Big Data, Innovation & Entrepreneurship:

Closing the *gap* between **ambition** and **action**

ASIAN INSTITUTE OF MANAGEMENT

Christopher Monterola, PhD
School of Innovation, Technology, and Entrepreneurship (SITE)

1

First in the Philippines and among the *very* first program in Asia for Innovation (MSIB), Data Science (MSDS), Entrepreneurship (ME)

First industry facing academic research lab **ACCeSs@AIM**

ASIAN INSTITUTE OF MANAGEMENT 50 1968 – 2018

MSIB 2017
Average increase in salary of Graduates ~252%

ME 2018-2020
Average Annual revenue/Student ~ USD$ 3.1 Million

MSDS 2019
45% fully Sponsored based on merits

ASIAN INSTITUTE OF MANAGEMENT

RANKED #3

★★★★

Master of Science in Data Science

In Data Analytics in Far East Asia

eduniversal MASTERS RANKING — 2018

The best Masters and MBAs worldwide

Source: http://www.best-masters.com/ranking-master-data-analytics-in-far-eastern-asia.html

2 Attracting partners from industry and government agencies

UnitedHealth Group℠

savvysherpa®

Ayala

dti
DEPARTMENT OF TRADE & INDUSTRY PHILIPPINES

SM

aboitiz

Mynt
A FRESH LOOK AT MONEY

acer

ATRAM

Manulife

ANALOG DEVICES

Unilever

NutriAsia

SECURITY BANK

MSU-ILIGAN INSTITUTE OF TECHNOLOGY
1968

Program Sponsors

19/42 MSDS 2019 students have full sponsorships
12/53 MSIB 2020 students have full sponsorships

Selection from a wider pool of brilliant students

ASIAN INSTITUTE OF MANAGEMENT

ANALYTICS, COMPUTING, AND COMPLEX SYSTEMS LABORATORY (ACCeSs)

Accelerating Innovation

envisioned to lead and promote the use of **data science**, **artificial intelligence**, and **computational models** to help industries, government agencies, and other sectors to innovate.

ASIAN INSTITUTE OF MANAGEMENT

ANALYTICS, COMPUTING, AND COMPLEX SYSTEMS LABORATORY (ACCeSs)

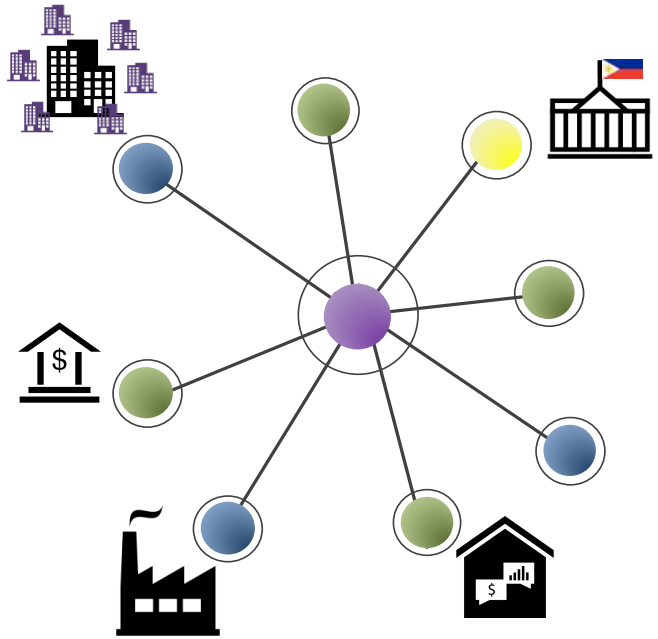
Training Data Science Leaders

Housing a **500 teraflops** supercomputer, **fastest** in the Philippines and among the top in ASEAN. ACCeSs aims to be a data haven* within the Asia Pacific region.

Data within AIM now includes: Hazard data, Extensive social media data, Education data, Census data, Financial wealth data (municipality level), OSM data, PISA data, world bank data on human development index etc.

ASIAN INSTITUTE OF MANAGEMENT 50 1968 – 2018

*locations with legal environments friendly to the concept of a computer network freely holding **data** and even protecting its content and associated information



To promote partnerships that enable faculty, researchers, graduate students, policy-makers and executives, and industry decision-makers to work on projects that will directly impact the businesses, society, and the communities...

Dr. Chris Monterola

Dr. Erika Legara

Dr. Christian Alis

Ed David, Jr.

Dr. JR Paguirigan

Dr. Jill Cabatbat

Gino Borja

Unisse Chua

Dr. Felix Valenzuela

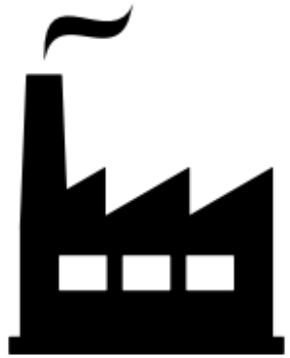
ASIAN INSTITUTE OF MANAGEMENT

ANALYTICS, COMPUTING, AND COMPLEX SYSTEMS LABORATORY (ACCeSs)

Current Projects and Initiatives

To **catalyze** ***public-private R&D collaboration***, involving industries, governments, and the academia

CONGLOMERATE



MANUFACTURING COMPANY

FINANCIAL INSTITUTIONS

GOVERNMENT AGENCIES

Winner of 2 prestigious International Innovation awards

ANALYTICS, COMPUTING, AND COMPLEX SYSTEMS LABORATORY (ACCeSs)

To catalyze *public-private R&D* **collaboration**, involving industries, governments, and the academia

Technological Innovation of the Year

- Asian Institute of Management, Philippines
- Assam Don Bosco University, India
- Gulf Medical University, United Arab Emirates
- Universiti Malaysia Sarawak (UNIMAS), Malaysia
- Xi'an Jiaotong University, China
- Yonsei University, South Korea

Announcement of the top winners: Abu Dhabi from **30 April to 2 May 2019**

3 Commitment to be nation builders

A2A *for MSMEs*

Access **to** **A**CCeSs@AIM, *translab* for MSMEs to gain access to critical capabilities in data science and advanced analytics

URBAN ACCeSs

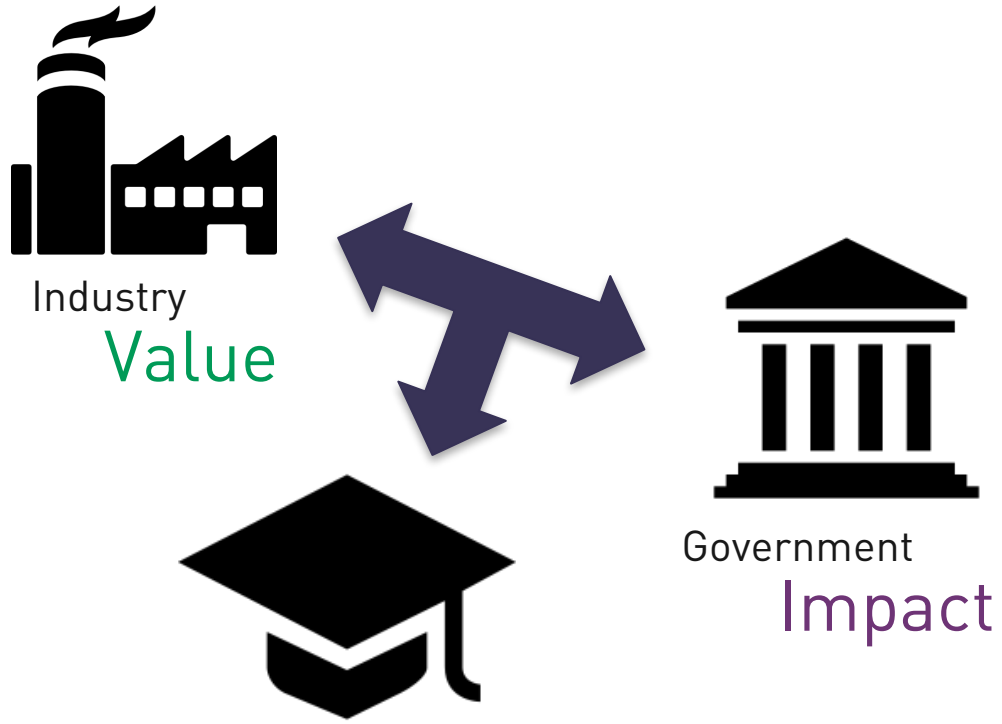
Center of excellence dedicated in managing and creating solutions for livable cities

AI 101010

Nationwide initiative of educating top **10**k students across **10** regions for **10**k minutes on **AI**

4 creating innovation and thought leaders for Industry **4.0**

Implementing policies and/or strategies based on intuition alone can be expensive, time consuming, and sometimes catastrophic, especially when wrong.



data-driven strategies are the new normal

THANK YOU

SALAMAT Tagalog / Filipino	شكرا Arabic	고맙습니다 Korean
धन्यवाद Hindi	ขอขอบคุณ Thai	ありがとう Japanese
TERIMA KASIH Malay / Indonesian	ຂອບໃຈ Lao	谢谢 Chinese

AIM