

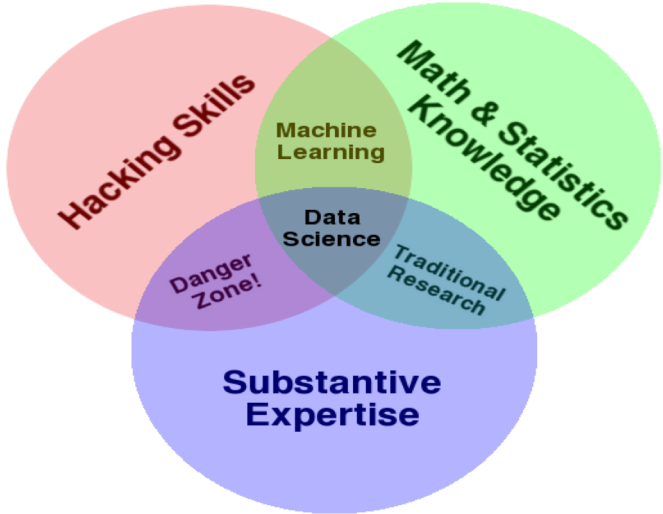
# Waterloo Data Science Workshop

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# What is a Data Scientist



- Multi-Disciplinary
- Extracting knowledge and insight from data



1. <http://drewconway.com/zia/2013/3/26/the-data-science-venn-diagram>

# Data Science Challenge

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- Data & Systems – Systems were never designed for the type of analytics that is necessary today
- Reputational risk of new tools and techniques and the democratization of data
- The evolution of banking to a customer centric network and the complex understanding of customers from multiple dimensions

# Academic Relationships

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Scotia has many active relationships with Universities across Canada. Key relationships I am most active with are:

- Scotiabank Center for Customer Analytics at Smith School of Business
- Participation in RISE Lab at UC Berkeley
- Stanford Statistics Forum as well as Computer Science Forum

# Research & Collaboration

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- Integration of data, inconsistent and siloed
- Access is tricky, and rightfully so
- Reputational risk
- Legal, compliance, privacy, consent