Roundtable on Data Science Education  
Meeting #4 Agenda – October 20, 2017 

Alternative Institutional and Educational Mechanisms 

Northwestern University  
Norris Center  
Louis Room (#205)  
Evanston, IL 60208-2800 

Webcast: http://sites.nationalacademies.org/DEPS/BMSA/DEPS_178020 

MEETING TOPICS: Alternative Institutional and Educational Mechanisms 

- Survey several alternatives to a full data science curriculum being pursued at several universities, including certificates and practicums; 
- Discuss the role of alternative educational practices such as bootcamps, hackathons, and informal science education in museums; 
- Consider how university structures impact data science program and educational design. 

Upcoming Dates: 
December 8, 2017: Roundtable Meeting #5 — Integrating Societal and Ethical Issues into Data Science Education (Washington, DC) 

Workshop on Envisioning the Data Science Discipline: The Undergraduate Perspective on December 6-7 in Washington, DC
Friday October 20th all times Central

CLOSED SESSION For Roundtable members only
Breakfast available starting at 8:30am

9:00 AM Discussion of survey on impacts and plans going forward
  Eric Kolaczyk, Boston University
  Kathy McKeown, Columbia University

OPEN SESSION, Begin Webcast
Alternative Institutional and Educational Mechanisms for Data Science Eduacaiton

9:25 AM Welcome and overview of meeting
  Eric Kolaczyk, Boston University
  Kathy McKeown, Columbia University

9:30 AM Stanford University’s Certificate Programs
  Jeffrey Ullman

10:00 AM Boston University’s Statistics Practicum
  Eric Kolaczyk

10:30 AM Discussion

11:00 AM Break

11:15 AM Cornell Tech and the Jacobs Technion-Cornell Institute
  Ron Brachman

11:45 AM American Statistical Association DataFest
  Andrew Bray, Reed College

12:15 PM Discussion

12:45 PM Working Lunch

1:45 PM Bootcamp goals, structure, and content
  David Ziganto, Metis

2:15 PM Informal Data Science Education
  Catherine Cramer, Steve Uzzo, Katy Börner

2:45 PM Discussion

3:15 PM Break and small group discussion in response to prompts

4:00 PM Synthesis discussion and looking ahead to December and 2018

5:00 PM Adjourn Meeting

Committee on Applied and Theoretical Statistics
Board on Mathematical Sciences and Analytics
Computer Science and Telecommunications Board