IEEE Big Data Initiative (BDI)

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IEEE Big Data Initiative

- Focus on social implications and ethics of data
- Data Analytics Competitions - hosted at Multiple IEEE Conferences, draws additional registrants
- eLearning modules – partnering with IBM and Educational Activities
  - First set of modules targeted for completion year end 2017, initial revenue in 2018
  - Second set Q1/Q2 2018
- Standards
  - Industry Connections on Big Data Governance and Metadata Management, generates new standards
  - Wireless data standard proposal in progress
- Proposed IEEE Data and Informatics Magazine
- IEEE Big Data technical community membership list, over 6,700
- Community outreach
  - Brand via its logo
  - Web portal, bigdata.ieee.org (avg per month: 5K visitors, ~13K page views)
  - Twitter (2K followers, ~173K impressions), Facebook, LinkedIn, Collabratec (~7K)
- IEEE DataPort – Big Data Oriented Repository
IEEE DataPort

IEEE DataPort in operational phase for storage of up to 2 TB datasets with DOI

Examples:
- Signal Processing Data
- Biological/Healthcare
- Geo-Sensing
- Power/Energy
- Weather
- Astronomy
- Security
- Robotics
- Financial
- Intelligent Transportation
- More

* Deposit and store datasets long-term
* Gain access to datasets to support research/interests
* Host and manage Data Challenges and Competitions
* Analyze datasets either by accessing datasets in AWS or by downloading
* Facilitate validation of research (reproducibility)
Activities of Interest – Data Competitions

- Data analytics and visualization competitions, next up at IEEE COMPSAC, 4-8 July, Torino
For more information, contact k.l.grise@ieee.org

bigdata.ieee.org web portal

@ieeebigdata