



Location Powers

LI and Data Science: a cross-disciplinary perspective

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Motivation for Skillset diversity

- Larger data sets, greater velocity
- Improving body of knowledge – Deep Learning, Visualization
- Computational speed – GPU and elastic cloud

- Challenge and Opportunity:
 - Training is provided on individual skills: Deep Learning, Geomatics, SQL, Statistics, Operations Research, GraphDB, Big Data
 - These are tools. Need a combination of these to improve the range of problems we can solve
 - Involves learning and unlearning



Examples

- Data products created and refined using entity resolution techniques
- Free format address parsing using NN
- LI Models (site selection, bank branch network optimization) using newer techniques
- Make map display decisions based on neural networks