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Course : COMP6577 – Machine Learning
Effective Period : February 2020

Review & Project Presentation

Session 25 & 26

Learning Outcome

- LO3: Student be able to experiment classification and clustering algorithm from given dataset

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Review Outline

- Feature Engineering: Feature Extraction & Selection
- The nearest neighbor rule (KNN)
- Logistic regression
- Support Vector Machine
- Classification Tree
- Clustering

End of Session 25 & 26

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References

- Sergios Theodoridis. (2015). *Machine Learning: a Bayesian and Optimization Perspective*. Jonathan Simpson. ISBN: 978-0-12-801522-3
- Aurélien Géron. (2017). 01. *Hands-on Machine Learning with Scikit-Learn and Tensorflow*. O'Reilly Media, Inc..LSI: 978-1-491-96229-9
- Sandhya Samarasinghe. (2006). *Neural Network for Applied Sciences and Engineering*. Auerbach Publications. ISBN: 978-0-8493-3375-0.
- https://www.aaai.org/Papers/KDD/1996/KDD96-037.pdf
- https://www.kaggle.com/jojoker/singapore-airbnb