Video-1: Installation and loading of data:

1. Create a Project folder called ‘PANDAS’ and make a virtual environment inside the project folder by the name pandas\_venv.
   1. mkdir PANDAS
   2. python -m venv pandas\_venv
2. Now activate the pandas\_venv environment.
   1. pandas\_venv\Scripts\activate.bat
3. check for all the available packages installed in the environment.
   1. pip list
4. install pandas library in the activated virtual environment.
   1. pip install pandas
5. install jupyter lab
   1. pip install jupyterlab
6. now we will access the dataset from stackoverflow website:
   1. Link: <https://insights.stackoverflow.com/survey>
   2. And download the 2019 dataset
   3. This dataset is going to be downloaded in a zip file
   4. Extract the zip file.
   5. Rename the ‘stack-overflow-developer-survey-2019’ folder as ‘data’.
7. Now we start a jupyter notebook in our project folder.
   1. cd into the project folder.
   2. Run: jupyer notebook
   3. And let the command prompt active and we don’t have to close the terminal because that is acting as a live server running the jupyter notebook.
   4. Navigate yourself to the jupyter notebook which will start soon in a browser.
8. You can start a jupyter server using command:
   1. python -m notebook

Video-2: