

Overview

Are you a real Machine Learning enthusiast? Does the magic of the data world fascinate you? Here at Microsoft Search we have been working on Machine Learning much before it became cool to do so. Here we are solving real world problems to empower millions of people around the globe.

Microsoft Search powers delightful and relevant experiences for enterprise users to cater to their overall information need. AI powered Copilots has made the future to be the current reality.

We are looking for candidates who can help build the next generation Machine Learning system. Candidates are expected to be hands on and experienced on data mining, ranking, clustering, recommendation systems.

As a **Senior Data Scientist** in the team, you will be working independently on challenging problems, define/measure success metrics for them, as well as contribute towards Design Reviews, ML/Data pipeline reviews for the whole team.

Microsoft's mission is to empower every person and every organization on the planet to achieve more. As employees we come together with a growth mindset, innovate to empower others, and collaborate to realize our shared goals. Each day we build on our values of respect, integrity, and accountability to create a culture of inclusion where everyone can thrive at work and beyond.

Responsibilities

- End to end ranking of search results.
- Large Language Models.
- AI powered Copilot scenarios.
- Compliance and Privacy aware Machine Learning training pipelines at scale.
- Personalization of search results.

Qualifications

Required Qualifications:

- Doctorate in Data Science, Mathematics, Statistics, Econometrics, Economics, Operations Research, Computer Science, or related field AND 2+ year(s) data-science experience (e.g., managing structured and unstructured data, applying statistical techniques and reporting results)
 - OR Master's Degree in Data Science, Mathematics, Statistics, Econometrics, Economics, Operations Research, Computer Science, or related field AND 5+ years data-science experience (e.g., managing structured and unstructured data, applying statistical techniques)
 - OR Bachelor's Degree in Data Science, Mathematics, Statistics, Econometrics, Economics, Operations Research, Computer Science, or related field AND 7+ years data-science experience (e.g., managing structured and unstructured data, applying statistical techniques)
 - OR equivalent experience.
- 2+ years customer-facing, project-delivery experience, professional services, and/or consulting experience.
- Hands on experience of implementing and shipping production quality Machine Learning models or Data pipelines
- A minimum of Bachelor's degree in Computer Science or related field
- Prior work/research experience in Search domain is preferable

Other Requirements:

Ability to meet Microsoft, customer and/or government security screening requirements are required for this role. These requirements include but are not limited to the following specialized security screenings:

- Microsoft Cloud Background Check: This position will be required to pass the Microsoft Cloud background check upon hire/transfer and every two years thereafter.

Preferred Qualifications:

- Doctorate in Data Science, Mathematics, Statistics, Econometrics, Economics, Operations Research, Computer Science,
 - OR related field AND 3+ years data-science experience (e.g., managing structured and unstructured data, applying statistical techniques and reporting results)
 - OR Master's Degree in Data Science, Mathematics, Statistics, Econometrics, Economics, Operations Research, Computer Science,