Data Science Panel

Rayid Ghani
Center for Data Science & Public Policy
Perspectives

Academia
- Eric & Wendy Schmidt
- Data Science For Social Good
- Summer Fellowship
- M.S. in Computational Analysis and Public Policy
  - CHICAGO HARRIS
    - PUBLIC POLICY | THE UNIVERSITY OF CHICAGO

Industry
- accenture Technology Labs
- OBAMA BIDEN

Govts & Non-Profits
- HEALTHY CHICAGO
- CINCINNATI
- THE CASE FOUNDATION
- WORLD BANK GROUP
- FEEDING AMERICA

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Data Science Unicorn Bingo

- Programming
- Databases
- Computer Science
- Math
- Statistics
- Machine Learning
- Social Sciences
- Experimental Design
- Communications
- Collaboration
- Problem Formulation & Scoping
- Project Management
- Ethics
- Security
- Privacy
- Legal Issues
Skill Gaps

Typical ML Class
- Algorithms
- Implementation
- “Standard” Evaluation

Solving a data science problem in the real world
Problem Templates in Public Policy

• Can I detect who’s going to get lead poisoning early? [X]

• Can I determine which home inspections to prioritize? [X]

• Which policies do I modify to improve maternal mortality? [X]

• How much impact is my after-school program having? [X]

• Can I get data that helps me match employers with employees? [X]
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Data Science for Social Good Summer Fellowship
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