Integrating Real World Applications in the Classroom: Experiences from the Master's Capstone Course

Victoria Stodden
Visiting Faculty
UC Berkeley Department of Statistics

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Course Goals

• collaborative project-based course
• real data, analysis student driven
• possible integration with Industry Alliance data/topics
• guest lecture series, including Alliance members
Course Project

Semester-long project integrated with:

• student-driven research questions (whose mind are you going to change about what?),

• coherent workflow process for reproducible and collaborative research,

• mid-semester and final presentations of research findings,

• peer review and effective project communication,

• final research paper.
Industry Integration

Informal survey responses:

• “I would like to hear more about your working experience in industry and how to bridge the gap from education to working in industry”

• “Interested in having guest lecturers”