

Creat Venv for  
app\_\_\_\_\_

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```
python3 -m venv ../App_deploy  
[<- create venv (in local)]  
source venv/bin/activate [<-  
activate venv (in local) ]  
pip install -r requirements.txt  
[<- install all requirements]
```

Heroku  
deploy\_\_\_\_\_

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```
$ heroku buildpacks:add  
https://github.com/kitcast/  
buildpack-ffmpeg.git ->the good  
one  
$ git commit --allow-empty -m  
'Add FFmpeg buildpack'  
$ git push heroku master
```

## Dataset creation

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this has to be done before  
running any of the training  
scripts.

- 1) download and unzip IRMAS  
dataset at: [https://  
www.upf.edu/web/mtg/irmas](https://www.upf.edu/web/mtg/irmas) and  
unzip into the "data" folder
- 2) replace your path at first  
line at file Create\_dataset.py  
the 2 .csv files generated  
should look like the ones in the  
example
- 3) Run any of the files in /  
Instrument\_classifier/.....py  
for generating dataframes