Operational Data Science

• Data Science is useful throughout operations of Texas A&M

• Opportunities for collaboration between faculty and operations
  • New problems inspire new methods
  • Establish track record for outreach

• Next steps for Texas A&M Institute for Data Science
  • Data Science Services and Enablement group currently ramping up
    • Provide continuity and POC for faculty for operational data research
  • Future TAMIDS grant program to enable data infrastructure and usage
Texas A&M: a Living Operational Data Science Lab

• Texas A&M: multiple campuses, organizations; ~60K students
• Vision: instrument and analysis all aspects of operations
  • Business impact
  • New research problems
  • Preliminary work for external funding
• Rellis Campus: path of least resistance
  • Clean slate for instrumentation
  • Multiple relevant disciplines
Texas A&M Institute of Data Science Workshops

• Workshops planned
  • Operational Data Science, AI in Education, Data Science in Energy, ...

• Organize your own one-day workshop
  • TAMIDS Workshop Grants Program
  • Support:
    • $1.5k local expense + $1k for each of two external speakers
  • Clone our arrangements
  • Details at https://tamids.tamu.edu/category/progs/