

## **About the Opportunity**

The *Data Analytics Engineering MS Program* within the Mechanical and Industrial Engineering (MIE) Department at Northeastern University is seeking outstanding individuals committed to teaching excellence to fill non-tenure-track faculty positions at the rank of assistant, associate, or full teaching professor with the focus in the general area of Industrial Engineering.

The main responsibility of the non-tenure-track teaching faculty is high quality student-centered teaching, including course preparation, delivery, and assessment. The annual course responsibility is six courses. The selected candidate is expected to teach and advise, as well as to identify new and industry-trending subjects for curriculum advancement. The Assistant, Associate, or Full Teaching Professor is also given the opportunity to participate in department, university, and professional service activities as well as be engaged in a modest level of research activities, for their own professional development.

We are seeking highly qualified candidates who can effectively teach and advance undergraduate students through an accredited B.S. degree program, as well as graduate students enrolled in world-class M.S. and Ph.D. programs in Industrial Engineering. While expertise in all areas of this field is welcome, we are particularly interested in candidates with a strong background in Analytics, Data Mining, Machine Learning, Optimization, Systems Simulation, Cloud Analytics, and Computational Tools for Analytics. Proficiency in Python, R, and SQL is an added advantage.

While not a requirement, the non-tenure-track teaching faculty may choose to initiate and undertake research and service activities, including, but not limited to advising undergraduate and graduate students, student recruiting, e-learning, educational research, publications, and presentations. Such activities are encouraged and supported by the MIE department.

Candidates should be committed to fostering a diverse and inclusive environment as well as to promoting experiential learning. The MIE Department at Northeastern University is committed to equal opportunity, affirmative action, diversity, and social justice while building a climate of inclusion on and beyond campus. In research and teaching environments, members of the University community work to cultivate an inclusive environment that denounces discrimination through innovation, collaboration, and an awareness of global perspectives on social justice. We welcome individuals of all ages, backgrounds, beliefs, ethnicities, genders, gender identities, gender expressions, national origins, religious affiliations, sexual orientations, socioeconomic background, family education level, ability – and other visible and nonvisible differences. The appointment title/rank will be commensurate with the candidate's qualifications and experience.

At the College of Engineering, we value and encourage our teaching faculty to pursue impactful activities beyond their teaching and service duties. Therefore, our teaching faculty members are encouraged to pursue diversity initiatives, research and scholarship, and service opportunities within the local community.

Ph.D. required in Industrial Engineering, Computer Science, or a closely related field by the appointment start date. Excellent written and oral communication skills and evidence of teaching effectiveness is expected.

Industrial experience is desirable along with familiarity with latest electronic teaching tools and experiential e-learning.

Application must include cover letter, detailed CV including teaching expertise, statement of teaching interests and objectives, detailed records of student evaluations from past teaching activities (if available), names and contact information of at least four references, and a Statement of Diversity, Equity, Inclusion, and Belonging:

Please provide a statement of your commitment and/or contribution(s) that describes your past experience, activities, and/or future plans to advance diversity, equity, inclusion, and the value proposition of belonging in your teaching, research, and service. Your statement should demonstrate an understanding of the barriers facing marginalized communities in your field/community and be in alignment with both Northeastern's mission and BEYOND 2025: The Academic Plan [Paragraph 4.1 A Magnet for Diversity, and a Place of Belonging](#). A more developed and substantial plan is expected for senior candidates.

### **Position Type**

Academic

### **Additional Information**

Northeastern University considers factors such as candidate work experience, education and skills when extending an offer.

Northeastern has a comprehensive benefits package for benefit eligible employees. This includes medical, vision, dental, paid time off, tuition assistance, wellness & life, retirement- as well as commuting & transportation. Visit <https://hr.northeastern.edu/benefits/> for more information.

Northeastern University is an equal opportunity employer, seeking to recruit and support a broadly diverse community of faculty and staff. Northeastern values and celebrates diversity in all its forms and strives to foster an inclusive culture built on respect that affirms inter-group relations and builds cohesion.

All qualified applicants are encouraged to apply and will receive consideration for employment without regard to race, religion, color, national origin, age, sex, sexual orientation, disability status, or any other characteristic protected by applicable law.

To learn more about Northeastern University's commitment and support of diversity and inclusion, please see [www.northeastern.edu/diversity](http://www.northeastern.edu/diversity).