# Bookmarks

### Bookmarks bar

### ML

[#오늘의 파이썬 #1일1오파 #파이썬 # python - DACON](https://dacon.io/competitions/open/235698/overview/description)

### week1

[손실 함수(loss function) 정의 - MAE, MSE, MLE](https://velog.io/@cha-suyeon/DL-%EC%86%90%EC%8B%A4-%ED%95%A8%EC%88%98loss-function-%EC%A0%95%EC%9D%98)

[[손실함수] Binary Cross Entropy](https://curt-park.github.io/2018-09-19/loss-cross-entropy/)

[[ML101] #3. Loss Function](https://brunch.co.kr/@mnc/9)

[[AI 응용 ML] 이론 | 3.3 RSS, MSE, MAE, 𝑹^𝟐 (결정 계수)](https://0ver-grow.tistory.com/m/1145)

[[머신러닝] 손실함수의 종류](https://velog.io/@rcchun/%EB%A8%B8%EC%8B%A0%EB%9F%AC%EB%8B%9D-%EC%86%90%EC%8B%A4%ED%95%A8%EC%88%98%EC%9D%98-%EC%A2%85%EB%A5%98)

[최대우도법(MLE) - 공돌이의 수학정리노트](https://angeloyeo.github.io/2020/07/17/MLE.html)

[부스트캠프 week2 심화 주제](https://velog.io/@dayday/%EB%B6%80%EC%8A%A4%ED%8A%B8%EC%BA%A0%ED%94%84-week2-%EC%8B%AC%ED%99%94-%EC%A3%BC%EC%A0%9C)

### week2

[How to Develop an End-to-End Machine Learning Project and Deploy it to Heroku with Flask](https://www.freecodecamp.org/news/end-to-end-machine-learning-project-turorial/)

[python AutoML라이브러리 pycaret 사용법](https://velog.io/@gyounghwan1002/python-AutoML%EB%9D%BC%EC%9D%B4%EB%B8%8C%EB%9F%AC%EB%A6%AC-pycaret-%EC%82%AC%EC%9A%A9%EB%B2%95)

[한 줄의 코드로 자동학습! 머신러닝을 자동화하는 AutoML](https://doooob.tistory.com/110)

[데이터 표준화에 대한 질문입니다. - 인프런 | 질문 & 답변](https://www.inflearn.com/questions/31498)

[(작성중) 20220719 DACON 스터디 2주차](https://velog.io/write?id=c3439f08-7ae5-4187-9ff8-a1207f53e50b)

[PCA vs t-SNE](https://amazelimi.tistory.com/13)

[PCA vs t-SNE: which one should you use for visualization | by Namratesh Shrivastav | Analytics Vidhya | Medium](https://medium.com/analytics-vidhya/pca-vs-t-sne-17bcd882bf3d)

[파이썬 원-핫 인코딩(One-hot encoding) 정리 - GROWTH.J](https://growthj.link/python-%EC%9B%90-%ED%95%AB-%EC%9D%B8%EC%BD%94%EB%94%A9one-hot-encoding-%EC%A0%95%EB%A6%AC-get_dummies/)

[SMOTE - 인코덤, 생물정보 전문위키](http://www.incodom.kr/SMOTE)

[오버샘플링 기법(Over Sampling Methods)](https://wyatt37.tistory.com/10)

[주성분 분석(PCA)를 이해해보자](https://bong-sik.tistory.com/22)

[t-SNE 개념과 사용법 - gaussian37](https://gaussian37.github.io/ml-concept-t_sne/)

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[차원축소, 시각화 도구: t - SNE (Stochastic Neighbor Embedding) : 네이버 블로그](https://m.blog.naver.com/xorrms78/222112752837)

[Train / Test / Validation set의 차이 :: 프라이데이](https://ganghee-lee.tistory.com/38)

[3.1. Cross-validation: evaluating estimator performance — scikit-learn 1.1.1 documentation](https://scikit-learn.org/stable/modules/cross_validation.html)

[GridSearch를 이용한 머신러닝 Hyperparameter 튜닝](https://teddylee777.github.io/scikit-learn/grid-search-%EB%A1%9C-hyperparameter%EC%B5%9C%EC%A0%81%ED%99%94)

[타이타닉 생존 예측 경진대회 - DACON](https://dacon.io/competitions/open/235539/overview/description)

[⚖️ Machine Learning Model Evaluation Metrics | Kaggle](https://www.kaggle.com/code/ishivinal/machine-learning-model-evaluation-metrics/notebook)

### week3

[로지스틱 회귀 · ratsgo's blog](https://ratsgo.github.io/machine%20learning/2017/04/02/logistic/)

[[머신러닝] 분류의 성능 평가 지표](https://iphoong.tistory.com/7?category=1009852)

[[핵심 머신러닝] 로지스틱회귀모델 1 (로지스틱함수, 승산) - YouTube](https://www.youtube.com/watch?v=l_8XEj2_9rk)

[로지스틱 회귀분석의 원리와 장점 :: Deep Play](https://3months.tistory.com/327)

[[머신러닝] 나이브 베이즈 (Naive Bayes)](https://gomguard.tistory.com/69)

[나이브 베이즈 분류(Naive Bayes Classification)](https://glanceyes.tistory.com/entry/%EB%82%98%EC%9D%B4%EB%B8%8C-%EB%B2%A0%EC%9D%B4%EC%A6%88-%EB%B6%84%EB%A5%98Naive-Bayes-Classification)

[[ML] 결정트리(Decision Tree) - 기본구조와 CART, ID3 알고리즘](https://heeya-stupidbutstudying.tistory.com/41)

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[[머신러닝] K-최근접 이웃(K-NN) 알고리즘 및 실습](https://rebro.kr/183)

### week4

[[핵심 머신러닝] 선형회귀모델 1 (개요, 모델가정) - YouTube](https://www.youtube.com/watch?v=4Yo297HQyAk)

[[머신러닝 이론] 회귀 (Regression) :: For a better world.](https://roytravel.tistory.com/57)

[[머신러닝] 회귀(Regression) 알고리즘](https://iphoong.tistory.com/8)

[선형 회귀분석의 4가지 기본가정](https://kkokkilkon.tistory.com/175)

[선형 회귀 모형 가정을 왜 하는가?](https://laoonlee.tistory.com/5)

[5.1 선형 모델 | Forecasting: Principles and Practice](https://otexts.com/fppkr/regression-intro.html)

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[회귀 모델의 종류와 특징](https://brunch.co.kr/@gimmesilver/38)

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[다중공선성과 ML/DL problems](https://velog.io/@jkl133/%EB%8B%A4%EC%A4%91%EA%B3%B5%EC%84%A0%EC%84%B1%EA%B3%BC-MLDL-problems)

[선형 모델 Linear Models - YouTube](https://www.youtube.com/watch?v=KLgjSGrl_WI)

[\_3 선형 모델(Linear Models).ipynb - Colaboratory](https://colab.research.google.com/drive/1p6piFoPCAt2jgQ6FWCDearaB6bojNlJE)

[House Price Prediction 🏡 | Kaggle](https://www.kaggle.com/code/emrearslan123/house-price-prediction/notebook)

### week5

[[머신러닝 완벽가이드] 스태킹 앙상블](https://kimdingko-world.tistory.com/186)

[앙상블 (Ensemble)의 기본 개념 - tyami’s study blog](https://tyami.github.io/machine%20learning/ensemble-1-basics/)

[Ensemble Learning : Voting and Bagging](https://velog.io/@jiselectric/Ensemble-Learning-Voting-and-Bagging-at6219ae)

[부트스트랩에 대하여 (Bootstrapping) – Learning Carrot](https://learningcarrot.wordpress.com/2015/11/12/%EB%B6%80%ED%8A%B8%EC%8A%A4%ED%8A%B8%EB%9E%A9%EC%97%90-%EB%8C%80%ED%95%98%EC%97%AC-bootstrapping/)

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[앙상블 Ensemble - YouTube](https://www.youtube.com/watch?v=5PX1ivMiLMA&list=PL7ZVZgsnLwEEd3-h-jySLz4wT154r7VVr&index=9)

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[PyTorch Lecture 01: Overview - YouTube](https://www.youtube.com/watch?v=SKq-pmkekTk)

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[Batch, Mini-Batch, SGD 정의와 설명 및 예시 :: nonameyet](https://nonmeyet.tistory.com/entry/Batch-MiniBatch-Stochastic-%EC%A0%95%EC%9D%98%EC%99%80-%EC%84%A4%EB%AA%85-%EB%B0%8F-%EC%98%88%EC%8B%9C)

[3.1. 선형 회귀(Linear Regression) — Dive into Deep Learning documentation](http://ko.d2l.ai/chapter_deep-learning-basics/linear-regression.html)

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[[딥러닝] Drop-out(드롭아웃)은 무엇이고 왜 사용할까?](https://heytech.tistory.com/127)

[machine learning 기초 용어 - error와 generalization](https://ml-dnn.tistory.com/2)

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[가중치 초기화 (Weight Initialization)](https://reniew.github.io/13/)

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[sklearn.datasets 모듈을 활용하여 샘플데이터 로딩하기](https://teddylee777.github.io/scikit-learn/Sklearn-dataset-%EB%AA%A8%EB%93%88%EC%9D%84-%ED%99%9C%EC%9A%A9%ED%95%98%EC%97%AC-dataset%EB%A1%9C%EB%94%A9%ED%95%98%EA%B8%B0)

[PyTorch – CUDA (GPU) 사용하기 – Lifetime behind every seconds](https://yonghyuc.wordpress.com/2019/08/06/pytorch-cuda-gpu-%EC%82%AC%EC%9A%A9%ED%95%98%EA%B8%B0/)

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[CLIP: 텍스트와 이미지를 연결](https://openai.com/blog/clip/)

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