

MACHINE LEARNING STUDY 2020 WINTER

TEAM A : STUDY PROJECT PROGRESS #1

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Design of a **suitable book cover generation model** based on the input book name through the **Image GAN method**

Image GAN 방법을 통한 입력도서명에 기반 적합한 도서 표지 생성 모델 설계

#1 Project Sketch

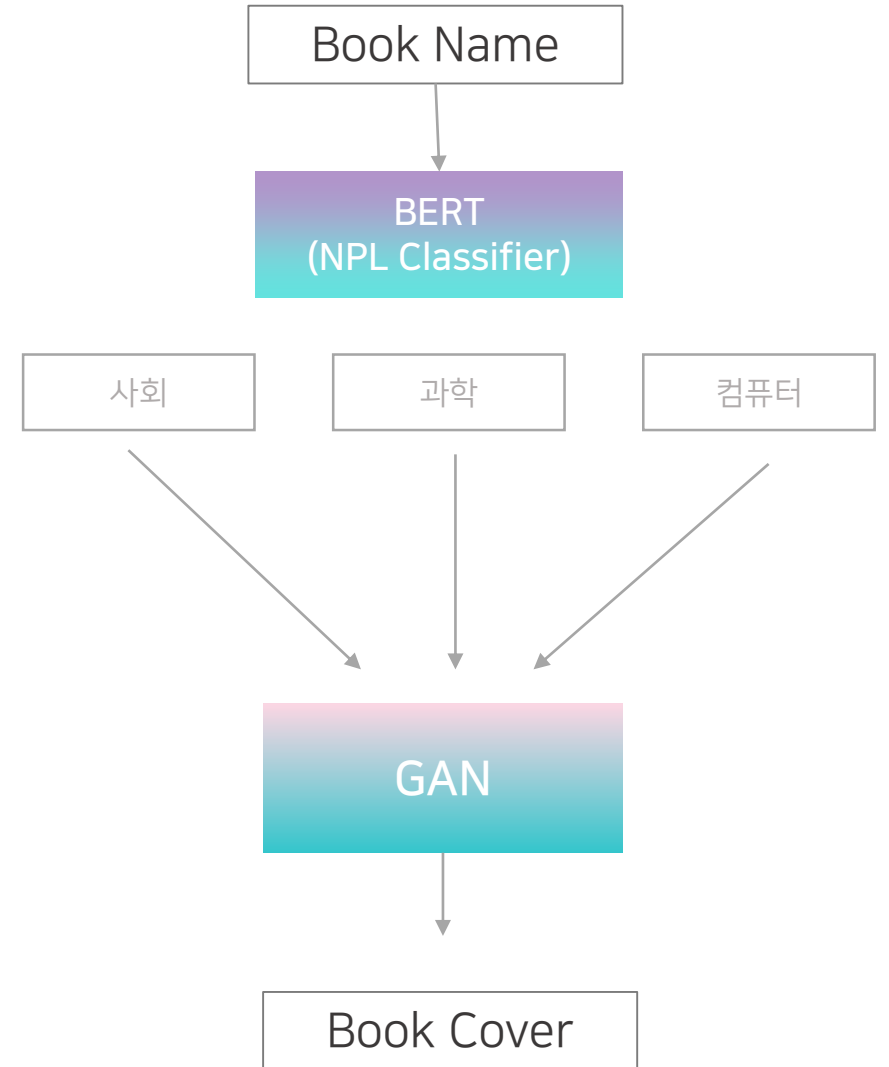
Training GAN



Testing GAN



#1 Project Sketch



#2 Things to Solve...

Data collection / Preprocessing

Book Cover Data / Book Name Data / Book category Data

→ Data clawing from online book store

Book Cover Data Preprocessing [Delete Name]

→ Tesseract + Denoising Method + Manually processing







NPL Model Construction

Considering use BERT LISA ...

→ Adapt KoNLPy on Korean Words

→ Adapt Attention Algorithm

#2 Schedule

	Week1	Week2	Week3	Week4	Week5	Week6	Week7	Week8	Week9
Topic Select Project Sketch									
Data collection									
Data preprocessing									
Word Classifier Design									
GAN Design									
Model Validation									
Model Testing								