

- DHS Program (Demographic and Health Surveys, USAID)
  http://dhsprogram.com/

- ICPSR (Inter-university Consortium for Political and Social Research)
  http://www.icpsr.umich.edu/icpsrweb/landing.jsp

- UK Data Archive  http://data-archive.ac.uk/
Summary Statistics

- International Monetary Fund
- OECD.StatExtracts (core data from OECD)
- IHS Inc.
- Global Financial Data
- World DataBank (from World Bank)
- Haver Analytics
Financial Data

- Global Financial Data
- Thomson Reuters
- WRDS (Wharton Research Data Services)
- Haver Analytics
- Bloomberg
Training / Information sharing

- Data Liberation Initiative (DLI)
- Center for Research Libraries
- ICPSR
- IASSIST (International Association for Social Science Information Services & Technology)
- UK Data Archive
- SALALM (Seminar on the Acquisition of Latin American Library Materials)
A Conversation

Bernard Reilly
President, Center for Research Libraries

Bobray Bordelon
Economics & Finance Librarian/Data Services Librarian
Director, Cultural Policy & the Arts National Data Archive
Princeton University Library
Prognoz
(African Development Bank)
Socrata
(Kenya Open Data)
Questions & Answers

Please join us for a discussion with our presenters.

Please submit your questions in the Q&A box.
Contact Information

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CRL eresources offers and reviews
edesiderata.crl.edu

- PrivCo
- IMF eLibrary
- World Bank eLibrary
- Global Financial Data
- Economist Intelligence Unit
  - Country Analysis
  - Data Solutions
Upcoming Webinar

Coming to Terms – Behind the New Liblicense Model License

Wednesday, March 4

2:00 to 3:00 p.m. Central Time

Visit www.crl.edu/events to register
Upcoming Event

Global Resources Collections Forum: Shared Resources / Common Vision

CRL cooperative collecting and licensing activities in three areas: science, technology and engineering; news; and law and government.

1:00 to 4:00 p.m. (CST) April 24, 2015

Visit www.crl.edu/events to register
For More Information

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