

# **Change log For Machine learning Algorithms**

By Muhammad Danial Hakim Nor Azman

C00253517

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## Acknowledgement

ChatGPT was used for errors and references

Documentation of sklearn was also used for guidance and tutorial

Some of the video used to for this project :

LinearRegrssion – Follow slides on blackboard

Decision tree and random forest

<https://youtu.be/L39rN6gz7Y?si=fwARIkDORYXKp4Ak>

<https://youtu.be/v6VJ2RO66Ag?si=3To3KobRF65qLuBw>

Naive bayes

<https://youtu.be/ny1egBSrsTc?si=vAzjHtznCoE6zyMa>

<https://youtu.be/IFJbZ6LVxN8?si=sykXzw8flQIzi6Hn>

<https://youtu.be/XzSIEA4ck2I?si=TWdqnCFgudqToCML>

KNearestNeighbors

<https://youtu.be/HVXime0nQeI?si=9CRuswRvSEmHyx1x>

RandomForest

<https://youtu.be/v6VJ2RO66Ag?si=iDOxgjp7XlV3vj>

[https://youtu.be/J4Wdy0Wc\\_xQ?si=QQbk5sfjMof7x4mt](https://youtu.be/J4Wdy0Wc_xQ?si=QQbk5sfjMof7x4mt)

SupportVectorClassifier

<https://youtu.be/efR1C6CvhmE?si=jOfmHdG2nfBPNGOF>

CNN – Pytorch and tensorflow included

[https://youtu.be/HGwBXDKFk9I?si=zxwctELdp3tA\\_9nQ](https://youtu.be/HGwBXDKFk9I?si=zxwctELdp3tA_9nQ)

<https://youtu.be/tHL5STNJKag?si=lCsQud8zXDtEj0ba>

<https://youtu.be/ORMx45xqWkA?si=n9xqAF4TS2QINBIO>

<https://youtu.be/WvoLTXIjBYU?si=XQhltX-TqohsPqch>

Dataset used:

<https://www.kaggle.com/datasets/tapakah68/email-spam-classification>

<https://www.kaggle.com/datasets/uciml/red-wine-quality-cortez-et-al-2009>

<https://www.kaggle.com/datasets/karimabdulnabi/fruit-classification10-class>

<https://www.kaggle.com/datasets/subhamjain/loan-prediction-based-on-customer-behavior>

<https://www.kaggle.com/datasets/mysarahmadbhat/lung-cancer>