

Matlab Programming & Artificial Intelligence

27-28 Dec 2022 (Tue & Wed)
UKM Bangi
[Medium: Malay / English]

Are you doing research or work that requires you to develop a system or predict outcomes? Do you want to impress your supervisor or colleague with **advanced techniques** and **artificial intelligence data analyses**?

Perhaps, you're now thinking which software is right for you. You may use software like SPSS, Minitab, C, R, Python and Java. But, **Why don't you consider Matlab?**

Programming using Matlab is easier and faster. It promotes research and development since Matlab has **toolboxes** for various fields such as Statistics, **Artificial Neural Networks (ANN)**, **Fuzzy Logics**, Optimization, Signal Processing and others.

In this course, **Matlab Programming, Artificial Neural Networks (ANN), Adaptive Neuro-Fuzzy Inference System (ANFIS)** and **Response Surface Methodology (RSM)** will be explained in an easy and effective manner based on years of experience working in this area.

This course is suitable for researchers and postgraduates from various fields such as **Science, Technology, Engineering, Economics, Business Study, Medicine and Social Science**. You can expect no difficult terminology or jargon used.

It is open to all **researchers**. The outcome is that participants will know how to use MATLAB, ANN, ANFIS and RSM to solve their own problems and present their results in **thesis** or **journal**. No prior knowledge of computer programming is needed.

Program

Day 1 (27 Dec 2022): Matlab Programming

Time	Module
8:50 am	Registration
9:00 am	Working with User Interface Matrix Manipulation – Part 1
10:30 am	Tea Break
11:00 am	Matrix Manipulation – Part 2
1:00 pm	Lunch
2:30 pm	Data Analyses and Visualization (Plot) Logic & Flow Control – Part 1
3:30 pm	Tea Break
4:00 pm	Logic & Flow Control – Part 2
5:00 pm	End

Day 2 (28 Dec 2022): Artificial Intelligence

Time	Module
9:00 am	Artificial Intelligence in Research and Practice
10:30 am	Tea Break
11:00 am	Matlab: Artificial Neural Networks Concept and Application - handons
1:00 pm	Lunch
2:30 pm	Matlab: ANFIS (Neuro-Fuzzy System) Concept and Application - handons
3:30 pm	Tea Break
4:00 pm	Matlab: Response Surface Methodology Concept and Application - handons
5:00 pm	End of Program

Further Information: www.bengkelmatlab.com

Learning Facilitator

Anuar Kasa (Ir. Dr.) is a senior lecturer. His interest lies in the area of geotechnical engineering, computational mechanics, artificial intelligence, statistical analysis and mind technology. He is a Certified Neuro-Linguistic Programming (NLP) Trainer and Meta-Coach. He has conducted courses on Matlab Programming and Artificial Intelligence for researcher since 2012.

Preparation

Please bring your own laptop. Any question, contact: 0183792011

Investment

Option 1: **Matlab Programming and Art. Intelligence**
(2 day course: 27-28 Dec 2022)
Researcher: RM500 | PhD/Master Student: RM400

Option 2: **Artificial Intelligence**
(1 day course: 28 Dec 2022)
Researcher: RM250 | PhD/Master Student: RM200

Registration

Please visit www.bengkelmatlab.com and click on registration link

Payment

Please make payment to:
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Thank you.
Register now!

Small gathering. Knowledge sharing. Interactive and hand-ons.

