The Hong Kong University of Science and Technology
MSc Program in Data-Driven Modeling
PHYS 6771 Data-Driven Modeling Seminars and Tutorials
Seminar Report Form

Note:

1. Each seminar summary: > 100 words.
2. You can attach your notes taken in the seminar with equivalent word limits (handwritten notes are fine), but do not copy from any existing materials.
3. After each seminar, please submit your form to mscddm@ust.hk or the Program Office at Room 4452.

Section I. Personal Particulars

Student's Name:	ZHANG Mingtao	Student ID:	20989977

Session II. Seminar Report

Date:	17 November 2023 (Friday)	Time:	Starts at 16:00 HKT
Title:	Latest Trends and Opportunities in Data and AI		
Speaker:	Mr. Jerry SHAM, Practice Lead of Data & AI of NCS NEXT, NCS Group Hong Kong		
Summary: (>100 words)	Need to make tomorrow and our community better Pace of technology changes has been accelerating over the past 15 years: Facebook, Twitter, WhatsApp, Uber, Instagram, GPT… Changes from before 2020 to beyond 2020: Focus: Digital presence and connectivity → Deeper digital integration, Digital-first innovation models Approach: Consumer-focused → Enterprise and industry-focused Key technologies: Internet, Smartphones, Social media, E-commerce → AI, Metaverse, Digital Trust, ICT for sustainability Impactful innovation: ideating, industrializing, harnessing How to achieve? ↓ Make tomorrow Safer, Healthier, Sustainable, Collaborative, Inclusive, Empowered, Human; Engaging, Resilient, Secure, Connected, Simpler, Inspiring AI and data play a pivotal role in enabling an intelligence driven digital enterprise: Data Architecture, Data Engineering, Gig Data & AI Platforms, Analytics & Insights, Business & Mobility Intelligence, AI Models & Applications. Define: build your strategic and technical blueprint Ignite: spark and accelerate your innovation Realise: optimise your data analytics application		

The question you/your classmate asked that inspired you the most in the seminar: 1. What do students require most in order to become competitive? 2. How to balance the speed(size) and requirements about models? Speaker's answer to the above question: 1. Academic result, or can prove that you have the required knowledge. 2. Find small models first, then do test depending on data and train a larger model. Make several optimizations and give the best answer.
Attachments: ____ pages (if any, for example, handwritten summaries)

Session III. For the Program Office of MSc in Data-Driven Modeling Use Only

Submission Date:			
Verified by:		Verified date:	