

# MARKLOGIC FOR UNIVERSITIES

The data sciences continue to evolve. Universities are eager to help their students embrace the changing technology landscape, such as a growing demand for NoSQL databases and skills associated with them.

## New Skills for a New Generation

NoSQL databases represent a generational shift from traditional database technologies. They enable organizations to manage data in new ways that improve their agility and reduce the time that it takes to bring applications to market. The flexibility to manage multiple data models without the need to create predefined schemas and complex ETL enables developers and database administrators to tackle the most difficult data integration challenges.

As part of the MarkLogic for Universities program, we work with academic institutions to teach NoSQL database technology and help students learn valuable new skills. University students who graduate with these skills benefit from this growing job market. For example, a recent search on two of the most popular career sites found over 10,000 jobs requiring NoSQL database skills and over 6,000 jobs for data scientists.<sup>1</sup>

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## Key Benefits

- 1 We will partner with you to contribute to the knowledge fabric and rejuvenation of the technology landscape aimed at the next generation of technology leaders, developers, and database administrators.
- 2 Enrich your curriculum with context around industry-specific challenges, such as data security and how to address it in the database.
- 3 Allow your students to gain valuable practical insight and NoSQL skills to solve real-world technology challenges.

<sup>1</sup> December 2017, [www.linkedin.com](http://www.linkedin.com) and [www.indeed.com](http://www.indeed.com)



## Why MarkLogic?

For over 15 years organizations around the world and across different industries have relied on MarkLogic to integrate their most critical data and build innovative applications on a 360-degree view of that data. MarkLogic is a multi-model, operational and transactional Enterprise NoSQL database platform. It is a trusted choice of large organizations over RDBMS and other NoSQL technology due to a powerful, differentiated and enterprise-grade product. We work with the world's largest companies across industry and government to support their mission-critical applications. Visit [www.marklogic.com](http://www.marklogic.com) to learn how we solve data integration challenges and visit <http://www.marklogic.com/customers/> to see examples of the MarkLogic technology in action.

The team at MarkLogic University has years of technical expertise combined with a professional background in teaching and instructional design that our customers can benefit from. And we're here to help you bring this knowledge to your students!

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## What We Provide

Our expert team can provide a starter curriculum and assistance along the way to help the academic staff teach the NoSQL database technology and to help students learn valuable new skills.

To support the academic community we offer the following:

- Curriculum Starter Kit
  - Materials that you can “plug and play” or customize to fit your needs.
- Labs
  - We provide you a lab environment which you can give to students to use right out of the box. You can also integrate the lab into your own environment if desired.
  - Necessary software and license, sample data, hands-on exercises, and projects are included.
- Workshops and guest lectures
  - Experts available for guest speaker spots virtually or in person.

Contact us today to get started: [mlu@marklogic.com](mailto:mlu@marklogic.com)

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