

AI-Assisted Coding for Statistical Analysis in Public Health

A hands-on workshop for HKU research postgraduate students using AI coding tools to accelerate public health research.

Open to all RPG students

Free to attend

Voluntary with No Credit

(Stata · R · Python) X (ChatGPT · Claude Code · Gemini · Perplexity)

WHAT YOU WILL LEARN

Chatbot, IDE & Agentic AI Tools

Choose and combine ChatGPT, Claude Code and GitHub Copilot for public health analysis.

AI-Assisted Coding

Build and debug Stata, R and Python code for regression, survival analysis and microsimulation.

Health Economic Modelling

Develop cost-effectiveness, Markov and Monte Carlo models with AI coding support.

Ethics, Privacy & Reproducibility

Apply data governance, responsible AI use and reproducible workflow practices.

SESSION SCHEDULE · IN-PERSON ONLY

SESSION 1

MON · JULY

6

10:00–11:45

Room 3SR-SR5

SESSION 2

MON · JULY

13

10:00–11:45

Room 3SR-SR5

SESSION 3

MON · JULY

20

10:00–12:00

Room 3SR-SR5

SESSION 4

MON · JULY

27

10:00–12:00

Room 3SR-SR2

INSTRUCTORS

DB

Prof David Bishai

School of Public Health, HKU

Instructor

LM

Dr Lai Ming Ho

School of Public Health, HKU

Instructor

PREREQUISITES

- ✓ Basic statistical coding in any software (Stata, R, or Python)
- ✓ Familiarity with public health and biostatistics concepts
- ✓ No prior experience with AI coding tools required — all introduced from scratch

Bring your own laptop and a coding question from your current research project.

KEY DETAILS

DATES

6, 13, 20 & 27 July 2026 · Every Monday

VENUE

Sassoon Road Campus · Rooms 3SR-SR5 (×3), 3SR-SR2 (×1)

AUDIENCE

HKU RPG students · All departments welcome

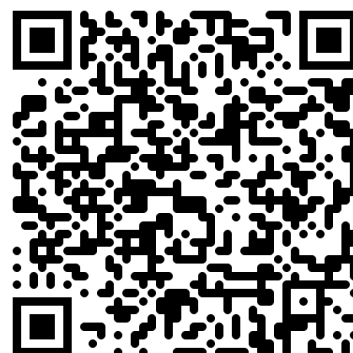
FEE

Free to attend · No registration fee

CONTACT (Teaching Assistant)

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School of Public Health

Registration Link



Complete after registering (5–8 min)