Special Lab Session for Practical Skills

This practical session offers students hands-on experience in utilizing supercomputing resources to solve complex computational problems across various domains such as data science, machine learning, and scientific research. The Practical Lab is designed to be integrated with the Team Teaching Program

This session is designed for all students in Universitas Gunadarma. By grouping the cluster of knowledge, we group the material into types, the social humaniora and engineering technology. The practice enforces the students familiarize themselves with the architecture and operation of AI and supercomputers, to learn the ethical practice of AI, and provide practical training and exposure to high-end computing infrastructure .

Workshop and Training for Indonesia universities

1. Workshop: Tools for High Performance Computation

   UG held a workshop related to high-level data processing. This activity was attended by students of the Information Technology Doctoral Postgraduate Program, as well as students and lecturers of UGy.

2. Supercharging Your AI Code with DGX A100

The workshop participants were students of the Information Technology Doctoral Program at UG. This activity is also a mentoring to students who are in the dissertation research stage to use the Nvidia DGX A100 Super Computer machine at UG.
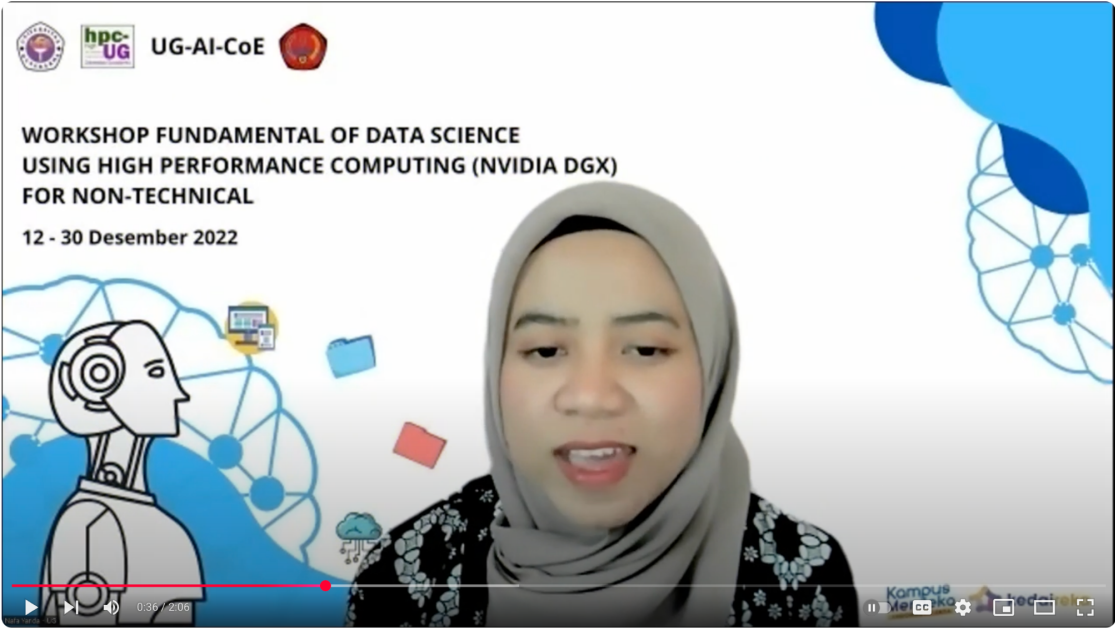

Link: Workshop Supercharging Your AI Code with DGX A100

3. Fundamental of Data Science using High Performance Computing (Nvidia DGX)

UG held a Workshop: Fundamentals of Data Science which was attended by lecturers from Universitas Mulia Balikpapan. This activity is a form of collaboration between Gunadarma University (UG) and **Universitas Mulia Balikpapan**.

Workshop Fundamental of Data Science - Universitas Gunadarma dan Universitas Sulawesi Tenggara
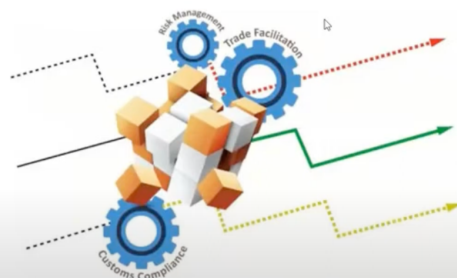
Link [Workshop Fundamental of Data Science - Universitas Gunadarma dan Universitas Sulawesi Tenggara](#)

4. Microcredential Associate Data Scientist

   Kemdikbudristek Dikti RI, held Microcredential Associate Data Scientist training. Students who can take part in this training are students in the 5th semester and above, and have attended mathematics, statistics and programming courses. UG is one of the implementing campuses (hosts) in this training, and involves lecturers as instructors / lecturers in this training. The material presented in this training is in accordance with the Standar Kompetensi Kerja Nasional Indonesia (SKKNI) No. 299 of 2020.

Link: https://www.youtube.com/watch?v=Uzu-as_TJPs&t=396s&ab_channel=GunadarmaCollaboration