**April 9th, 2020**

**Python3 learning**

1. **Subprocess**
   1. Potential child thread needed
2. **Logging** 
   1. Taking log for analysis
   2. Check if a child process finishes
3. **Learning materials**
   1. **Learning python3 the hard way (**[**https://learncodethehardway.org/python/**](https://learncodethehardway.org/python/)**)**
   2. **Learning python=3-django course (https://www.feldroy.com/products/django-crash-course)**
4. **My first cookiecutter project (https://github.com/wdm0006/cookiecutter-pipproject)**
   1. **Installed the cookiecutter and download the wdm0006**
   2. **There was an error, and I solve it with help from:** [**https://github.com/mikeckennedy/python-for-entrepreneurs-course-demos/issues/30**](https://github.com/mikeckennedy/python-for-entrepreneurs-course-demos/issues/30)
   3. **Constructed my AccordJP– accord-Jianying-pipeline**
   4. **Installed the AccordJP**
   5. **Import myAccordJP in python console**
5. **Learning the click package and trying to make it work (**[**https://click.palletsprojects.com/en/7.x/parameters/**](https://click.palletsprojects.com/en/7.x/parameters/) **)**
6. **Keep working on myAccordJP by adding more features and functions, etc.**
7. **More on cuttiecutter**
   1. **I found out that wdm0006 has changed!! Nothing wrong, but some testing does not pass**
   2. **I have to go back to audrey’s original post:** [**https://github.com/audreyr/cookiecutter-pypackage**](https://github.com/audreyr/cookiecutter-pypackage)
8. **Gone through my own note on pythons,**
9. **Still haven’t got a chance to test click package**

**Statistics**

I found a very helpful ROC/AUC curve tutorial <https://www.google.com/search?q=r+calculate+auc&oq=r+calculate+auc&aqs=chrome..69i57j0l7.5980j0j4&sourceid=chrome&ie=UTF-8#kpvalbx=_mRCXXqXWOfKyytMP-vOdmAk32>

**Upgrade R version in Rstudio**

1. With updateR (<https://github.com/AndreaCirilloAC/updateR> )
2. Not working as always!!
3. I have to install the R on the console and under Mac, there is no option to get the older R
4. Have to recover all the libraries from windows machine, and it takes a lot of time