

Northeast Big Data Innovation Hub

Open access online data science education, professional and student collaboration, application of data science in health, transportation and other domains, data and device cybersecurity standards development.

Florence Hudson | Executive Director | fh2417@columbia.edu

Founded

2015

Located

**Columbia
University in
New York City,
NY**

Sector

**Education, Health,
Transportation,
Cross-domain
cybersecurity and
data science**

Funding Source

**NSF, NIH,
DOT/FHWA,
DARPA**

Membership

**24,000
individuals
2,133
organizations**

Overview

- The Northeast Big Data Innovation Hub(NEBDHub) launched in 2015 as a community convener, collaboration hub, and catalyst for data science innovation in the northeast region, funded by NSF. The Northeast Hub was one of four regional innovation hubs funded in 2015.
- Aims to build and strengthen partnerships across industry, academia, nonprofits, and government to address societal and scientific challenges, spur economic development, and accelerate innovation in the national big data ecosystem.
- Provides proactive data science awareness and education programs, a collaboration Hub for academia, industry, nonprofits and government to envision and enable data science innovations.
- Governed by NEBDHub Steering committee, NEBDHub advisory board, Founding Committee for the National Student Data Corps.

Impact of the Network

- National scope with international reach.
- Serves academic professors, staff and researchers; undergraduate and graduate students; professionals learning to leverage data science, across industry, academia, nonprofits and government.
- Supplies data science education materials, online hands-on data science projects, certificates of completion for projects and paper challenges, reports on research success, over 500 DOIs for transcripts and video's of researcher lightning talks and books with researchers.
- Members engage by signing up for the monthly newsletter, attending virtual events, participating in working groups, taking part in asynchronous learning through on line data science projects, and hosting local chapters of the Hub's National Student Data Corps program.
- Currently challenged by securing sustainability funding.
- Continuing to attract new grant funding with partners.

**NATIONAL
ACADEMIES** *Sciences
Engineering
Medicine*

