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Non graded assignment **Installing anaconda and
run Jupyter**

- I chose to install anaconda in Linux environment.

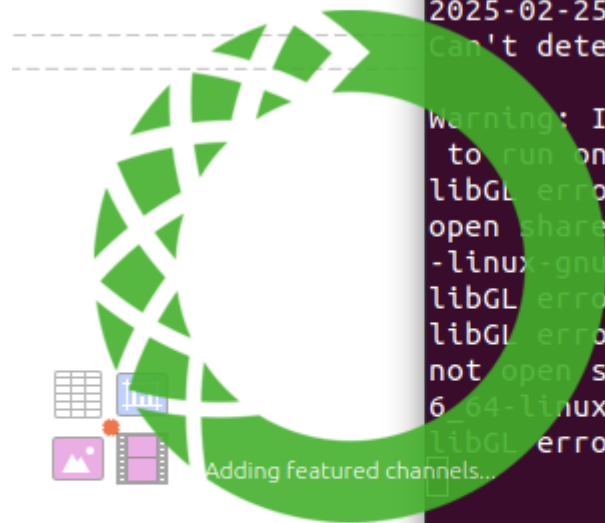
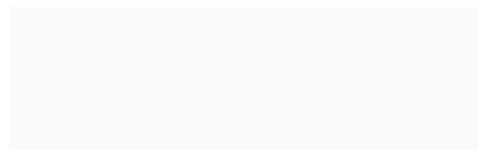
1. Downloaded anaconda

- Using this link : curl
https://repo.anaconda.com/archive/Anaconda3-2020.02-Linux-x86_64.sh
- Then install anaconda with the cmd : `source ~/.bashrc`

2. Check of installed package with **cmd conda list**

```
elcaskerito@elcaskerito-Latitude-5591:~$ conda list
# packages in environment at /home/elcaskerito/anaconda3:
#
# Name                                Version                                Build                                Channel
_anaconda_depends                    2024.10                               py312_mkl_0                         main
_libgcc_mutex                        0.1                                   main                                _openmp_mutex
_openmp_mutex                        5.1                                   1_gnu                               aext-assistant
aext-assistant                        4.1.0                                py312h06a4308_jl4_0                aext-assistant-server
aext-assistant-server                4.1.0                                py312h06a4308_0                     aext-core
aext-core                            4.1.0                                py312h06a4308_jl4_0                aext-core-server
aext-core-server                    4.1.0                                py312h06a4308_0                     aext-panels
aext-panels                          4.1.0                                py312h06a4308_0                     aext-panels-server
aext-panels-server                  4.1.0                                py312h06a4308_0                     aext-project-filebrowser-server
aext-project-filebrowser-server      4.1.0                                py312h06a4308_0                     aext-share-notebook
aext-share-notebook                 4.1.0                                py312h06a4308_0                     aext-share-notebook-server
aext-share-notebook-server          4.1.0                                py312h06a4308_0                     aext-shared
aext-shared                         4.1.0                                py312h06a4308_0                     aiobotocore
aiobotocore                         2.12.3                               py312h06a4308_0                     aiohappyeyeballs
aiohappyeyeballs                    2.4.0                                py312h06a4308_0                     aiohttp
aiohttp                             3.10.5                               py312h5eee18b_0                     aioitertools
aioitertools                         0.7.1                                pyhd3eb1b0_0                        aiosignal
aiosignal                           1.2.0                                pyhd3eb1b0_0                        alabaster
alabaster                           0.7.16                               py312h06a4308_0
```

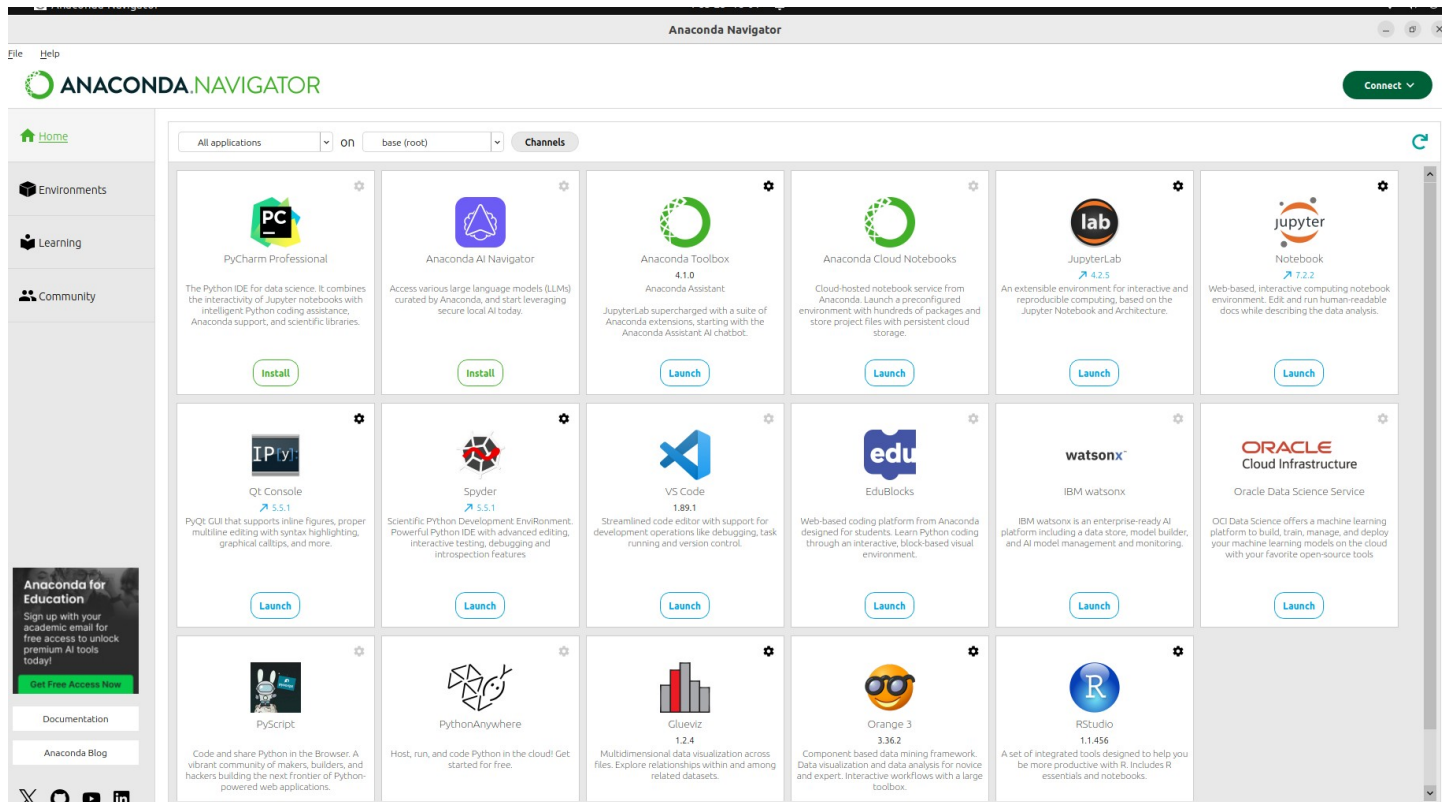
3. Run anaconda with : **anaconda-navigator**



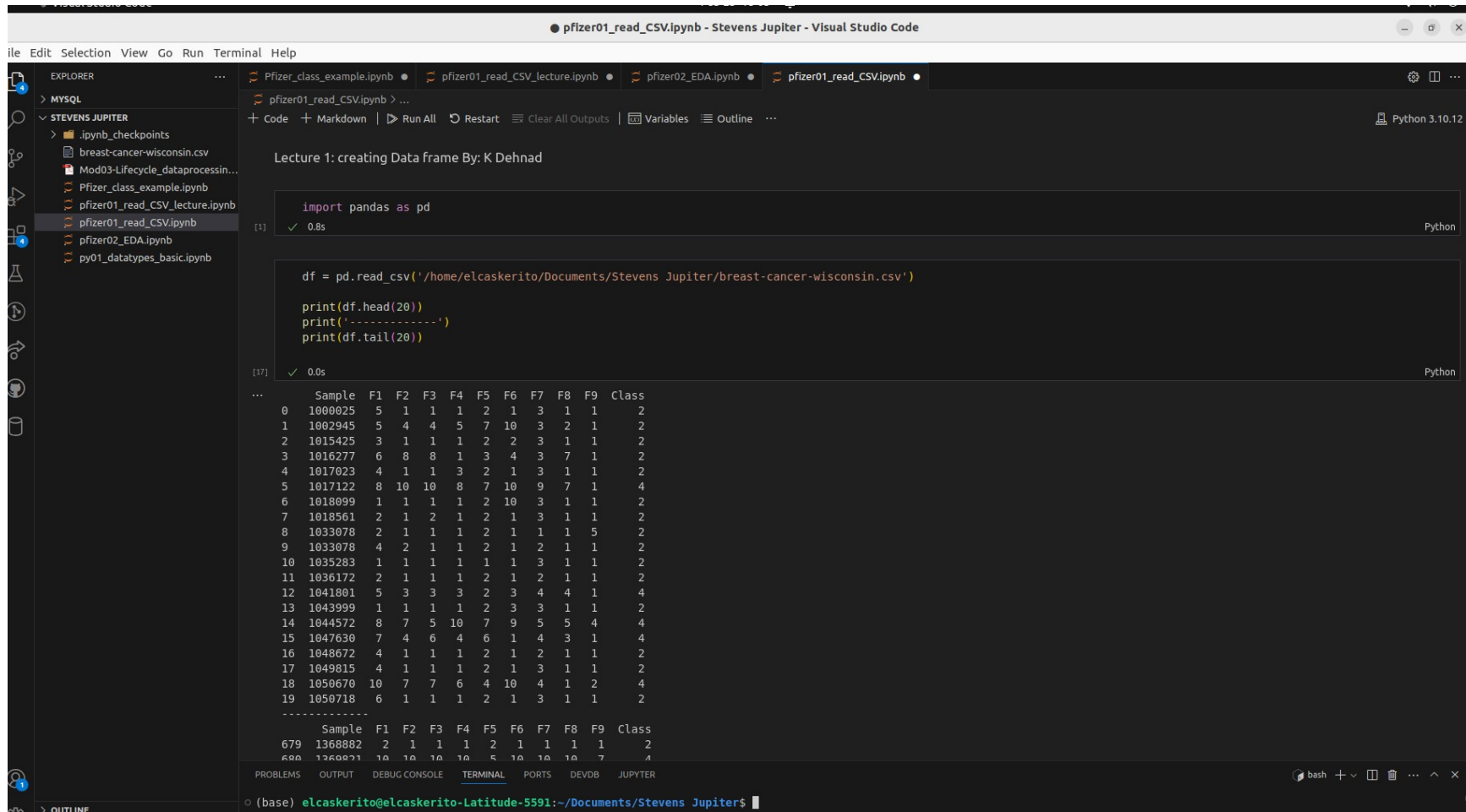
```
elcaskerito@elcaskerito-Latitude-5591: ~$ anaconda-navigator
2025-02-25 17:58:30,523 - WARNING linux_scaling.get_scaling_factor_using_dbus:4
Can't detect system scaling factor settings for primary monitor.

Warning: Ignoring XDG_SESSION_TYPE=wayland on Gnome. Use QT_QPA_PLATFORM=wayland
to run on Wayland anyway.
libGL error: MESA-LOADER: failed to open iris: /usr/lib/dri/iris_dri.so: cannot
open shared object file: No such file or directory (search paths /usr/lib/x86_6
4-linux-gnu/dri:\${ORIGIN}/dri:/usr/lib/dri, suffix _dri)
libGL error: failed to load driver: iris
libGL error: MESA-LOADER: failed to open swrast: /usr/lib/dri/swrast_dri.so: ca
not open shared object file: No such file or directory (search paths /usr/lib/x
86_64-linux-gnu/dri:\${ORIGIN}/dri:/usr/lib/dri, suffix _dri)
libGL error: failed to load driver: swrast
```

4. Anaconda home page



5. Run the file pfizer01_read_CSV.ipynb



The screenshot shows a Jupyter Notebook titled "pfizer01_read_CSV.ipynb" in the Visual Studio Code editor. The notebook is open to the "pfizer01_read_CSV.ipynb" file, which is part of a project named "Stevens Jupiter". The notebook contains two code cells. The first cell imports pandas and runs successfully. The second cell reads a CSV file, prints the head and tail of the resulting DataFrame, and also displays the full DataFrame in the output area.

```
[1] ✓ 0.8s

import pandas as pd

df = pd.read_csv('/home/elcaskerito/Documents/Stevens Jupiter/breast-cancer-wisconsin.csv')

print(df.head(20))
print('-----')
print(df.tail(20))
```

[17] ✓ 0.0s

...	Sample	F1	F2	F3	F4	F5	F6	F7	F8	F9	Class
0	1000025	5	1	1	1	2	1	3	1	1	2
1	1002945	5	4	4	5	7	10	3	2	1	2
2	1015425	3	1	1	1	2	2	3	1	1	2
3	1016277	6	8	8	1	3	4	3	7	1	2
4	1017023	4	1	1	3	2	1	3	1	1	2
5	1017122	8	10	10	8	7	10	9	7	1	4
6	1018099	1	1	1	1	2	10	3	1	1	2
7	1018561	2	1	2	1	2	1	3	1	1	2
8	1033078	2	1	1	1	2	1	1	1	5	2
9	1033078	4	2	1	1	2	1	2	1	1	2
10	1035283	1	1	1	1	1	1	3	1	1	2
11	1036172	2	1	1	1	2	1	2	1	1	2
12	1041801	5	3	3	3	2	3	4	4	1	4
13	1043999	1	1	1	1	2	3	3	1	1	2
14	1044572	8	7	5	10	7	9	5	5	4	4
15	1047630	7	4	6	4	6	1	4	3	1	4
16	1048672	4	1	1	1	2	1	2	1	1	2
17	1049815	4	1	1	1	2	1	3	1	1	2
18	1050670	10	7	7	6	4	10	4	1	2	4
19	1050718	6	1	1	1	2	1	3	1	1	2
...
679	1368882	2	1	1	1	2	1	1	1	1	2
680	1369021	10	10	10	10	5	10	10	10	7	4

Terminal output: (base) elcaskerito@elcaskerito-Latitude-5591:~/Documents/Stevens Jupiter\$

6. Run the ProfileReport

The screenshot shows a Jupyter Notebook interface with a file explorer on the left and a terminal at the bottom. The main window displays a Pandas Profiling Report for a dataset. The report includes an overview section with dataset statistics and variable types.

Pandas Profiling Report

Overview Variables Interactions Correlations Missing values Sample Duplicate rows

Brought to you by [YData](#)

Overview Alerts 12 Reproduction

Dataset statistics

Number of variables	11
Number of observations	699
Missing cells	16
Missing cells (%)	0.2%
Duplicate rows	8
Duplicate rows (%)	1.1%
Total size in memory	67.7 KiB
Average record size in memory	99.2 B

Variable types

Numeric	10
Categorical	1

Variables

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS DEVDB JUPYTER

(base) elcaskerito@elcaskerito-Latitude-5591:~/Documents/Stevens Jupiter\$