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# Homework #1

Completing a Collaborative Filtering  
Recommender System

# To Do (1/2)

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- Download and unzip `hw1.zip` from Snowboard
  - 14주차 → Homework #1
- Login to Google Colab
  - <https://research.google.com/colaboratory/>
  - Or you can use **any** Jupyter notebook environment
- Get ready to run `hw1.ipynb` in Colab
  - Open `hw1.ipynb`
    - Open notebook → Upload → `hw1.ipynb`
  - Upload the other files to Colab
    - Files → `data`, `public_test.py`, `recsys_utils.py`

# To Do (2/2)

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- Run `hw1.ipynb` and understand the content step by step
- Fill in the blank parts of the code and complete `hw1.ipynb`

- Exercise 1

```
...  
# START CODE HERE #  
  
# END CODE HERE #  
...
```

- You can refer to the hints below

- Save and submit `hw1.ipynb`
  - File → Download → Download .ipynb

# Evaluation Criteria (Total: 10 pts)

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1. The correctness of your code
  2. How well `.ipynb` file you submitted runs in the TA's environment
- ✓ Do ***not*** copy someone else's code or let someone copy yours
    - You will get a ***zero*** for the assignment

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# Homework #2

Completing a Content-Based Filtering  
Recommender System

# To Do (1/2)

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- Download and unzip `hw2.zip` from Snowboard
  - 14주차 → Homework #2
- Login to Google Colab
  - <https://research.google.com/colaboratory/>
  - Or you can use **any** Jupyter notebook environment
- Get ready to run `hw2.ipynb` in Colab
  - Open `hw2.ipynb`
    - Open notebook → Upload → `hw2.ipynb`
  - Upload the other files to Colab
    - Files → `data`, `public_test.py`, `recsysNN_utils.py`

# To Do (2/2)

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- Run `hw2.ipynb` in Colab
- Fill in the blank parts of the code and complete `hw2.ipynb`
  - Exercise 1, Exercise 2

```
...  
# START CODE HERE #  
  
# END CODE HERE #  
...
```

- You can refer to the hints below
- Save and submit `hw2.ipynb`
  - File → Download → Download .ipynb

# Evaluation Criteria (Total: 10 pts)

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1. The correctness of your code
  2. How well `.ipynb` file you submitted runs in the TA's environment
- ✓ Do ***not*** copy someone else's code or let someone copy yours
    - You will get a ***zero*** for the assignment



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# Submission

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- Upload the completed .ipynb files to the Snowboard
  - hw1.ipynb
    - Snowboard → 머신러닝 → 14주차 → Homework #1
  - hw2.ipynb
    - Snowboard → 머신러닝 → 14주차 → Homework #2
- Due: **2023.12.21(Tue) 23:55**
  - 1-day delay: 80% credit
  - 2-day delay or more: 0% credit