



Seminar Announcement

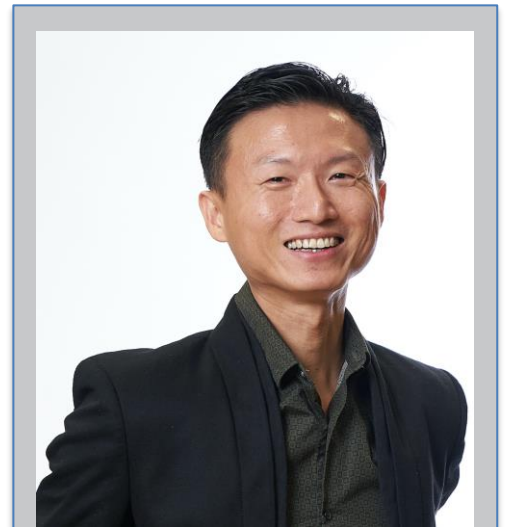
Some (surprisingly) simple hacks to get more out of your data

Date: 25 September 2020, Friday

Time: 4pm

Venue: Classroom 1, SBS

Data analysis is a complex affair. A blind adoption of universal methodologies may improve “publishability” but does not assure correctness (contributing to the reproducibility crisis). I discuss recent work on how blind adherence to standard missing value imputation, normalization and filtering rules (the two-peptide rule in proteomics) leads to error or reduced data quality. And demonstrate how to resolve these issues via simple yet logical means. Next, I briefly cover our suite of network-based approaches demonstrating their stability and coherence, noise-robustness and enhanced compatibility with ML/AI models. Finally, to tie everything together, I introduce our latest foray into mental health, big data integration and ML/AI development.



Speaker:

Wilson Goh

Lecturer

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