On your device

A. Basics

1. Install R

https://cran.r-project.org/bin/windows/base/

2. Install R Studio (R IDE)

https://www.rstudio.com/products/rstudio/download/

3. Data Manipulation

```
install.packages('tidyverse')
```

4. General ML package

```
install.packages('caret')
```

5. Others packages in support

B. Neural Networks

1. 64-bit OS

Sorry, this is a must have.

2. Install the latest release of Python

https://www.howtogeek.com/197947/how-to-install-python-on-windows/

Do not forget to set the following environment variables on your device

- PATH must point to the directory of python.exe (e.g. C:\User\ FolderWhereYouInstalledPython)
- $HTTP_PROXY$ and $HTTPS_PROXY$ must be set to ADD HERE THE CORRECT PATH (only in case you are working on a corporate device)

3. Interface R - Python

```
install.packages('reticulate')
```

4. Neural Nets

C. Jupyter Notebooks

In case you want to run our amazing notebooks offline. (Requires Python installation)

1. Configure stuffs

2. From the CMD line (opened as administrator)

If you wish to use jupyter notebooks

```
pip install jupyter
```

If you prefer jupyterlab instead

pip install jupyterlab

Be sure to be in the right hard drive

C

Start jupyter/jupyterlab (a browser window should magically pop up). From there, you can source the .ipynb in the folder where you have downloaded it

jupyter-notebook
jupyter-lab

To connection (once you are done), hit CTRL+C twice in the CMD line

D. Cloud

In case you do not manage to execute A. and B. you can run everything from https://rstudio.cloud