

郭柏志博士

Machine learning in medical imaging - seeding program

機器學習在影像醫學的運用－種子課程

課程時間 PM16:00-17:00

日期	課程名稱
107/05/24	Overview of machine learning and radiomics
107/06/28	Programming with Python
107/07/26	Basic of linear algebra with Python -Matrix operation -Transformation
107/08/23	Medical imaging preprocessing -Filtering -Fourier transform
107/09/27	Image segmentation and registration
107/10/25	Feature extraction -Histogram -Texture
107/11/22	Dimensionality reduction -Principal component analysis
107/12/27	Unsupervised learning -Hierarchical clustering, -K-means
108/01/24	Supervised learning -Naive Bayes classifier
108/02/27	Support vector machine (108/02/28 國定假日)
108/03/28	Deep learning -Neural network
108/04/25	Deep learning -Convolutional neural network

