

MicroData Hubs: Comments



Key ideas

- ◉ New data => new scale of social science AND new analytical and technical challenges
- ◉ Major research infrastructure like data facilities are the future
- ◉ Implementation requires community engagement

Data Access in the RDSC



- RDSC mediates between data producers and external users.
- RDSC controls for compliance with data protection regulations.

Micro-Price Data in Macroeconomics

- Data Sources
 - Statistical Offices (CPI, PPI)
 - Scanner Data (eg. Nielsen)
 - Online Data (eg. Billion Prices Project)
- Uses
 - Inflation and other economic indicators
 - Research in Macroeconomics
 - Price Dynamics (Price Stickiness, Real Rigidities)
 - Market Segmentation
 - Research in International Economics
 - Pass-through and Border Effects
 - Law of One Price and PPP
 - Real Exchange Rates

Data Hub 2.0

In **2012**, the New York City Council approved Local Law 11, requiring all city agencies to open their data by 2018. [View the Open Data Law »](#)

Planned Releases

Available Data Sets

Removed Datasets

The screenshot shows the Amazon.com website interface. At the top, there is a navigation bar with the Amazon logo, a search bar, and links for 'ELECTRONICS Gift Guide', 'Daily Deals', 'Hello, Julia', 'Your Account', 'Your Prime', 'Wish List', and 'Cart'. Below the navigation bar, there is a section for 'Julia's Amazon' with statistics: 'ON ORDER 0 items', 'GIFT CARD BALANCE \$0.00', 'AUDIBLE AUDIOBOOKS See what's new', and 'CUSTOMER SINCE 2009'. The main content area is titled 'Recommended for you, Julia' and displays a grid of product recommendations. Each recommendation includes a category name, a list of items, and the number of items in the category. The categories shown are: Buy It Again (3 ITEMS), Calendars (36 ITEMS), Historical Books (100 ITEMS), Games (37 ITEMS), Women's Apparel (18 ITEMS), Drama in Video (100 ITEMS), Mystery & Thrillers in Video (64 ITEMS), Comedy in Video (66 ITEMS), Military & War in Video (30 ITEMS), Literature & Fiction (100 ITEMS), Engineering Books (24 ITEMS), Biographies & Memoirs (99 ITEMS), Lighting & Ceiling Fans (9 ITEMS), Music (57 ITEMS), and a partially visible category for 'ncu' (99 ITEMS).

amazon

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Julia's Amazon ON ORDER 0 items GIFT CARD BALANCE \$0.00 AUDIBLE AUDIOBOOKS See what's new CUSTOMER SINCE 2009

Manage balance Learn more

Recommended for you, Julia

Buy It Again 3 ITEMS

Calendars 36 ITEMS

Historical Books 100 ITEMS

Games 37 ITEMS

Women's Apparel 18 ITEMS

Drama in Video 100 ITEMS

Mystery & Thrillers in Video 64 ITEMS

Comedy in Video 66 ITEMS

Military & War in Video 30 ITEMS

Literature & Fiction 100 ITEMS

Engineering Books 24 ITEMS

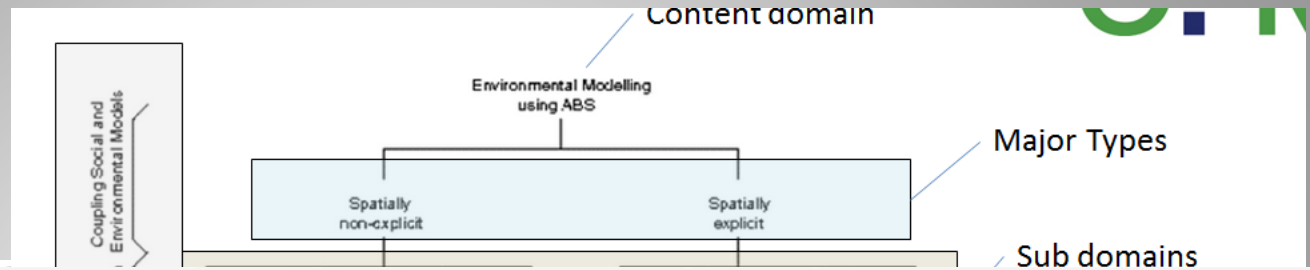
Biographies & Memoirs 99 ITEMS

Lighting & Ceiling Fans 9 ITEMS

Music 57 ITEMS

ncu 99 ITEMS

Community 2.0



Share

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1,041 Reviews from our TripAdvisor Community

[Write a Review](#) [Add Photos](#)



Julia

Level 3 Contributor

Rate and write a review (Receive 100 points)



Traveler rating

Excellent	<div style="width: 75%;"></div>	513
Very good	<div style="width: 55%;"></div>	352
Average	<div style="width: 20%;"></div>	124
Poor	<div style="width: 5%;"></div>	38
Terrible	<div style="width: 0%;"></div>	14

See reviews for

	Families	105
	Couples	283
	Solo	134
	Business	449

Rating summary

Location	<div style="width: 95%;"></div>
Sleep Quality	<div style="width: 95%;"></div>
Rooms	<div style="width: 95%;"></div>
Service	<div style="width: 95%;"></div>
Value	<div style="width: 95%;"></div>
Cleanliness	<div style="width: 95%;"></div>

Explore similar hotels

Jumeirah Frankfurt
★★★★★ 776 Reviews

[Show Prices](#)



Anonymized slides 😊

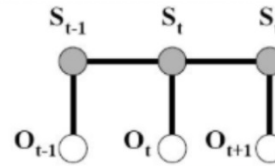
Traveler tips help you choose the right room. [Room tips \(122\)](#)

What does it mean to forecast?

Identify and

Prediction

$$P(\bar{s} | \bar{o}) \propto \frac{1}{Z_{\bar{o}}} \prod_{t=1}^{|\bar{o}|} \exp \left(\sum_j \lambda_j f_j(s_t, s_{t-1}) + \sum_k \mu_k g_k(s_t, x_t) \right)$$



Train/Test a **Conditional Random Fields (CRF)** on:

a. Structured abstracts

...natively

b. Sectioned abstracts

...MechTurk

c. Sectioned articles



Keystone Interaction
Riverine Corridors of

NSF O

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Latest Amendment Do

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Investigator

Sponsor

NSF Program

Program Reference Code

Program Element Code

ABSTRACT

ABSTRACT PROPOSAL #...
UNIVERSITY OF WASHINGTON
Vegetation in Riverine Corri
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...Creates faceted corpora

RDC 2.0 (NYU/CUSP)

GOAL 1



Data Curation and Management

- Data acquisition (Wagner, ENGR, GovLab)
- New data collection
- Curation (Libraries)
- Documentation
- Provenance
- Version Control



Data Access and Discovery

- Access and security controls (NYU ITS)
- Interrogation (Urban Profiler)
- Integration



Data Analysis, Collaboration and Reproducibility

- Collaborative space creation
- Visualization
- Workflow trace tools (Vistrails)
- Privacy and security

GOAL 2



User Training and Engagement

- Standard Briefings on privacy and confidentiality
- Data hygiene
- Conceptual approach and new tools (big data class)



Dissemination

- Statistical Disclosure control
- Census RDC network
- API development (libraries)
- Agency engagement
- Citizen input and engagement (libraries)
- Workshops

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Thanks!

Questions?

Julia Lane
Julia.lane@nyu.edu



Credits

Multiple coauthors

Jason Owen Smith, Bruce Weinberg, Rebecca Rosen, Barbara Allen, Ron Jarmin, Christina Jones, Ahmad Emad, Evgeny Klochikhin, Nathan Goldschlag, Nik Zolas, Kaye Husbands Fealing, Paula Stephan, Jacques Mairesse, Michele Pezzoni, Stefano Bianchini, Patrick Llerena, Joseba Salvo, Frauke Kreuter, Ian Foster, Fayid Ghani, Stefan Bender

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