

Data Science Corps: Modernizing Water & Wastewater Treatment through Data Science Education and Research (MoWaTER)

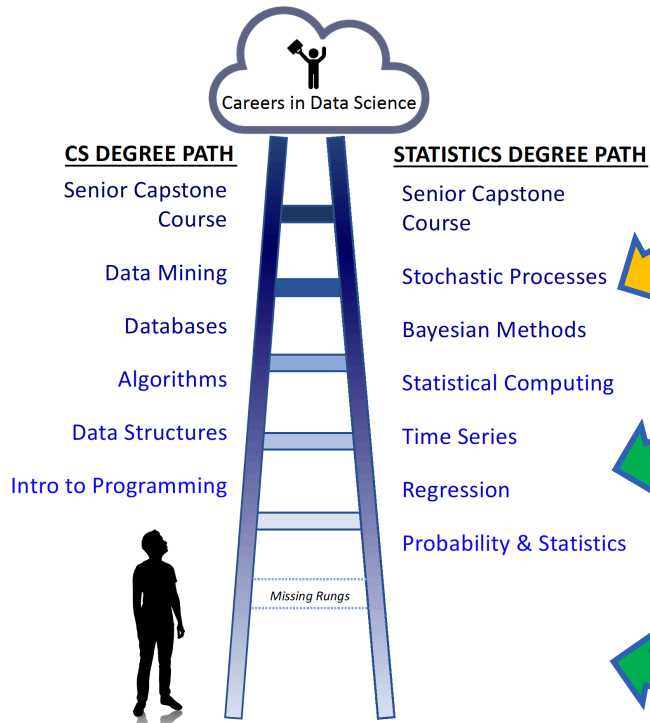


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Why W/WWT?

The W/WWT industry has an abundance of data with the dual benefits of providing tractable problems for beginners to solve and having the potential for immediate improvement in water quality and quantity.



MoWaTER PRO Short Course for Professionals

1-week Data Science Workshop

Advanced 8-week Summer Internship

5-week Summer Data Science Fellows Program

Introduction to Data Science course



Education Publications:

1. Course development and evaluation over 3 years
2. Textbook aggregating our course notes, class exercises, & exams
3. Summer research program structure and evaluation over 3 years
4. Data pipeline: acquisition, wrangling, and archiving
5. Lessons learned regarding the nuts and bolts of multi-university teaching
6. Student evaluation through self-written letters of recommendation