1. Education and Training:
   a. Schools Involved in Big Data (all offer BS, MS, PhD Degrees):
      i. Schaefer School of Engineering & Science
      ii. School of Systems & Enterprises
      iii. Howe School of Technology Management
   b. Big Data Related New Programs:
      i. Quantitative Finance – B.S.
      ii. Business Intelligence & Analysis – M.S.
      iii. Cybersecurity – M.S.
      iv. Business Intelligence & Analysis - Certificate

2. Multidisciplinary Research Expertise:
   a. Stevens’ Strategic Disciplines:
      i. Finance
      ii. Health & Medical
      iii. Security/Intelligence
      iv. Energy
      v. STEM
   b. Big Data Related Research Clusters & Centers:
      i. Secure Systems Cluster
      ii. Systems Engineering & Enterprise Management Cluster – UARC
      iii. Center for Financial Systems: Hanlon Finance Lab
      iv. Center for Decision Technologies
      v. Center for Complex Systems & Enterprises (New)
   c. Some Big Data Related Research Foci:
      i. Social Networking Applied to Finance and Other Areas
      ii. Health Care Partnerships
      iii. Computer Visualization and Graphics Laboratory – Video Analysis
      iv. Ocean Studies Lab
      v. Sensor Networks

3. Infrastructure (selected):
   a. Clustered High Performance Computing Facility – Computer Science / Visualization & Video Mining
   b. Cray XE6
      i. uRiKa, Northern Light, ...
   c. Hanlon Financial Systems Lab
      i. Bloomberg, Thompson Reuters, ICAP, OneTick, RealTick, GAIN, ...
   d. Shared:
      i. DoD HPC, Interdisciplinary HPCC of CUNY (Cray, SGI – Ocean Research)

4. Partnerships
   b. Business Intelligence & Analysis Advisory Board Membership (an example):
      i. UBS, American Express, Aequus Technologies, DuPont, Diageo, Decision Viz, Google, EMC, SAS, IBM, Pfizer, Forest Labs, Doremus, MediaCom, NJ.com, Verizon Wireless, AT&T Research.