

Data Science and AI in Islamic States

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ABSTRACT:

This report examines the involvement of universities in Islamic states in the fields of Artificial Intelligence (AI), data science, and data analytics, specifically within the domains of business and finance. It investigates the contributions and activities of higher education institutions across a diverse range of countries, focusing on their research outputs, faculty expertise, and notable projects. The aim is to highlight the advancements and applications of AI in finance, providing insights into how these institutions are leveraging technology to address contemporary challenges in the financial sector. The findings underscore the growing importance of AI in finance and its potential to drive innovation and economic growth in Islamic states.

SUMMARY:

The proliferation of AI, data science, and data analytics has revolutionized various sectors, significantly impacting business and finance. Islamic states, with their burgeoning educational institutions, are increasingly contributing to this transformation. This report delves into the role of universities in these regions, examining their involvement in AI and related technologies.

The primary objective is to catalog and analyze the contributions of universities in Islamic states to AI in finance. The scope includes identifying research centers, notable projects, and faculty expertise in the domains of business and finance across these institutions.

The research reveals that universities across various regions are significantly advancing the integration of Artificial Intelligence (AI), Data Science into business and finance. Institutions of Islamic States are actively engaged in AI and Data Science research with a focus on business and financial applications, contributing to innovation in financial management and analytics through dedicated departments and robust research programs. It provides a detailed catalog of these universities, including their specific departments involved in AI and data science related to business and finance, along with their respective webpage URLs. The report recommends increased collaboration between these institutions and industry stakeholders, as well as greater investment in AI and data science programs to further enhance their impact on the global financial sector.

List of Islamic States:



Republic of Azerbaijan



Hashemite Kingdom of Jordan



Islamic Emirate of Afghanistan



State of the United Arab Emirates



Republic of Indonesia



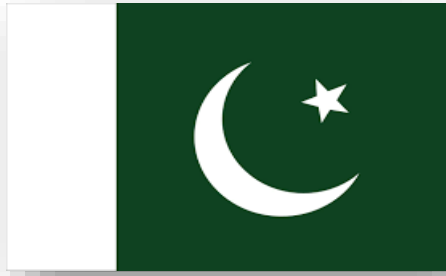
Republic of Uzbekistan



Republic of Uganda



Islamic Republic of Iran



Islamic Republic of Pakistan



Kingdom of Bahrain



Brunei Darussalam



People's Republic of Bangladesh



Republic of Benin



Burkina Faso



Republic of Tajikistan



Republic of Turkey



Republic of Chad



Republic of Togo



Republic of Tunisia



People's Democratic Republic of Algeria



Republic of Djibouti



Kingdom of Saudi Arabia



Republic of the Sudan



Republic of Suriname



Syrian Arab Republic



Republic of Sierra Leone



Republic of Senegal



Federal Republic of Somalia



Republic of Iraq



Sultanate of Oman



Republic of Gabon



Republic of the Gambia



Republic of Guyana



Republic of Guinea



Republic of Guinea Bissau



State of Palestine



Republic of Kazakhstan



State of Qatar



Union of Comoros



Kyrgyz Republic



Republic of Cameroon



Republic of Cote d'Ivoire



State of Kuwait



Republic of Lebanon



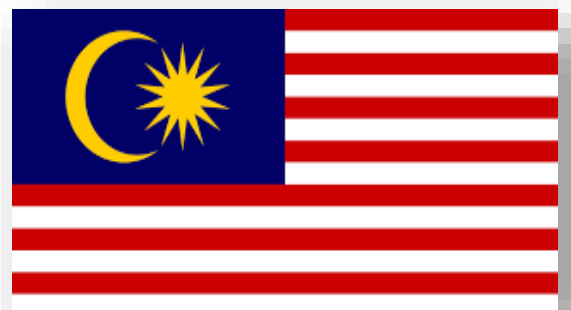
State of Libya



Republic of Maldives



Republic of Mali



Malaysia



Arab Republic of Egypt



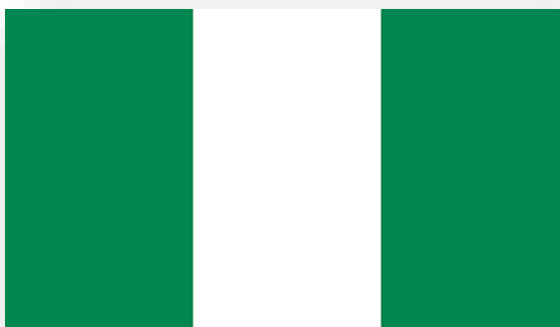
Kingdom of Morocco



Islamic Republic of Mauritania



Republic of Niger



Federal Republic of Nigeria



Republic of Yemen

Islamic State Universities: Catalysts for AI and Data Science Innovation in Business and Finance

Algeria:

- i. LRIA, Computer Science Department, University of Sciences and Technology Houari Boumediene, USTHB - BP 32 El-Alia, Beb-Ezsoaur, Algiers, 16111, Algeria.

Webpage URL: <https://lria.usthb.dz/>

Bangladesh:

- i. Department of Finance and Banking, Hajee Mohammad Danesh Science and Technology University, Dinajpur, Bangladesh
Department of Finance, University of Chittagong, Chittagong, Bangladesh

Webpage URL: https://hstu.ac.bd/business_studies/fib

Webpage URL: <https://web.cu.ac.bd/v2/>

Egypt:

- i. The University of Mansoura, Mansoura, Egypt
- ii. Department of Management, Faculty of Commerce, Mansoura University, Mansoura, Egypt; Accounting Department; Faculty of Commerce, Portsaid University, Portsaid, Egypt; Department of Accounting, Faculty of Commerce, Mansoura University, Mansoura, Egypt.

Webpage URL: <https://www.mans.edu.eg/en>

Webpage URL: [https://study-in-](https://study-in-egypt.gov.eg/categories/All/35/Port-Said-University)

[egypt.gov.eg/categories/All/35/Port-Said-University](https://study-in-egypt.gov.eg/categories/All/35/Port-Said-University)

Webpage URL: <https://comfac.mans.edu.eg/en/lms/courses-category/coursecategory/accounting>

- iii. Mathematics Department, Zagazig University, Zagazig, Egypt

Webpage URL: <http://en.science.zu.edu.eg/faculty/default>

Indonesia:

- i. Faculty of Economics and Business, University of Indonesia, Depok, 16424, Indonesia
Webpage URL: <https://feb.ui.ac.id/en/>
- ii. Institut Agama Islam Darussalam (IAID), Ciamis, Indonesia; Faculty of Business and Economics, University of Indonesia, Depok, Indonesia
Webpage URL: <https://www.pmb.uidc.ac.id/>
- iii. Faculty of Economics and Business, Universitas Indonesia, Depok, Indonesia;
Darussalam Institute of Islamic Studies, Ciamis, West Java, Indonesia; Department of Mathematics, University of Sumatera Utara, Medan, North Sumatera, Indonesia;
Department of Statistics, Padjadjaran University, West Java, Indonesia; International Trade of ASEAN and RRT Region, Polytechnic of APP, DKI Jakarta, Indonesia;
Department of Mathematics, Statistics study program, Riau University, Pekanbaru, Riau, Indonesia
Webpage URL: <https://feb.ui.ac.id/en/>
Webpage URL: <https://www.uidc.ac.id/>
Webpage URL: <https://fmipa.usu.ac.id/en>
Webpage URL: <https://www.unpad.ac.id/>
- iv. Faculty of Administrative Science, Brawijaya University, Indonesia
Webpage URL: <https://fia.ub.ac.id/en/>

Iran:

- i. Department of Chemical and Petroleum Engineering, Sharif University of Technology, Tehran, Iran;
Faculty of Managing and Accounting, College of Farabi, University of Tehran, Qom, Iran;

Department of Chemical Engineering, Faculty of Engineering,
University of Bojnord, Bojnord, Iran

Webpage URL: <https://en.sharif.edu/>

Webpage URL: <https://farabi.ut.ac.ir/en/page/7130/faculty-of-management-and-accounting>

Webpage URL: <https://farabi.ut.ac.ir/en>

- ii. Faculty of Economics and Management, Urmia University, Urmia, Iran;

Faculty of Electrical and Computer Engineering, Urmia University, Urmia, Iran

Webpage URL: <https://en.urmia.ac.ir/Economics-and-Management-Faculty>

Webpage URL: <https://en.urmia.ac.ir/Electrical-and-Computer-Engineering-Faculty>

- iii. Department of Management, Islamic Azad University, Neyshabur, Iran

Webpage URL: <https://neyshabur.iau.ir/fa>

- iv. Department of Industrial Engineering, Islamic Azad University, Tehran, Iran

Webpage URL: <https://stb.iau.ir/en/page/8791/technical-and-engineering-faculty>

- v. Faculty of Computer Engineering and Science, Shahid Beheshti University, Tehran, Iran.

Webpage URL: isn't available

Iraq:

- i. College of Computer Science and Information Technology,
University of Basrah, 61004, Iraq

AL-Zahraa College of Medicine, University of Basrah, 61004, Iraq

College of Science, University of Basrah, 61004, Iraq

Webpage URL: <https://en.cit.uobasrah.edu.iq/>

Webpage URL: <https://en.zahra.uobasrah.edu.iq/>

Webpage URL: <https://en.sci.uobasrah.edu.iq/>

Jordan:

- i. Department of Accounting, Faculty of Economics and Administrative Sciences, Hashemite University, Zarqa, Jordan.
Webpage URL: <https://hu.edu.jo/en/>

Kingdom of Bahrain:

- i. College of Computer Studies, University of Technology Bahrain, Salmabad, Kingdom of Bahrain
Webpage URL: <https://www.utb.edu.bh/college-of-computer-studies/>

Lebanon:

- i. Department of Finance, Accounting and Managerial Economics, Olayan School of Business, American University of Beirut, P.O. Box 11-0236, Riad El-Solh Street, Beirut, 1107 2020, Lebanon
Webpage URL: <https://aub.edu.lb/>
- ii. Department of Business Information and Decision Systems, Olayan School of Business, American University of Beirut, P.O. Box: 11-0263, Riad El-Solh, Beirut, 1107-2020, Lebanon;
Department of Finance, Accounting and Managerial Economics, Olayan School of Business, American University of Beirut, Beirut 1107 2020, P.O. Box 11-0236, Riad El-Solh Street, Lebanon
Webpage URL: <https://aub.edu.lb/>
Webpage URL: <https://www.aub.edu.lb/osb/facultyresearch/Pages/faculty.aspx>
- iii. Olayan Business school, American University of Beirut, Beirut, Lebanon
Webpage URL: <https://www.aub.edu.lb/osb/Pages/default.aspx>

Malaysia:

- i. Graduate Business School, College of Graduate Studies, Universiti Tenaga Nasional (UNITEN), 43000 Kajang, Selangor, Malaysia
Webpage URL: <https://www.uniten.edu.my/>
- ii. University of Malaya, Department of Applied Statistics, Faculty of Economics and Administration, Kuala Lumpur, 50603, Malaysia
Webpage URL: <https://fpe.um.edu.my/>
- iii. IIUM Institute of Islamic Banking and Finance, International Islamic University, Kuala Lumpur Campus, 205A Jalan Damansara, Damansara Heights, Kuala Lumpur, 50480, Malaysia;
Kulliyah of Information, Communication and Technology, International Islamic University Malaysia, Jalan Gombak, Kuala Lumpur, Selangor, 53100, Malaysia.
Webpage URL: <https://institute.iium.edu.my/iiibf/>
Webpage URL: <https://kulliyah.iium.edu.my/kict/>
- iv. Department of Economics and Financial Studies, Universiti Teknologi Mara, Bandar Puncak Alam, Malaysia;
Department of Finance, Universiti Teknologi Mara Melaka, Melaka, Malaysia; Advanced Analytics Engineering Centre, FSKM, Universiti Teknologi Mara, Shah Alam, Malaysia
Webpage URL: <https://fbm.uitm.edu.my/index.php/department-of-economics-and-financial-studies>
Webpage URL: <https://melaka.uitm.edu.my/index.php/en/>
Webpage URL: <https://aaec.uitm.edu.my/>
- v. School of Business, Swinburne University of Technology, Sarawak, Malaysia
Webpage URL: <https://www.swinburne.edu.my/faculty/faculty-of-business-design-and-arts/fbd-business.php>
- vi. Finance and Banking Department, Faculty of Business and Accountancy, University of Malaya, Kuala Lumpur, 50603, Malaysia
Webpage URL: <https://fpe.um.edu.my/>

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- vii. Faculty of Business, Economics and Social Development, Universiti Malaysia Terengganu, Malaysia
Webpage URL: <https://fbesd.umt.edu.my/>
 - viii. Asia Pacific University of Technology and Innovation, Kuala Lumpur, Malaysia.
Webpage URL: <https://www.apu.edu.my/>
 - ix. Monash University, Malaysia
Webpage URL: <https://www.monash.edu.my/>

Morocco:

- i. ESCA School of Management, 7, Abou Youssef El Kindy Street, BD Moulay Youssef, Casablanca, Morocco.
Webpage URL: <https://www.esca.ma>
- ii. ESCA School of Management, Casablanca, Morocco
Webpage URL: <https://esca.ma/>
- iii. LMA, FSTT, Abdelmalek Essaadi University, Tetouan, Morocco
Webpage URL: <https://www.uae.ac.ma/>

Nigeria:

- i. Centre for Econometric & Allied Research, University of Ibadan, Ibadan, Nigeria.
Webpage URL: <https://cear.org.ng/new/>

Pakistan:

- i. Department of Management Sciences, University of Azad Jammu and Kashmir, Muzaffarabad, Pakistan;
Department of Mathematics and Statistics, Hazara University Mansehra, Pakistan
Webpage URL: <https://ajku.edu.pk/department-of-management-sciences/>
Webpage URL: <https://www.hu.edu.pk/departamental-data/8>

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- ii. Department of Banking and Finance, School of Business & Economics, University of Management & Technology (UMT), Lahore, Pakistan;
FOMS, UCP Business School, University of Central Punjab, Lahore, Pakistan;
Department of Banking and Finance, School of Business and Economics, University of Management & Technology (UMT), Lahore, Pakistan
Webpage URL: <https://hsm.umt.edu.pk/dof1/home.aspx>
Webpage URL: <https://ucp.edu.pk/faculty-of-management-sciences/>
 - iii. School of Mechanical and Manufacturing Engineering, National University of Science and Technology, Islamabad, Pakistan
Webpage URL: <https://smme.nust.edu.pk/>
 - iv. Department of Tourism and Hospitality, Hazara University, Pakistan
Department of Law, Shaheed Benazir Bhutto Women University, Peshawar, Pakistan
Webpage URL: <https://www.hu.edu.pk/departamental-data/19>

Saudi Arabia:

- i. Islamic Research and Training Institute, Islamic Development Bank, Jeddah, Saudi Arabia
Webpage URL: <https://isdbinstitute.org/>
- ii. Department of Management Information Systems, College of Business Administration, King Saud University, Riyadh, Saudi Arabia
Webpage URL: <https://cba.ksu.edu.sa/en/content/mis>
- iii. Prince Mohammad Bin Salman College (MBSC), 7082-BayLaSun-Juman Street, Unit No 1, King Abdullah Economic City, Saudi Arabia
Webpage URL: <https://www.mbsc.edu.sa/>

Tunisia:

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- i. Faculty of Economics and Management of Sfax, Sfax University, Sfax, Tunisia
Webpage URL: <https://univ-sfax.tn/>
 - ii. Faculty of Business and Economic Sciences, University of Sfax, Sfax, Tunisia;
Higher Institute of Business Administration, University of Sfax, Sfax, Tunisia.
Webpage URL: <https://univ-sfax.tn/>
 - iii. Laboratory Research for Economy, Management and Quantitative Finance, Institute of High Commercial Studies, University of Sousse, Tunisia
Webpage URL: <https://uso.rnu.tn/>
 - iv. Finance and Accounting Methods, Higher Institute of Business Administration (ISAAS), University of Sfax, B.P. 1013, Sfax, 3018, Tunisia
Webpage URL: <https://www.mbsc.edu.sa/>
 - v. Department of Finance, Faculty of Economics and Management of Nabeul, University of Carthage, Nabeul, Tunisia;
IFGT Lab, Faculty of Economic Sciences and Management of Tunis, University of Tunis El Manar, ERF Research Fellow, Tunis, Tunisia;
IFGT Lab, Faculty of Economic Sciences and Management of Tunis, University of Tunis El Manary, Tunis, Tunisia
Webpage URL: <https://ibima.org/>
Webpage URL: <https://fsegt.rnu.tn/>

Turkey:

- i. Istanbul Technical University (ITU), Department of Management Engineering, ITU Isletme Fakultesi, Macka, Istanbul, 34367, Turkey
Webpage URL: <https://islmuh.itu.edu.tr/en>

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- ii. Department of Economics, Faculty of Economics and Administrative Sciences, Dogus University, Istanbul, Turkey.
Webpage URL: <https://www.dogus.edu.tr/en>
 - iii. Faculty of Economics & Administrative Sciences, Health Care Management, Hacettepe University, Ankara, Turkey.
Webpage URL: <https://sid.hacettepe.edu.tr/en>
 - iv. Istanbul Medipol Universitesi, Istanbul, Turkey.
Webpage URL: https://www.globalacademia.com/en/istanbul-medipol-university-application/?gad_source=1&gclid=Cj0KCQjwwO20BhCJARIsAAnTIVSCGniSrSBRAtt1GbuPnBWneMjQfIA7Ao82zTp33zGiNQWskwRI0ylaApAzEALw_wcB
 - v. Department of Industrial Engineering, Koc University, Istanbul, Turkey.
Webpage URL: <https://ie.ku.edu.tr/>
 - vi. Altinbas University, Department of Economics, Turkey
Webpage URL: <https://international.altinbas.edu.tr/e/program/economics>
 - vii. Department of Computer Engineering, Manisa Celal Bayar University, Manisa, Turkey;
Department of Business Administration, Manisa Celal Bayar University, Manisa, Turkey.
Webpage URL: <https://en.mcbu.edu.tr/>
Webpage URL: <https://en.isletme.cbu.edu.tr/>
 - viii. Department of Healthcare Management, Ankara University, Ankara, Turkey.
Webpage URL: http://bbs.ankara.edu.tr/Amac_Hedef.aspx?bno=1436&bot=33

ix. Duzce University, Turkey

Webpage URL: <https://mailto:izzetkilin%C3%A7@duzce.edu.tr/>

United Arab Emirates:

i. Department of Computer Science, University of Sharjah, Sharjah, 27272, United Arab Emirates;

Department of Accounting, University of Sharjah, Sharjah, 27272, United Arab Emirates;

Department of Information Systems, University of Sharjah, Sharjah, 27272, United Arab Emirates.

webpage URL:

<https://www.sharjah.ac.ae/en/academics/Colleges/CI/dept/cs/Pages/default.aspx>

Webpage URL:

<https://www.sharjah.ac.ae/en/academics/Colleges/business/dept/Accounting/Pages/default.aspx>

Webpage URL:

<https://www.sharjah.ac.ae/en/academics/Colleges/CI/dept/dmis/Pages/default.aspx>

ii. Reach Holdings, Dubai, United Arab Emirates.

Webpage URL: <https://reach-holding.com/>

iii. Dubai Business School, University of Dubai, Academic City, PO Box 14143, Dubai, United Arab Emirates

Webpage URL: <https://ud.ac.ae/>

iv. Abu Dhabi University

Webpage URL: <https://www.adu.ac.ae/>

v. College of Business, Abu Dhabi University, Abu Dhabi, UAE

Webpage URL: <https://www.adu.ac.ae/study/colleges/college-of-business>

