



This is not an ADB material. The views expressed in this document are the views of the author/s and/or their organizations and do not necessarily reflect the views or policies of the Asian Development Bank, or its Board of Governors, or the governments they represent. ADB does not guarantee the accuracy and/or completeness of the material's contents, and accepts no responsibility for any direct or indirect consequence of their use or reliance, whether wholly or partially. Please feel free to contact the authors directly should you have gueries.

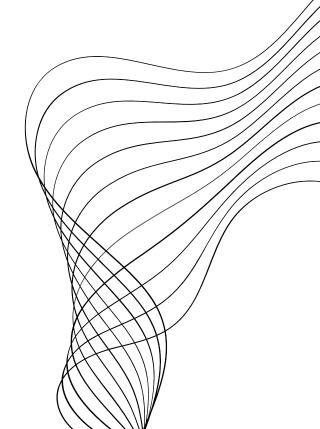
Driving Digital Development across Asia and the Pacific

Erika Fille T. Legara, Ph.D.

Associate Professor / Aboitiz Chair in Data Science Asian Institute of Management



INTERNAL. This information is accessible to ADB Management and staff. It may be shared outside ADB with appropriate permission





GKI RANK



Enabling Environment

RANK VALUE

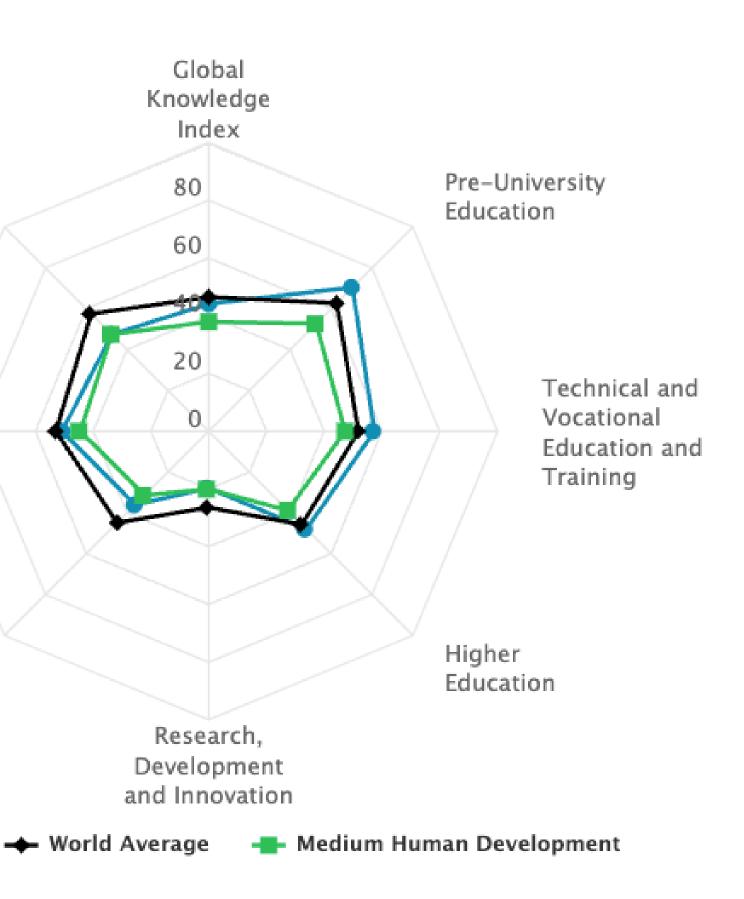
	PRE-UNIVERSITY EDUCATION	57	70.47
(?)-	TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING	41	57.39
	HIGHER EDUCATION	51	47.94
(Ö)-	RESEARCH, DEVELOPMENT AND INNOVATION	96	19.73
P	INFORMATION AND COMMUNICATIONS TECHNOLOGY	92	36.06
-	ECONOMY		50.81
	ENABLING ENVIRONMENT	101	47.4

Economy

Information and Communications Technology







HE G	GLOBAL AI INDEX	Overall 🔷	Talent ≑	Infrastruct	ure Operating Environment \$	Research ≑	\$	nt.	\$	nt Strate®Y Commercia \$	X	Scale	Intensity
	United States	1	1	1	28	1	1		8	1		1	5
*)	China	2	20	2	3	2	2		3	2		2	21
0	Singapore	3	4	3	22	3	5		16	4		10	1
	United Kingdom	4	5	24	40	5	8		10	5		4	10
+	Canada	5	6	23	8	7	11		5	7		7	7
:•:	South Korea	6	12	7	11	12	3		6	18		8	6
\$	Israel	7	7	28	23	11	7		47	3		17	2
	Germany	8	3	12	13	8	9		2	11		3	15
Ŧ	Switzerland	9	9	13	30	4	4		56	9		16	3
0	Tunisia	56	44	54	53	47	53		58	61		57	53
(\mathbf{r})	Morocco	57	60	47	48	56	58		50	62		55	58
	Bahrain	58	61	39	43	58	60		61	36		58	56
C	Pakistan	59	33	61	61	49	57		55	58		59	61
	Sri Lanka	60	56	58	60	62	62		58	54		60	59
	Nigeria	61	49	62	56	52	59		54	59		61	60
	Kenya	62	59	60	59	60	61		56	47		62	62

Tortois^a.

ERIKA FILLE T. LEGARA, PHD BRIDGING THE AI EDUCATION GAP IN DEVELOPING COUNTRIES



TOP 3 - 2022 EDUNIVERSAL BEST MASTERS RANKING

Data Analytics in Far East Asia

	# 1	Master of Science in Business Analytics Hong Kong University of Science and Te Kong)
	# 2	International MBA - elective in Business Analysis Waseda Business School (Japan)
*	# 3	Master of Science in Data Science AIM - Asian Institute of Management (Phlilippines)
(***	# 4	Master of Science in Accounting (Data & Analytics) Singapore Management University (Sing
	# 5	MSc in Data Science and Business Stati The Chinese University of Hong Kong (H Kong)
nt and staff. It may be shared outside ADB with a	#6	Professional MBA - elective in Business Analytics Sogang University (South Korea)

INTERNAL. This information is accessible to ADB Management and staff. It may be shared outside ADB with appropriate permission





s echnology (Hong

s Data

&

ngapore)

tistics Hong

"DEVELOP INNOVATION AND TECHNOLOGY-ORIENTED MANAGERS, LEADERS AND ENTREPRENEURS WHO WILL TAKE THE LEAD IN TRANSFORMING ASIAN BUSINESS AND SOCIETY"

Jikyeong Kang, President and Dean, AIM

ERIKA FILLE T. LEGARA, PHD BRIDGING THE AI EDUCATION GAP IN DEVELOPING COUNTRIES INTERNAL. This information is accessible to ADB Management and staff. It may be shared outside ADB with appropriate permission.



Help industry innovate and remain competitive in the field of analytics. Provide service and manpower.

INDUSTR

Contribute to the growing pool of knowledge of analytics and computing. Properly train graduate students in both theory and applied science.





Remain relevant and significant for society. Work with the government to help improve its services. Develop a data-driven culture in the Philippines.



BUILDING AI FUTURES

Catalysts and Challenges



Drive innovation, provide real-world insights, mentor students, and bridge academic-industry gaps.

PRACTITIONERS



Deliver updated curriculum, foster critical thinking, ensure hands-on learning, and inspire future Al leaders.



Enable hands-on training, support advanced research, ensure reliable connectivity, and facilitate global collaboration.

TRAINED EDUCATORS

ERIKA FILLE T. LEGARA PHD INTERNAL, This information is accessible to ADP Management BRIDGING THE ATEDUCATION GAP IN DEVELORING COUNTRIES







INFRASTRUCTURE



Boost resources, enhance curriculum relevance, provide industry exposure, and foster global academic exchanges.

PARTNERSHIPS

BUILDING AI FUTURES

Catalysts and Challenges



- Limited local Al expertise
- Few mentorship opportunities
- Lack of hands-on industry experience

PRACTITIONERS



- Shortage of Al trainers.
- Limited access to continuous
- professional dev't
- Lack of interdisciplinary DSAI education

TRAINED EDUCATORS



- Inadequate tech resources
- Unreliable internet connectivity
- facilities

INFRASTRUCTURE

BRIDGING THE ATEDUCATION GAP IN DEVELORING COUNTRIES ERIKA FILLE LEGARA PHD



• Lack of SOTA labs and



- Difficulty in forging industry-academia collaborations
- Limited int'l academic partnerships
- Lack of alignment with government initiatives

PARTNERSHIPS

