

Predicting Financial Time Series using Deep Learning

Module1. Google Colaboratory

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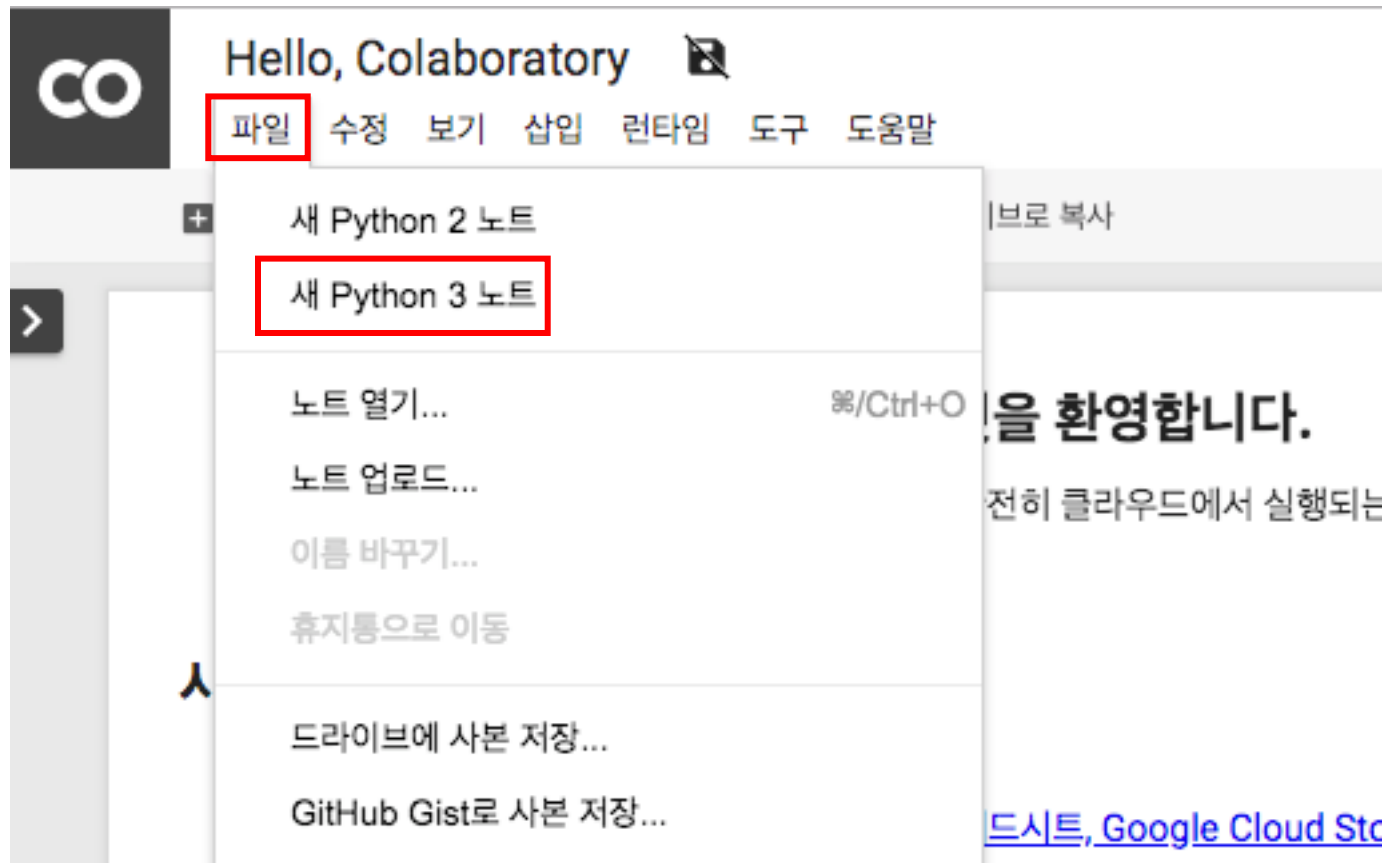
NICE Pricing & Information Inc.

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Note. This content mainly refers the summer session of KAIST organized by Jiyong Park(2018)

“Hello World” on Colab

Access to URL: <https://colab.research.google.com/notebooks/welcome.ipynb#recent=true>



“Hello World” on Colab



A screenshot of a Google Colab code cell. The top part shows a play button icon and the code `print("Hello World")` with syntax highlighting. The bottom part shows a copy icon and the output `Hello World`.

- `print("Hello World")`
- Click button or type “CTRL + ENTER”

“File Upload” on Colab

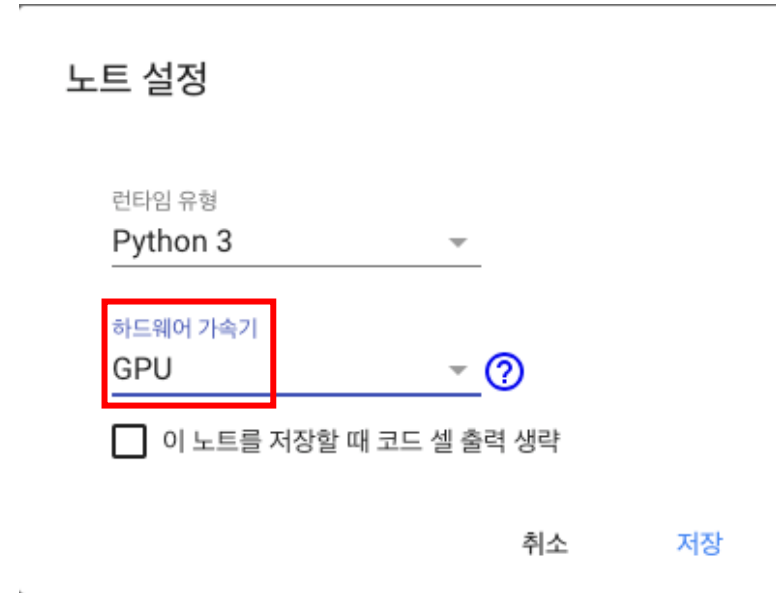
Access to URL: <https://colab.research.google.com/notebooks/io.ipynb>

```
▶ from google.colab import files
  uploaded = files.upload(.)

  for fn in uploaded.keys():
    print('User uploaded file "{name}" with length {length} bytes'.format(
        name=fn, length=len(uploaded[fn])))
```

 파일 선택 선택된 파일 없음 Cancel upload

“Set GPU” on Colab



Google Colaboratoy Useful Shortcuts

Actions	Colab	Jupyter
show keyboard shortcuts	Ctrl/Cmd M H	H
Insert code cell above	Ctrl/Cmd M A	A
Insert code cell below	Ctrl/Cmd M B	B
Delete cell/selection	Ctrl/Cmd M D	DD
Interrupt execution	Ctrl/Cmd M I	II
Convert to code cell	Ctrl/Cmd M Y	Y
Convert to text cell	Ctrl/Cmd M M	M
Split at cursor	Ctrl/Cmd M -	Ctrl Shift -

Thank you ☺

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References

- Jiyong Park (2018), KAIST Summer Session, Retrieved from <https://sites.google.com/view/kaist-mis-session2018/overview?authuser=0>