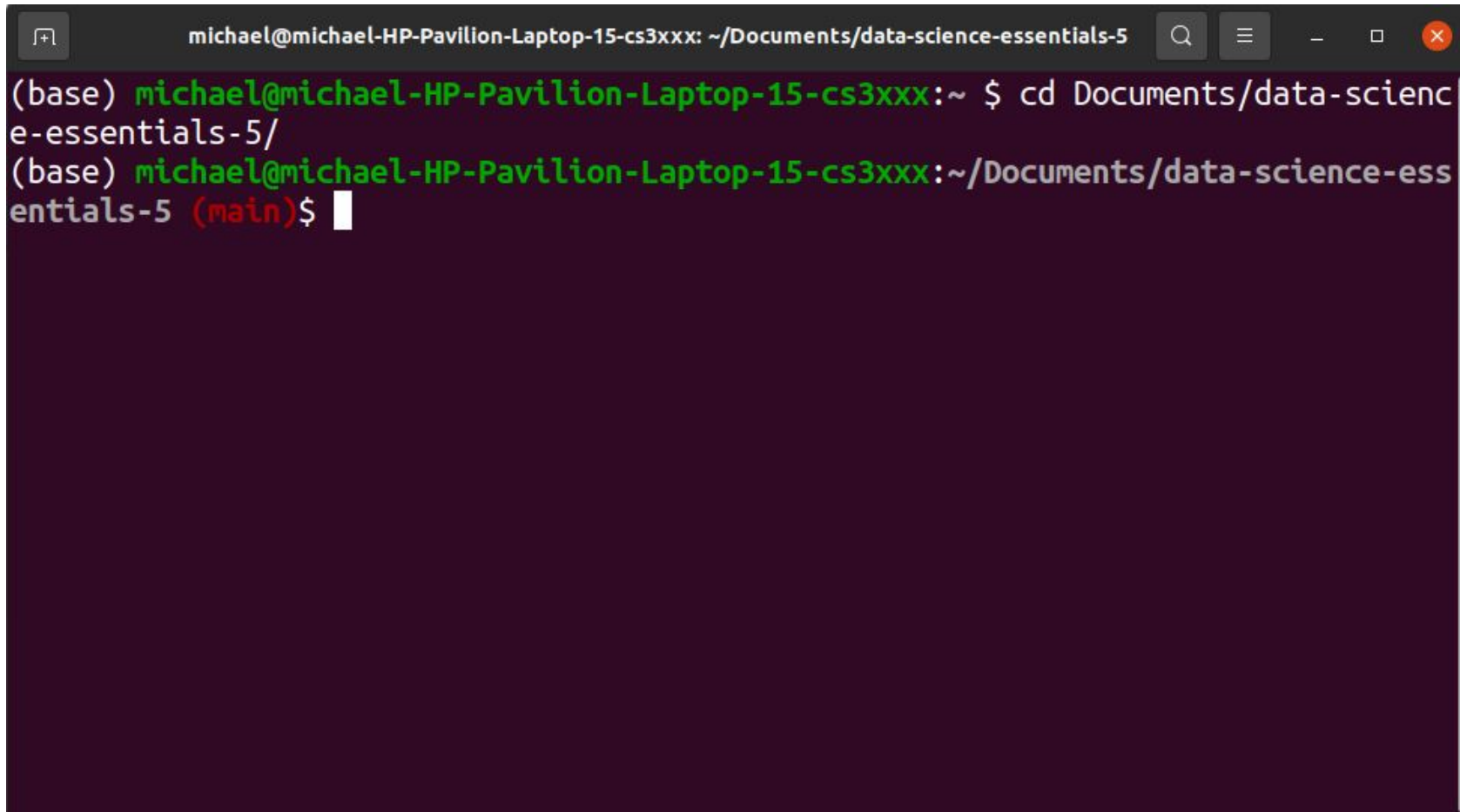


# Step 1:

Open either terminal if you are using a mac or Anaconda prompt if you are using Windows and navigate to your repository directory.

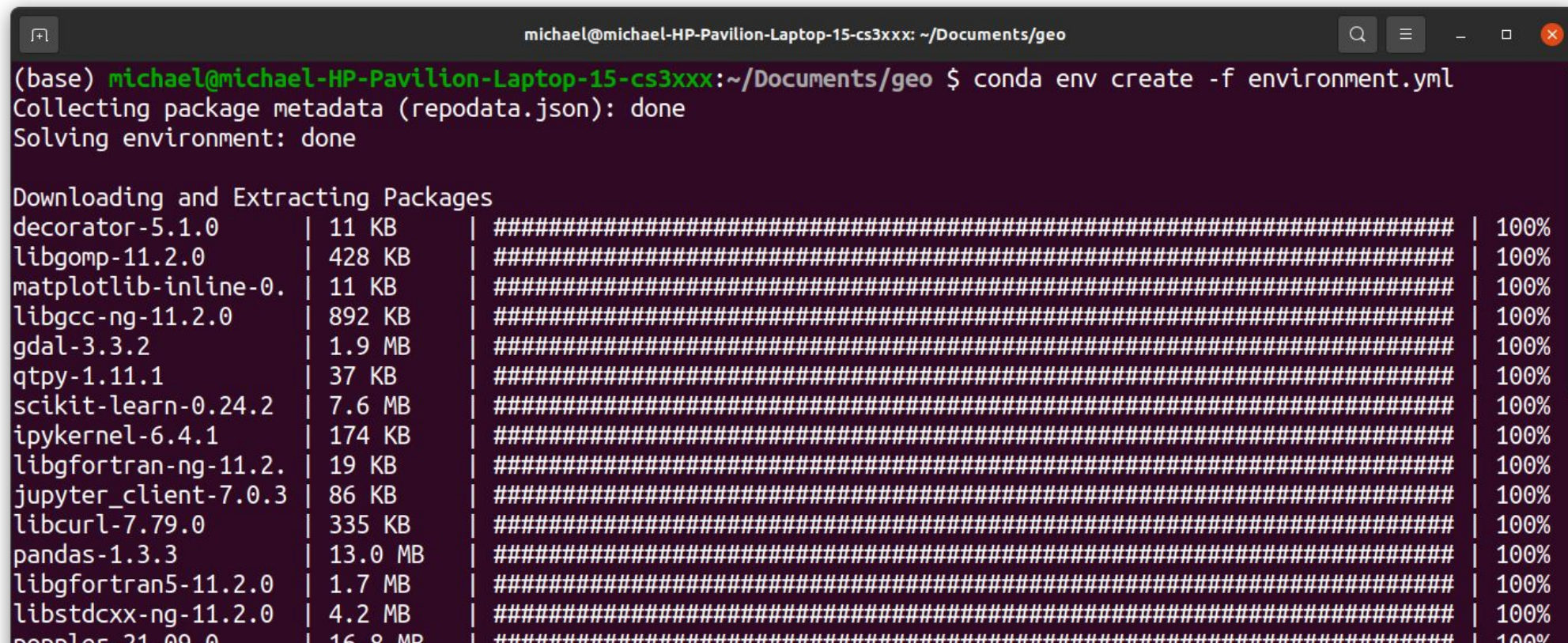
A screenshot of a terminal window with a dark background. The window title bar shows the user 'michael' on a machine named 'michael-HP-Pavilion-Laptop-15-cs3xxx' at the directory '~/Documents/data-science-essentials-5'. The terminal shows two lines of command history: the first line is '(base) michael@michael-HP-Pavilion-Laptop-15-cs3xxx:~ \$ cd Documents/data-science-essentials-5/' and the second line is '(base) michael@michael-HP-Pavilion-Laptop-15-cs3xxx:~/Documents/data-science-essentials-5 (main)\$' with a white cursor at the end.

```
michael@michael-HP-Pavilion-Laptop-15-cs3xxx: ~/Documents/data-science-essentials-5
(base) michael@michael-HP-Pavilion-Laptop-15-cs3xxx:~ $ cd Documents/data-science-essentials-5/
(base) michael@michael-HP-Pavilion-Laptop-15-cs3xxx:~/Documents/data-science-essentials-5 (main)$
```

## Step 2:

To create an environment from a YAML file, run this from the folder containing the environment file:

```
conda env create -f environment.yml
```

A terminal window with a dark purple background. The title bar shows the user 'michael' on a 'michael-HP-Pavilion-Laptop-15-cs3xxx' machine, in the directory '~/Documents/geo'. The prompt is '(base) michael@michael-HP-Pavilion-Laptop-15-cs3xxx:~/Documents/geo \$'. The command 'conda env create -f environment.yml' has been executed. The output shows 'Collecting package metadata (repodata.json): done' and 'Solving environment: done'. A section titled 'Downloading and Extracting Packages' follows, listing various packages and their download progress. Each line shows the package name, size, a progress bar of hash symbols, and the completion percentage (all at 100%).

```
(base) michael@michael-HP-Pavilion-Laptop-15-cs3xxx:~/Documents/geo $ conda env create -f environment.yml
Collecting package metadata (repodata.json): done
Solving environment: done

Downloading and Extracting Packages
decorator-5.1.0           | 11 KB | ##### | 100%
libgomp-11.2.0            | 428 KB | ##### | 100%
matplotlib-inline-0.     | 11 KB | ##### | 100%
libgcc-ng-11.2.0         | 892 KB | ##### | 100%
gdal-3.3.2               | 1.9 MB | ##### | 100%
qtpy-1.11.1              | 37 KB | ##### | 100%
scikit-learn-0.24.2      | 7.6 MB | ##### | 100%
ipykernel-6.4.1          | 174 KB | ##### | 100%
libgfortran-ng-11.2.     | 19 KB | ##### | 100%
jupyter_client-7.0.3     | 86 KB | ##### | 100%
libcurl-7.79.0           | 335 KB | ##### | 100%
pandas-1.3.3             | 13.0 MB | ##### | 100%
libgfortran5-11.2.0      | 1.7 MB | ##### | 100%
libstdcxx-ng-11.2.0      | 4.2 MB | ##### | 100%
poppler-21.09.0          | 16.8 MB | ##### | 100%
```