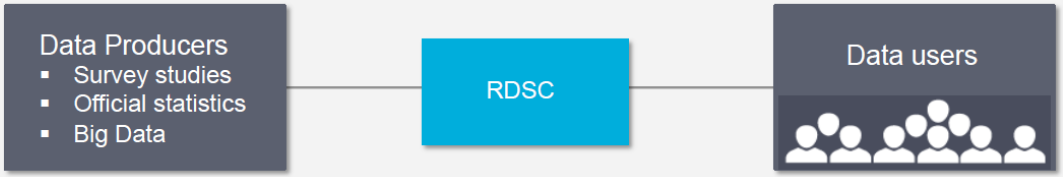
MicroData Hubs: Comments

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 regul

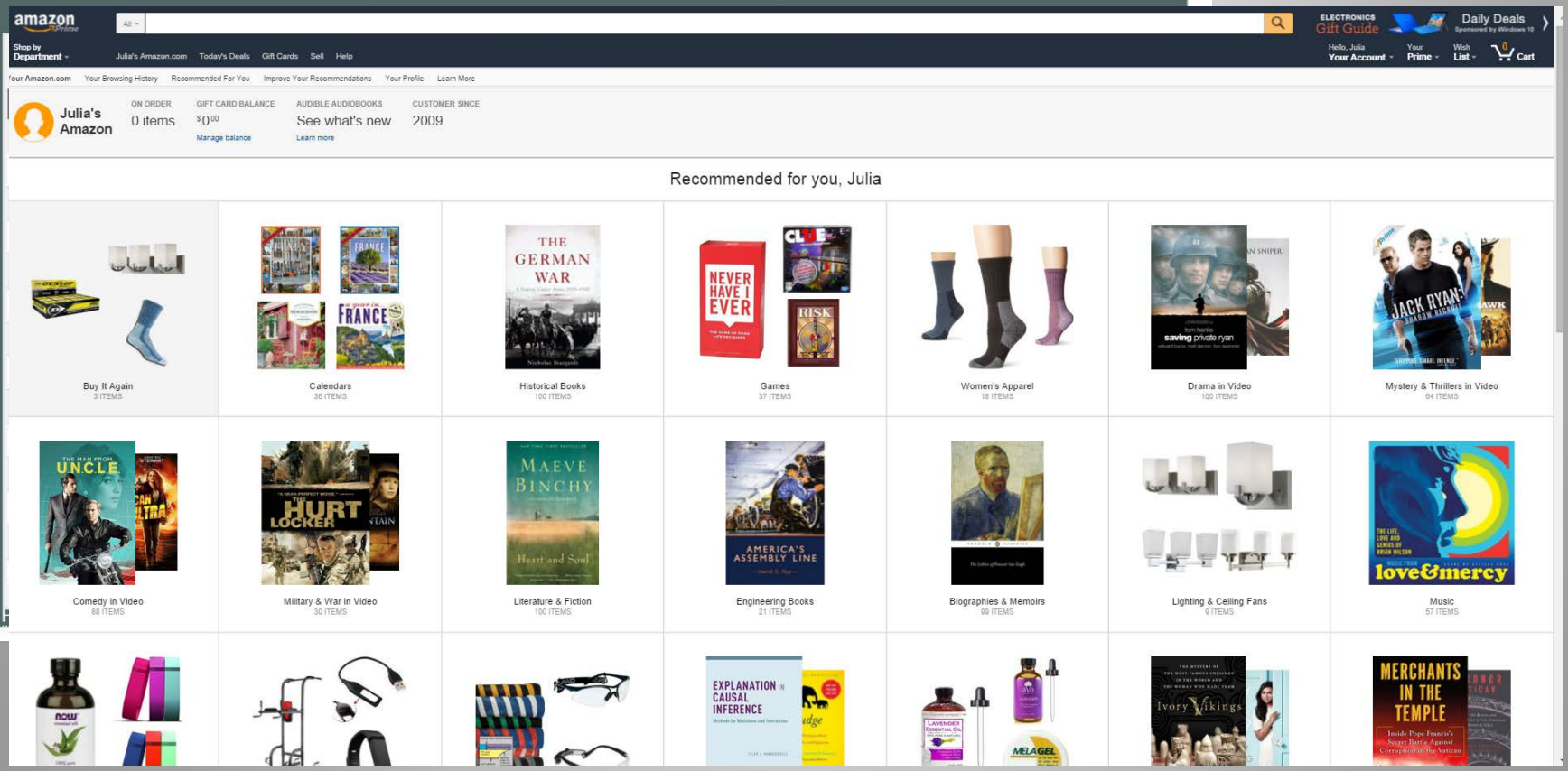
Micro-Price Data in Macroeconomics

- 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

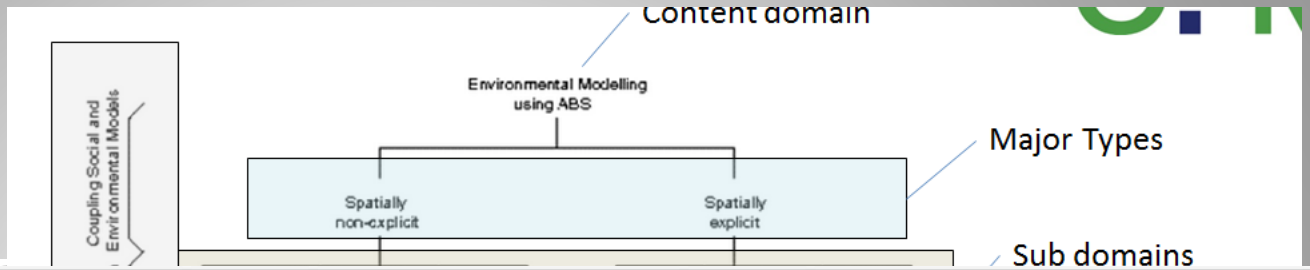
Data Hub 2.0

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



Community 2.0



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Overview | Reviews (1,041) | Photos (1,087) | Location | Amenities | Q&A (9) | Room Tips (122)

1,041 Reviews from our TripAdvisor Community

Write a Review Add Ph

Julia
Level 3 Contributor

Rate and write a review (Receive 100 points)
Click to rate

Traveler rating

Excellent	513
Very good	352
Average	124
Poor	38
Terrible	14

See reviews for

Families	105
Couples	283
Solo	134
Business	449

Rating summary

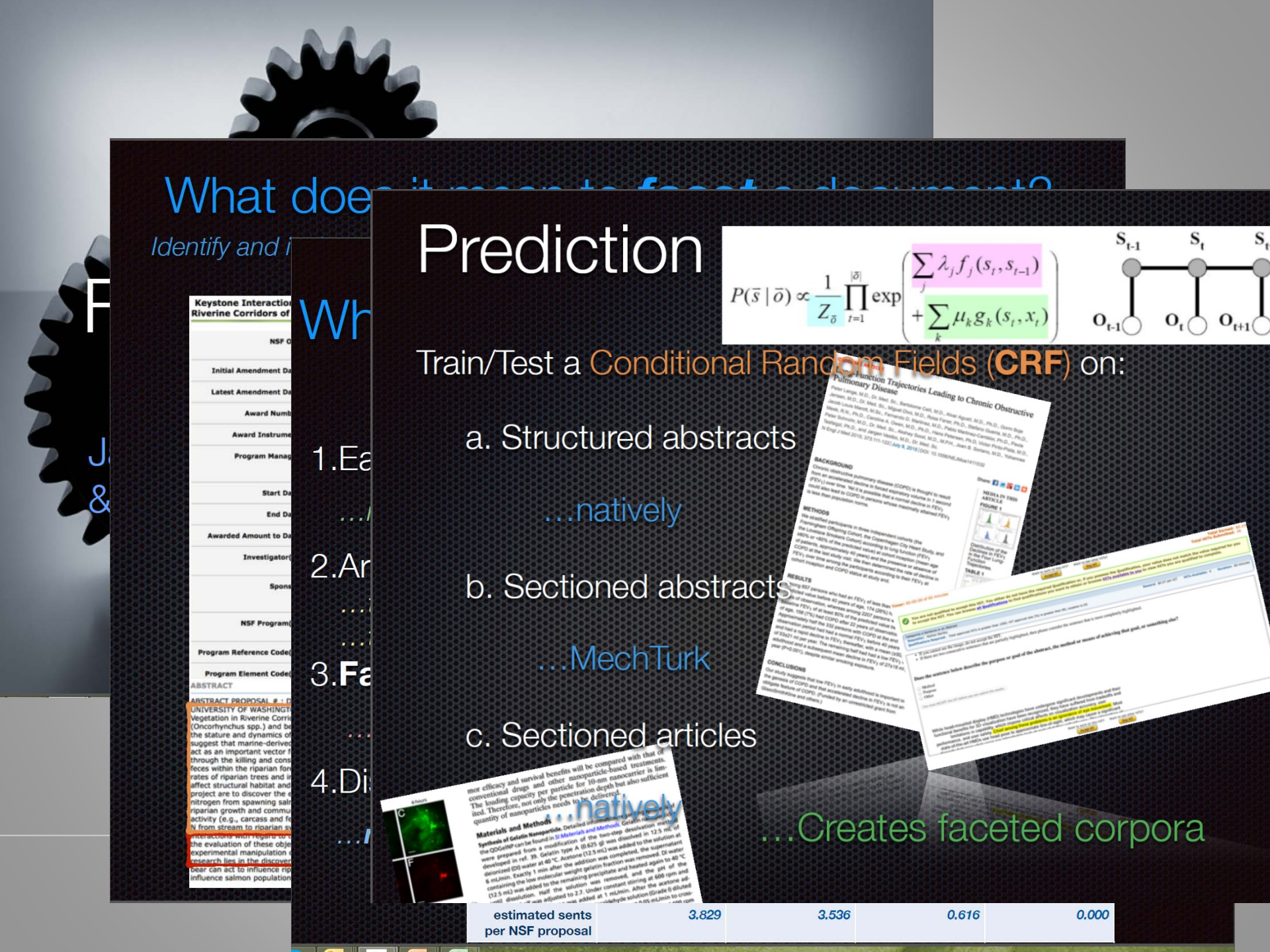
Location
Sleep Quality
Rooms
Service
Value
Cleanliness

Explore similar hotels

Jumeirah Frankfurt
776 Reviews
Show Prices

Traveler tips help you choose the right room. Room tips (122)

Anonymized slides ☺


What doe
Identify and i
Prediction
$P(\bar{s}\,|\,\bar{o}) \propto \frac{1}{Z_{\bar{o}}} \prod_{t=1}^{|\bar{o}|} \exp\left(\sum_j \lambda_j f_j(s_t, s_{t-1}) + \sum_k \mu_k g_k(s_t, x_t) \right)$
S_{t-1} S_t S_{t+1}
O_{t-1} O_t O_{t+1}
Train/Test a Conditional Random Fields (CRF) on:
a. Structured abstracts
…natively
b. Sectioned abstracts
…MechTurk
c. Sectioned articles
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RDC 2.0 (NYU/CUSP)

GOAL 1

GOAL 2

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

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?

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Credits

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