Training the next generation of data scientists.

How **Zhejiang University of Finance & Economics** selected Lenovo ThinkSystem solutions to build a next-generation data science laboratory, empowering students and faculty staff to drive pioneering research and development.

Lenovo Infrastructure Solutions for The Data-Centered

Lenovo

1 Background & Vision

Based in Hangzhou, China, Zhejiang University of Finance & Economics (ZUFE) is one of the country's top universities for finance and economics. ZUFE has established leading research institutions such as the China Academy of Finance and the China Academy of Government Regulation. ZUFE has 16 faculties, including the School of Data Science and Artificial Intelligence, and provides high-quality tuition for more than 17,000 full-time students across a range of disciplines.
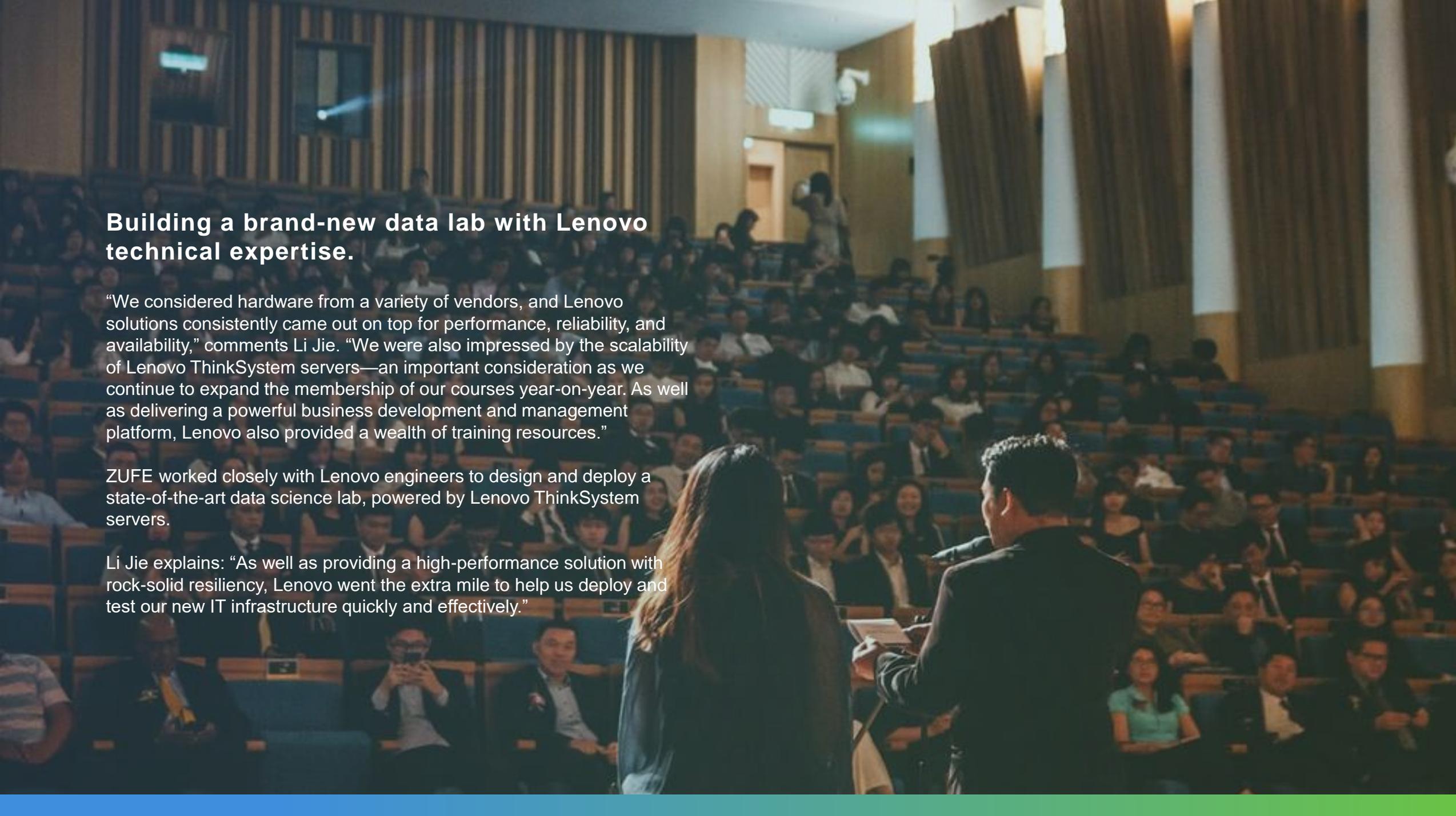
2 Challenge

Rapid technological innovation and the digitization of industry mean skills in areas such as big data, artificial intelligence, machine learning, the Internet of Things, and other emerging technologies are in high demand. The School of Data Science at ZUFE offers courses in economic statistics, applied statistics, financial mathematics, data science, and big data technology. It welcomes more than 240 undergraduate and 100 graduate students each year.

Each department at the School of Data Science conducts academic research based on data. In recent years, more than 330 academic papers have been published in respected national and international journals—170 of which have been included in the Science Citation Index (SCI) and Social Sciences Citation Index (SSCI). The School of Data Science at ZUFE has also presided over the completion of almost 30 national scientific research projects. To equip students with the skills and knowledge required, the school looked to improve its talent program. In 2019, the School of Data Science at ZUFE teamed up with Lenovo to build a data science laboratory.

"Our students have a long track record of excelling in the theory of data science and strong hands-on skills. We wanted to give them the opportunity to apply these skills to more practical use cases. To apply what they have learned in the classroom to real-world problems, students must integrate theory with practice. Using their skills to solve real problems have the potential to bring real change to industry, helping to drive business and society forward."

Li Jie,
Deputy Dean of the School of Data Science,
Zhejiang University of Finance & Economics

Building a brand-new data lab with Lenovo technical expertise.

"We considered hardware from a variety of vendors, and Lenovo solutions consistently came out on top for performance, reliability, and availability," comments Li Jie. "We were also impressed by the scalability of Lenovo ThinkSystem servers—an important consideration as we continue to expand the membership of our courses year-on-year. As well as delivering a powerful business development and management platform, Lenovo also provided a wealth of training resources."

ZUFE worked closely with Lenovo engineers to design and deploy a state-of-the-art data science lab, powered by Lenovo ThinkSystem servers.

Li Jie explains: "As well as providing a high-performance solution with rock-solid resiliency, Lenovo went the extra mile to help us deploy and test our new IT infrastructure quickly and effectively."

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Results

With Lenovo ThinkSystem servers underpinning its academic research activities, the School of Data Science at ZUFE is on track to become a leading center of excellence for data science in China and beyond.

✓ **Supports academic research with powerful computing resources**

✓ **Empowers students to apply theoretical knowledge to real-world scenarios**

✓ **Helps accelerate innovation with faster access to analytics insights**

"Lenovo solutions are at the heart of our teaching and academic research activities, empowering students and staff to analyze and model huge volumes of data very rapidly, and make the most efficient use of computing resources."

Li Jie,
Deputy Dean of the School of Data Science,
Zhejiang University of Finance & Economics

What will you do with Lenovo Data Center Infrastructure?

Reduce costs and complexity by investing in a system that handles today's workload and expands to accommodate future growth.

Explore Lenovo ThinkSystem Server Solutions