**9월까지 2차 프로젝트**

1. **수학**
   * **수학 독학 관련 정보**

[**https://velog.io/@otter275/%EC%88%98%ED%95%99-%EC%A0%84%EA%B3%B5%EC%9E%90%EA%B0%80-%EC%B6%94%EC%B2%9C-%ED%95%98%EB%8A%94-%EC%9C%A0%ED%8A%9C%EB%B8%8C-%EC%88%98%ED%95%99-%EA%B0%95%EC%9D%98-%EB%AA%A9%EB%A1%9D**](https://velog.io/@otter275/%EC%88%98%ED%95%99-%EC%A0%84%EA%B3%B5%EC%9E%90%EA%B0%80-%EC%B6%94%EC%B2%9C-%ED%95%98%EB%8A%94-%EC%9C%A0%ED%8A%9C%EB%B8%8C-%EC%88%98%ED%95%99-%EA%B0%95%EC%9D%98-%EB%AA%A9%EB%A1%9D)

* + **수학채널 쑤튜브 ( 한글 싸이트 )**

[**https://www.youtube.com/channel/UC3hr2KDGoW9ivF9hVmxmn7Q**](https://www.youtube.com/channel/UC3hr2KDGoW9ivF9hVmxmn7Q)

* + **선형대수**
    - **이상엽**[**https://www.youtube.com/watch?v=525w2Zqh13M&list=PL127T2Zu76FuVMq1UQnZv9SG-GFIdZfLg**](https://www.youtube.com/watch?v=525w2Zqh13M&list=PL127T2Zu76FuVMq1UQnZv9SG-GFIdZfLg)
    - **길버트 스트랭 교수(응용에 초점이 맞춰져서 수학 전공에서 중요시되는 추상적 이론 내용은 깊게 배우기 어렵다는게 단점)**

[**https://www.youtube.com/watch?v=ZK3O402wf1c&list=PL49CF3715CB9EF31D&index=1**](https://www.youtube.com/watch?v=ZK3O402wf1c&list=PL49CF3715CB9EF31D&index=1)

* + - **Axler 교수(linear algebra done right'의 저자)**

[**https://www.youtube.com/watch?v=lkx2BJcnyxk&list=PLGAnmvB9m7zOBVCZBUUmSinFV0wEir2Vw**](https://www.youtube.com/watch?v=lkx2BJcnyxk&list=PLGAnmvB9m7zOBVCZBUUmSinFV0wEir2Vw)

* + - **3Blue1Brown(**[**Essence of linear algebra**](https://www.youtube.com/playlist?list=PLZHQObOWTQDPD3MizzM2xVFitgF8hE_ab)**)**

[**https://www.youtube.com/watch?v=lkx2BJcnyxk&list=PLGAnmvB9m7zOBVCZBUUmSinFV0wEir2Vw**](https://www.youtube.com/watch?v=lkx2BJcnyxk&list=PLGAnmvB9m7zOBVCZBUUmSinFV0wEir2Vw)

* + - **칸 아카데미 선형대수**

[**https://ko.khanacademy.org/math/linear-algebra**](https://ko.khanacademy.org/math/linear-algebra)

* + - [**MIT 18.06SC Linear Algebra, Fall 2011**](https://www.youtube.com/watch?v=7UJ4CFRGd-U&list=PL221E2BBF13BECF6C)**(칸 아카데미나 3B1B 유튜브를 먼저 보고 난 뒤보는 것을 추천)**

**https://www.youtube.com/playlist?list=PL221E2BBF13BECF6C**

* + - **CPM 3D Plotter(선형대수를 공부하다 보면 직접 그림 그릴수 있는)**

**https://technology.cpm.org/general/3dgraph/**

* + - **3차원 계산기 - GeoGebra**

**https://www.geogebra.org/classic/3d**

* + **딥러닝 입문부터 심화까지 강의,책,공부소스 추천**
    - **입문**

[**https://www.philgineer.com/2020/10/awesome-machine-learning.html**](https://www.philgineer.com/2020/10/awesome-machine-learning.html)

* + - **입문 이후 공부법**
      * PR-12, 이진원님 유튜브
      * Yannic Kilcher
      * Siraj Raval
      * 고려대 산업경영공학부 DSBA
      * hoya012 블로그

[**https://hoya012.github.io/blog/deeplearning-classification-guidebook-1/**](https://hoya012.github.io/blog/deeplearning-classification-guidebook-1/)

* + - * **Paperswithcode**
      * 깃헙둘러보기

[**https://github.com/MilkClouds?tab=stars**](https://github.com/MilkClouds?tab=stars)

* + **딥러닝을 위한 수학 기초잡기 유투브 ( 3Blue1Brown )**

[**https://butter-shower.tistory.com/160**](https://butter-shower.tistory.com/160)

1. **ADP준비**
   * **깃헙 단축키 사용**

[**https://gomcine.tistory.com/entry/GitHub-%EB%8B%A8%EC%B6%95%ED%82%A4-%EB%B0%8F-%EC%82%AC%EC%9A%A9-%ED%8C%81-%EB%AA%87-%EA%B0%80%EC%A7%80-%EC%86%8C%EA%B0%9C**](https://gomcine.tistory.com/entry/GitHub-%EB%8B%A8%EC%B6%95%ED%82%A4-%EB%B0%8F-%EC%82%AC%EC%9A%A9-%ED%8C%81-%EB%AA%87-%EA%B0%80%EC%A7%80-%EC%86%8C%EA%B0%9C)

* + **깃헙 레포지토리**
  + **레포지토리는 깃헙에서 adp 실기 등으로 키워드 검색 목록**
    - **전범위1**

[**https://github.com/Jihun-Dong/Machine-Learning-Practice/tree/5148be498cde8ce5f1737150a9301f1aac890946**](https://github.com/Jihun-Dong/Machine-Learning-Practice/tree/5148be498cde8ce5f1737150a9301f1aac890946)

* + - **전범위2**

[**https://github.com/H2O-500ml/ADP->**](https://github.com/H2O-500ml/ADP-%3E) 시험당시 가장 큰 도움 받았던 레포지토리

* + - **전범위3**

[**https://github.com/kisehyun/STUDY/tree/147dab9b5d496a24d932a95a428e4f5f866227ab/ADP**](https://github.com/kisehyun/STUDY/tree/147dab9b5d496a24d932a95a428e4f5f866227ab/ADP)

* + - **전범위4**

[**https://github.com/Boanerges153/TIL/tree/161f265d641a149814cfff42c20a3f55c71797d3/ADP\_%EC%8A%A4%ED%84%B0%EB%94%94**](https://github.com/Boanerges153/TIL/tree/161f265d641a149814cfff42c20a3f55c71797d3/ADP_%EC%8A%A4%ED%84%B0%EB%94%94)

* + - **전범위5**

[**https://github.com/hrdkdh/adp-study**](https://github.com/hrdkdh/adp-study)

* + - **통계1**

[**https://github.com/ShimJuan/python-statistics**](https://github.com/ShimJuan/python-statistics)

* + - **통계2**

[**https://github.com/Kim-YongHo/Statistics**](https://github.com/Kim-YongHo/Statistics)

* + - **통계3**

[**https://github.com/HenryPaik1/Study/blob/master/06.Math/10.1.3%20Scipy%20Statistics%20test.ipynb**](https://github.com/HenryPaik1/Study/blob/master/06.Math/10.1.3%20Scipy%20Statistics%20test.ipynb)

* + - **통계검정2**

[**https://github.com/jihyunjeongme/Statistical-Learning/blob/main/part%2003/02.%20t-%EA%B2%80%EC%A0%95.ipynb**](https://github.com/jihyunjeongme/Statistical-Learning/blob/main/part%2003/02.%20t-%EA%B2%80%EC%A0%95.ipynb)

* + - **통계검정3**

[**https://github.com/suhyun-cho/study/blob/e9d7c5f8c481ee26b6550af037bd52a908ed42d2/Statistics/Chapter08\_Test.ipynb**](https://github.com/suhyun-cho/study/blob/e9d7c5f8c481ee26b6550af037bd52a908ed42d2/Statistics/Chapter08_Test.ipynb)

* + - **분산분석1**

[**https://github.com/jihyunjeongme/Statistical-Learning/blob/main/part%2003/03.%20%EB%B6%84%EC%82%B0%EB%B6%84%EC%84%9D.ipynb**](https://github.com/jihyunjeongme/Statistical-Learning/blob/main/part%2003/03.%20%EB%B6%84%EC%82%B0%EB%B6%84%EC%84%9D.ipynb)

* + - **분산분석2**

[**https://github.com/suhyun-cho/study/blob/e9d7c5f8c481ee26b6550af037bd52a908ed42d2/Statistics/Chapter10\_ANOVA.ipynb**](https://github.com/suhyun-cho/study/blob/e9d7c5f8c481ee26b6550af037bd52a908ed42d2/Statistics/Chapter10_ANOVA.ipynb)

* + **기출정리**
    - [**https://didalsgur.tistory.com/notice/112**](https://didalsgur.tistory.com/notice/112)
    - **https://lovelydiary.tistory.com/**
  + **통계 개념 유튜브**
    - **Sapientia a Dei님**

[**https://www.youtube.com/watch?v=NG1ZNH1kOl0&list=PLalb9l0\_6WAq-ZNVWOhRdax1nroxFovUb**](https://www.youtube.com/watch?v=NG1ZNH1kOl0&list=PLalb9l0_6WAq-ZNVWOhRdax1nroxFovUb)

* + - **노경섭님**

[**https://www.youtube.com/watch?v=jGOqkljySu8**](https://www.youtube.com/watch?v=jGOqkljySu8)

* + **통계 관련 블로그**
    - [**https://github.com/chenni0531/study-data-analysis**](https://github.com/chenni0531/study-data-analysis)
    - [**https://partrita.github.io/posts/ANOVA-python/**](https://partrita.github.io/posts/ANOVA-python/)
    - [**https://chukycheese.github.io/statistics/anova/**](https://chukycheese.github.io/statistics/anova/)
    - **https://junsik-hwang.tistory.com/category/%EB%8D%B0%EC%9D%B4%ED%84%B0%20%EB%B6%84%EC%84%9D/%ED%86%B5%EA%B3%84%28Statistics%29**
  + **글쓴이 개인 블로그**
    - **pandas 100문제**

[**https://www.datamanim.com/dataset/99\_pandas/pandasMain.html**](https://www.datamanim.com/dataset/99_pandas/pandasMain.html)

* + - **pandas 100문제2**

[**https://www.datamanim.com/dataset/03\_dataq/pandas\_practice.html**](https://www.datamanim.com/dataset/03_dataq/pandas_practice.html)

* + - **scipy ,statsmodel 문제 (업데이트중)**

[**https://www.datamanim.com/dataset/97\_scipy/scipy.html**](https://www.datamanim.com/dataset/97_scipy/scipy.html)

1. **1일 1논문보기**
   * 고려대학교 DSBA 연구실

[**https://www.youtube.com/channel/UCPq01cgCcEwhXl7BvcwIQyg**](https://www.youtube.com/channel/UCPq01cgCcEwhXl7BvcwIQyg)

* + Tensorflow KR

**https://www.facebook.com/hashtag/pr12?\_\_gid\_\_=255834461424286**

1. **영어**
   * **VOA Voice of Ameirca 미국의소리**
   * **영어논문**
   * **The Economist**
   * [h**ttps://namu.wiki/w/%EC%98%81%EC%96%B4/%ED%95%99%EC%8A%B5%20%EC%A1%B0%EC%96%B8**](https://namu.wiki/w/%EC%98%81%EC%96%B4/%ED%95%99%EC%8A%B5%20%EC%A1%B0%EC%96%B8)
   * **[https://cnn.ybmnet.co.kr/main](https://cnn.ybmnet.co.kr/main" \t "_blank)**
   * **영어 공부 싸이트**
     + [**https://www.fluentu.com/blog/english-kor/%EC%98%81%EC%96%B4-%EA%B3%B5%EB%B6%80-%EC%82%AC%EC%9D%B4%ED%8A%B8/**](https://www.fluentu.com/blog/english-kor/%EC%98%81%EC%96%B4-%EA%B3%B5%EB%B6%80-%EC%82%AC%EC%9D%B4%ED%8A%B8/)
   * **비영여권 영어 수업**
     + [**https://www.englisch-hilfen.de/en/**](https://www.englisch-hilfen.de/en/)
     + [**https://www.englishpage.com/**](https://www.englishpage.com/)
   * **청취**
     + [**https://esl-lab.com/**](https://esl-lab.com/)

* + **영어 강의를 위한 특별한 섹션**
    - [**https://www.openculture.com/**](https://www.openculture.com/)

1. **대회준비**
   * **다음주말 강의 후 데이콘 시작**