Lingnan 嶺南大學 University 香港 Hong Kong

SDS School of Data Science 數據科學學院

人工智能学部
Division of Artificial Intelligence

LEO Dr David P. Chan Institute of Data Science
School of Data Science

DS Master of Science in Data Science





MASTER OF SCIENCE IN DATA SCIENCE

数据科学理学硕士课程

SHANGHAI RANKING 软科

2026上海软科世界一流学科
人工智能学科排名
全球NO. 76-100

DIVISION OF ARTIFICIAL INTELLIGENCE

ABOUT US
关于我们

1st

In the World for "Quality Education"
Times Higher Education (THE)
Impact Rankings 2026

《泰晤士高等教育大学影响力排名》
岭南大学蝉联
「优质教育」全球第一

No.76-100

In the World for
"Artificial Intelligence" of
2026 Global Ranking of
Academic Subjects

《2026上海软科世界一流学科排名》
岭南大学位列人工智能学科
全球首76-100位

No.84

In the World for
Times Higher Education (THE)
Asia University Rankings 2026

《泰晤士高等教育大学亚洲排名》
亚洲第84位

No. 257

In the World for
Times Higher Education (THE)
World University Rankings 2027

《2027 泰晤士高等教育大学世界排名》
岭南大学位列 全球首257 位

No.581

In the World for
Quacquarelli Symonds (QS)
World University Rankings 2027

《QS世界大学世界排名》
岭南大学大幅跃升120名

School of Data Science
数据科学学院

The School of Data Science at Lingnan University delivers a holistic data science education that integrates technical training, case studies, ethical reflection and strategic thinking. It cultivates students' technical expertise alongside critical thinking, communication and leadership skills, enabling graduates to meet the complex analytical needs of diverse industries. The school is commiteed to nurturing leaders and innovators who will spearhead Hong Kong and the Greater Bay Area towarrds a data-driven future, and driving Hong Kong's development into a smart society with mature data literacy.

岭南大学数据学院推行全面的数据科学教育，融合技术培训、案例研究、伦理思考与战略思维，培养学生技术专长及批判性思维、沟通和领导能力，助力毕业生满足各行业复杂分析需求，成为香港及大湾区迈向数据驱动未来的领导与创新者，推动香港发展为数据素养成熟的智慧社会。

Division of Artificial Intelligence
人工智能学部

The Division of Artificial Intelligence provides the technical foundation for data science research, with a speficia focus on the field of articial intelligence. It is responsible for developing and delivering courses related to machine learning, neural networks and cognitive computing, ensuring that students master the latest AI technologies and methodologies.

人工智能学部为数据科学研究提供技术基础，尤其侧重人工智能领域。该学部负责开设和提供机器学习、神经网络以及认知计算相关的课程，确保学生精通最新的人工智能技术和方法。

课程总监寄语 MESSAGE FROM THE PROGRAMME DIRECTOR

Welcome to the MSc in Data Science Programme at Lingnan Univerisity! Rooted in cutting-edge academic research, our programme integrates core modules including data analysis, machine learning and artificial intelligence. Through a dual appraoch combining theoretical instruction and hands-on project pratice, we help students build a systematic knowledge framework. At present, data science has become the core engine driving innovation and upgrading across all industries, and the demand for professionals in this field continues to surge in both Hong Kong and the global market.Leveraging our network of partnerships with leading enterprises, the programme opens a green channel for internships and provides students with valuable industry pratice opportunities. We are commited to the mission of nurturing professionals equipped with both solid tenhical capabilities and a local perspective, empowering you to stand out in the data era and inject strong impetus into the development of HongKong's digital economy.

欢迎各位报读岭南大学数据科学理学硕士课程！本课程立足学科前沿，整合数据分析、机器学习、人工智能等核心模块，通过理论授课与实战项目相结合的模式，构建系统化知识体系。当前，数据科学已成为驱动各行业创新的核心引擎，香港及全球市场对专业人才的需求持续攀升。课程依托头部企业资源网络，为学子打通实习绿色通道，提供宝贵的行业实践机会。我们始终以培养兼具技术实力与本土视野的专业人士为使命，助力大家在数据时代脱颖而出，为香港的数字经济发展注入强劲动力。

沈家星教授
数据科学理学硕士课程 课程总监
岭南大学数据科学学院 助理教授
Professor SHEN Jiaxing
Programme Director,
Master of Science in Data Science
Assistant Professor
School of Data Science, Lingnan Univerisity

COURSE INTRODUCTION
课程介绍

PROGRAMME HIGHLIGHTS 课程特点

Advance AI and Data Science Innovation
推动人工智能与数据科学创新

Explore the frontiers of artificial intelligence and data science through innovative algorithms, methodologies, and solutions that address emerging real-world challenges.

探索人工智能与数据科学前沿，通过创新算法、方法及解决方案应对不断涌现的现实挑战。

Integrate Multidisciplinary Knowledge and Applications
融合跨学科知识与应用

Combine expertise from statistics, computer science, mathematics, and industry domains to solve complex problems and create data-driven impact across diverse sectors.

融合统计学、计算机科学、数学及行业领域知识，以数据驱动方式解决复杂问题，创造跨领域价值。

Develop Future-Ready Data Science Professionals
培养面向未来的数据科学人才

Build professional expertise in AI, data analytics, critical thinking, problem-solving, and communication, preparing graduates to thrive in a rapidly evolving digital world.

培养人工智能、数据分析、批判性思维、问题解决及沟通表达能力，帮助学生在快速发展的数字时代脱颖而出。

Top-tier Enterprise Resources, Unlocking Internship Pathways
头部企业资源，打通实习绿色通道

Leverage industry partnerships, enterprise networks, and real-world opportunities to gain valuable exposure, expand professional connections, and accelerate career development.

依托企业合作伙伴及行业资源网络，拓展实践机会与职业视野，建立专业人脉，助力学子职业启航。

PROGRAMME STRUCTURE 课程结构

Required Course 必修科目

- Programming for Data Science
  - **数据科学编程**
- Data Mining
  - **数据挖掘**
- Machine Learning for Business
  - **商业中的机器学习**
- Statistics for Data Science
  - **数据科学统计学**
- Data Science Project
  - **数据科学项目**
- Database Management
  - **数据库管理**
- Foundation of Artificial Intelligence
  - **人工智能基础**

Elective Course (Any 3) 选修科目 (选三)

- Introduction to Cyber Security
  - **网络安全概论**
- Computer Vision
  - **计算机视觉**
- Social Computing
  - **社会计算**
- Practical Application of Deep Learning
  - **深度学习的实际应用**
- Geospatial Intelligence for Sustainable Development
  - **可持续发展的地理空间智能**
- Cloud Computing
  - **云计算**
- Operations Management
  - **运营管理**
- Business Decision Making with Software
  - **业务决策与软件应用**
- Big Data Analytics
  - **大数据分析**
- Agentic AI
  - **智能体人工智能**
- Natural Language Processing
  - **自然语言处理**
- Data Visualization
  - **数据可视化**
- Mobile Edge Computing
  - **移动边缘计算**
- Blockchain
  - **区块链**
- Healthcare Analytics
  - **医疗保健分析**

***Elective courses will be offered subject to sufficient demand and the availability of the Division**
***选修科目开设与否取决于学生需求及学部的教学安排**

Pre-entry Course 预科科目

Applicants with no or limited background in computer science or statistics will be required to complete non-credit bearing pre-entry course(s):
未曾修读过计算机科学或统计学科目，或对这些科目认知较少的申请人须在本课程开始前完成相应预科科目：

- Introduction to computing
  - **计算概论**
- Statistics
  - **统计学**

ADMISSION REQUIREMENTS
入学条件

GENERAL QUALIFICATIONS 一般申请资格

Applicants holding a Bachelor's degree in Engineering, Science or other equivalent discipline form a tertiary education institution recognised for this purpose by the University, or an equivalent qualification, or satisfactory evidence of academic and professional attainment, will be considered on a case-by-case basis.

申请人需持有由本大学认可的高等教育机构授予的工程学、理学或其他同等学科学士学位；或取得同等学历； 或提供令人满意的学术和专业成就证据。

ENGLISH LANGUAGE REQUIREMENTS 英语能力要求

An applicant whose degree or, exceptionally, an alternative qualification deemed equivalent from a tertiary institution is not using English as the medium of instruction (MOI) for the programme should obtain：

- a minimum score of 4 (Internet-based test) in TOEFL (within 2 years), or
- a band score of 6.0 or above in IELTS (within 2 years), or
- a minimum score 62 with no sub-score below 59 in PTE Academic (within 2 years), or
- a minimum score of 450 (within 5 years) or above in College English Test Band 6 (CET-6), with proof of competency in spoken English; or
- an equivalent qualification to prove his/her English language proficiency which will be considered on a case-by case basis.

如申请人所取得之学位（或在特殊情况下，由高等教育机构颁发的同等资历）并非以英语为授课语言，则应取得：

- **网上托福考试最低4分 (2年有效期)；或**
- **雅思（学术）6.0分或以上 (2年有效期)；或**
- **培生学术英语考试总分不低于62分，各单项不低于59分 (2年有效期)；或**
- **大学英语六级考试（CET-6）成绩不低于450分 (5年有效期)，并提供英语口语能力证明；或**
- **被认可考试的同等成绩，以证明其英语语言能力，这将根据具体情况予以考虑。**

OTHER INFORMATION 其他资料

MODE OF STUDY **修读方式**	**FULL TIME** **全日制**
MEDIUM OF INSTRUCTION **授课语言**	**ENGLISH** **英语**
STUDY PERIOD **修读年限**	**NORMAL: 1 Year** **一般年限 : 1 年**
TUITION FEE **学费**	**HK$293,000** **港币293,000**

Scholarships might be considered for outstanding students on the basis of academic merit. All students admitted to the programme will automatically be the candidates for the scholarships. No application is required.

入学奖学金将授予成绩优异的申请者，入读本课程的学生均具备资格成为奖学金候选人，不需要额外申请。

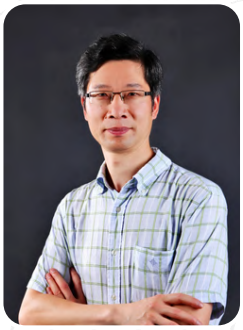
OUTSTANDING PROFESSORS
卓越师资



秦泗钊教授
Prof. QIN Si Zhao Joe
岭南大学校长
韦基球数据科学讲座教授
「全球首2%顶尖科学家」
「欧洲文理科学院、香港工程院、美国国家发明家科学院 院士」
工业工程与自动化全港第一



陈汉夫教授
Prof. CHAN Raymond Hon Fu
学术暨教务副校长
林文赞科学计算讲座教授
「全球首2%顶尖科学家」
「美国工业与应用数学学会、美国数学学会、中国工业与应用数学学会 会士」
数值与计算数学全港第一



姚新教授
Prof. YAO Xin
副校长（研究及创新）
唐天燊机器学习讲座教授
「全球首2%顶尖科学家」
「香港工程院 院士」
「2020 IEEE Frank Rosenblatt 奖得主」
人工智能与影像处理全港第一



邝得互教授
Prof. KWONG Sam Tak Wu
协理副校长（策略型研究）
利荣康计算智能学讲座教授
「全球首2%顶尖科学家」
「美国国家发明者学会、加拿大工程院、香港工程院院士」



宋永端教授
Prof. SONG Yongduan
数据科学学院院长
方润华工业数据科学讲座教授
「全球首2%顶尖科学家」
「中国工程院外籍院士」
「中国人工智能学会 会士」



谢浩然教授
Prof. XIE Haoran
数据科学学院副院长
教授兼人工智能学部负责人
「全球首2%顶尖科学家」
「香港工程院青年院士」



张滇教授
Prof. ZHANG Dian
数据科学学院副院长
副教授兼工业数据科学学部负责人
「2019年中国教育部自然科学二等奖」
「2022年深圳市自然科学一等奖」



Prof. MOREL Jean-Michel Henri Olivier
讲座教授
「全球首2%顶尖科学家」
「卢森堡科学与艺术院外籍院士」



沈家星教授
Prof. SHEN Jiaxing
MScDS 课程总监
助理教授
PhD (PolyU HK)



李宗禧教授
Prof. LI Zongxi
MScAIBA 课程总监
助理教授
PhD (CityU HK)



东承祖教授
Prof. DONG Chengzu
MResADS 课程总监
教学助理教授
PhD (Deakin)



李楠教授
Prof. LI Nan
MScAAIS 课程总监
教学助理教授
PhD (CityU HK)



俞丽莎教授
Prof. YU Lisha
DAIS 课程总监
教学助理教授
PhD (CityU HK)



赵瀚荣教授
Prof. CHIU Hon Wing, Billy
助理教授
PhD (Cambridge)



Prof. PAPYSHEV Gleb
助理教授
PhD (HKUST)



李钧扬教授
Prof. LEE Kwan Yeung, Kester
教学助理教授
PhD (CUHK)



杨雨韵教授
Prof. YANG Yuyun
教学助理教授
PhD (Stanford)



陈红华教授
Prof. CHEN Honghua
研究助理教授
PhD (NUAA)

SHARING FROM GRADUATES
毕业生分享



Mr. WANG
School of Data Science
Lingnan University
Manager, Global Risk and Compliance function, HSBC Hong Kong

王同学
岭南大学数据科学学院
2026届 数据科学理学硕士课程毕业生
香港汇丰银行环球金融合规科技部经理

I chose the MScDS programme for its blend of technical depth and business application, as well as Hong Kong's strengths as an international financial centre. Through dedicated faculty support, diverse peer interactions, and hands-on projects, I developed data-driven problem-solving skills and gained practical experience applying machine learning in financial settings. These experiences laid a strong foundation for my career at HSBC in financial compliance technology. Lingnan not only enhanced my professional capabilities but also launched my career journey.

当初选择岭南大学数据科学硕士课程，是因为课程兼顾技术深度与商业应用，并善用香港作为国际金融中心的独特优势。一年学习期间，老师们悉心的指导和与不同背景同学的交流启发，让我学会从多元视角运用数据分析解决真实商业问题。课程中的实践项目更让我在毕业前累积了将机器学习应用于金融场景的实战经验，并为加入汇丰银行、投身金融合规科技领域奠定坚实基础。岭南大学不仅提升了我的专业能力，也成为我职业发展的重要起点。



Mr. ZHANG
School of Data Science
Lingnan University
Junior Solution Manager, Chinasoft International Technology Service (Hong Kong) Limited

张同学
岭南大学数据科学学院
2026届 数据科学理学硕士课程毕业生
中软国际科技服务（香港）有限公司
初级解决方案经理

My year at Lingnan University was a transformative experience. The programme's strong balance of theory and practice equipped me with solid knowledge and real-world problem-solving skills. Determined to build my career in Hong Kong, I actively pursued internship and job opportunities, learning from every challenge along the way. With the support of the programme's career and internship initiatives, I gained valuable industry experience and successfully launched my professional journey. MScDS programme laid a strong foundation for my future growth.

在岭南攻读硕士的一年，是我成长最快的阶段。岭南大学数据科学课程兼顾理论与实践，让我扎实掌握专业知识，并提升了解决实际问题的能力。怀着留港发展的目标，我积极争取实习和就业机会，虽然过程中经历不少挑战与挫折，却始终坚持不懈。感谢课程提供的实习与就业支持，让我获得宝贵的行业经验，并成功开启职业发展之路。从校园迈向职场，这段经历让我更坚定地相信：主动把握机遇、持续自我提升，终将迎来属于自己的成长与突破。

The year I spent in the MScDS programme at Lingnan University was both enriching and rewarding. Through diverse academic activities and research-oriented courses, I broadened my knowledge and strengthened my passion for learning. With the support and encouragement of faculty members and fellow students, I embraced challenges and grew both academically and personally. I sincerely thank Lingnan University and all my teachers for their guidance and support. As I embark on a new journey, I will continue pursuing my goals with confidence, gratitude, and determination.

在岭南MScDS学习的这一年里，是极为丰富且充实的一年。多样的学术活动与研究课程，快速填满了我求知的渴望。只要怀揣拼搏钻研的精神，学校的老师和同学们都会毫无保留地支持你去努力尝试，不必畏惧困难。我至今难忘那些挑灯奋战、熬到天亮的夜晚，正是这些磨砺，让我的研究生生活意义非凡，也让我坚信努力终有回响。感谢母校的培育，感谢诸位老师的陪伴与帮助。即将踏上新的征程，我会带着这份温暖与力量，在未来的科研路上继续坚定前行。感恩与诸位恩师及伙伴的相遇！



Mr. GU
School of Data Science
Lingnan University
PhD, the University of Hong Kong
谷同学
岭南大学数据科学学院
2026届 数据科学理学硕士课程毕业生
香港大学博士研究生

My one-year study experience at Lingnan University has been incredibly rewarding. Our group members collaborated closely, held regular discussions, shared ideas, and solved problems together, fostering a strong academic atmosphere. I was also deeply touched by the dedication of the faculty members. In particular, Professor Shen and Professor Dong provided patient guidance on experimental design, carefully reviewed my research progress, and even offered valuable advice on career planning. Their support not only accelerated my academic growth but also made me fully appreciate the power of teamwork.

在岭南的这一年学习经历让我受益匪浅。小组同学之间团结协作，定期开展讨论，分享思路，共同攻克难题，营造了浓厚的学术氛围。老师们的认真负责也让我深感温暖，尤其是沈家星教授和东承祖教授，他们耐心指导实验设计，细致审阅课题进度，甚至关心职业规划。这种支持让我在学术上迅速成长，同时感受到团队的力量。



Mr. CHEN
School of Data Science
Lingnan University
PhD, Zhejiang University
陈同学
岭南大学数据科学学院
2025届 数据科学理学硕士课程毕业生
浙江大学博士研究生

STUDENT ACHIEVEMENTS AND INDUSTRY ENGAGEMENT
学生成就与行业交流

ACADEMIC EXCELLENCE 卓越学术成就

Mr. WANG 王同学

Paper 论文:
BoyueSQL: Knowledge-Graph-Grounded NL2SQL for Local Enterprise Database Querying

IEEE ICDM (CCF B), 2026

Mr. GU, Mr. ZUO 谷同学, 左同学

Paper 论文:
MAD-HAR: Privacy-Preserving On-Device Human Action Recognition via Multiagent LLM Debate

IET Software (CCF B), 2026



CAREER DEVELOPMENT 职业发展机会



Industry Expert Sharing and Career Development Opportunities
行业专家分享与职业发展机会

Hosted by Programme Office, the workshop "AI Innovation and Entrepreneurship: Bridging Global Research and Local Industries" brought together leading academics and industry experts to explore AI innovation, industrial applications, and entrepreneurship. In collaboration with institutions including the University of Toronto, the University of Auckland, Hong Kong Polytechnic University, AWS, and SF Technology, the event provided students with valuable research, internship, and career opportunities.

课程办公室主办的「人工智能创新与创业：链接全球研究与本地产业」专题工作坊汇聚海内外学界与业界专家，聚焦AI前沿发展、产业应用与创新创业实践。活动联动多伦多大学、奥克兰大学、香港理工大学及AWS、顺丰科技等机构，为学生提供科研、实习及职业发展机会。



AFS Group: Exploring the Frontier of the AI Industry Through Internships
软牛科技：前沿人工智能企业实习计划

AFS Group provides students with valuable internship opportunities in the AI industry. By participating in cutting-edge AI projects, receiving professional mentoring, and gaining workplace experience, students can develop practical skills, broaden their industry perspectives, and enhance their career readiness.

AFS Group为学生提供宝贵的人工智能行业实习机会。学生可参与前沿AI项目、接受专业导师指导，并通过职场实践培养实务能力，拓展行业视野，为未来职业发展做好准备。



SF Express: Exploring Smart Logistics and Industry Innovation
顺丰：探索智慧物流与行业创新

Students visited the SF Express Corporate Image Center to explore smart logistics technologies, digital supply chain innovations, and real-world applications of artificial intelligence in the logistics industry. Through industry insights and immersive learning experiences, students gained a deeper understanding of digital transformation, intelligent operations, and emerging trends shaping the future of logistics and supply chain management.

学生走进顺丰企业形象展示中心，深入了解智慧物流技术、数字供应链创新，以及人工智能在物流行业中的实际应用。通过行业分享与沉浸式参访体验，同学们加深了对数智化转型、智能运营及物流行业发展趋势的理解，进一步拓展了对智慧物流与供应链管理未来发展的认知与视野。



DJI: Discovering the Excitement of Technology Innovation
大疆：沉浸体验科技创新魅力

During the visit to the DJI Experience Center, students explored cutting-edge technologies in drones, robotics, and intelligent systems. Through guided product demonstrations, technology sharing sessions, hands-on drone experiences, and RoboMaster activities, they gained a deeper understanding of the real-world applications of advanced technologies, experienced innovation in action, and broadened their perspectives on the future of intelligent industries and technological development.

参访大疆体验中心期间，学生近距离接触无人机、机器人及智能系统等前沿科技。通过产品导览、技术分享、无人机实操体验及机甲大师互动活动，同学们深入了解先进技术的实际应用场景，沉浸式感受科技创新与工程研发的魅力，进一步拓展了对智能产业发展趋势及未来机遇的认知。

ENQUIRIES 信息及咨询

(852) 2616 8090 (852) 2616 7038

mscds_admission@LN.edu.hk

Unit M, 1/F, Lingnan Hub, Lingnan University,
Tuen Mun, N.T., Hong Kong
香港新界屯门青山道8号岭南大学岭南坊1楼M室

官方网站
Website
ln.edu.hk/sds/dai/mscds

微信公众号
Wechat

小红书
Little Red Book

微博
Weibo

课程微信号
Programme Wechat

在线申请系统
Online Application System