National College of Ireland

Configuration Manual

MSc Research Project
MSCDA OLD

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MSc Project Submission Sheet

School of Computing

Student Name:	Manasi Ramteke		
Student ID:	X18159656		
Programme:	MSCDA OLD	**Year:**	01
Module:	Research work (3rd)		
Lecturer:	17/08/2020		
Submission Due Date:	.....		
Project Title:	Stock market price prediction using time series model		
Word Count:	**424**	**Page Count:**	**12**

I hereby certify that the information contained in this (my submission) is information pertaining to research I conducted for this project. All information other than my own contribution will be fully referenced and listed in the relevant bibliography section at the rear of the project.
ALL internet material must be referenced in the bibliography section. Students are required to use the Referencing Standard specified in the report template. To use other author's written or electronic work is illegal (plagiarism) and may result in disciplinary action.

Signature:

17/08/2020

Date: .....

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Attach a completed copy of this sheet to each project (including multiple copies)	✓
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You must ensure that you retain a HARD COPY of the project, both for your own reference and in case a project is lost or mislaid. It is not sufficient to keep a copy on computer.	✓

Assignments that are submitted to the Programme Coordinator Office must be placed into the assignment box located outside the office.

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Signature:	
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Installation of Anaconda software for Juypter notebook and CMD prompt where the stock market data will be collected and read. After reading the data, from the past close attribute, the prediction will be made and the RSME values will also be calculated.

Figure 1. Installing Anaconda

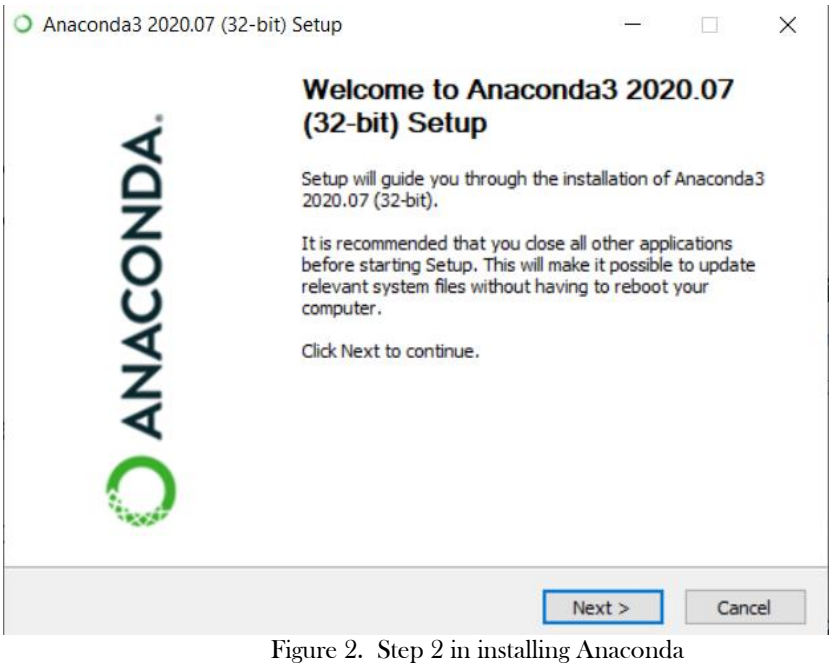

Figure 2. Step 2 in installing Anaconda

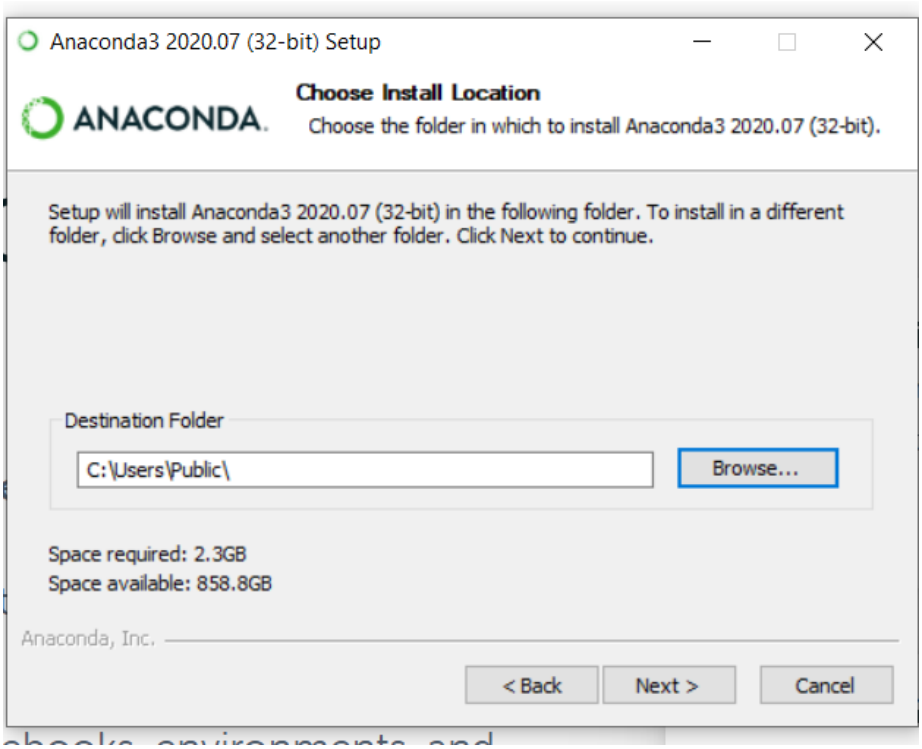

Figure 3. Step 3 in installing Anaconda

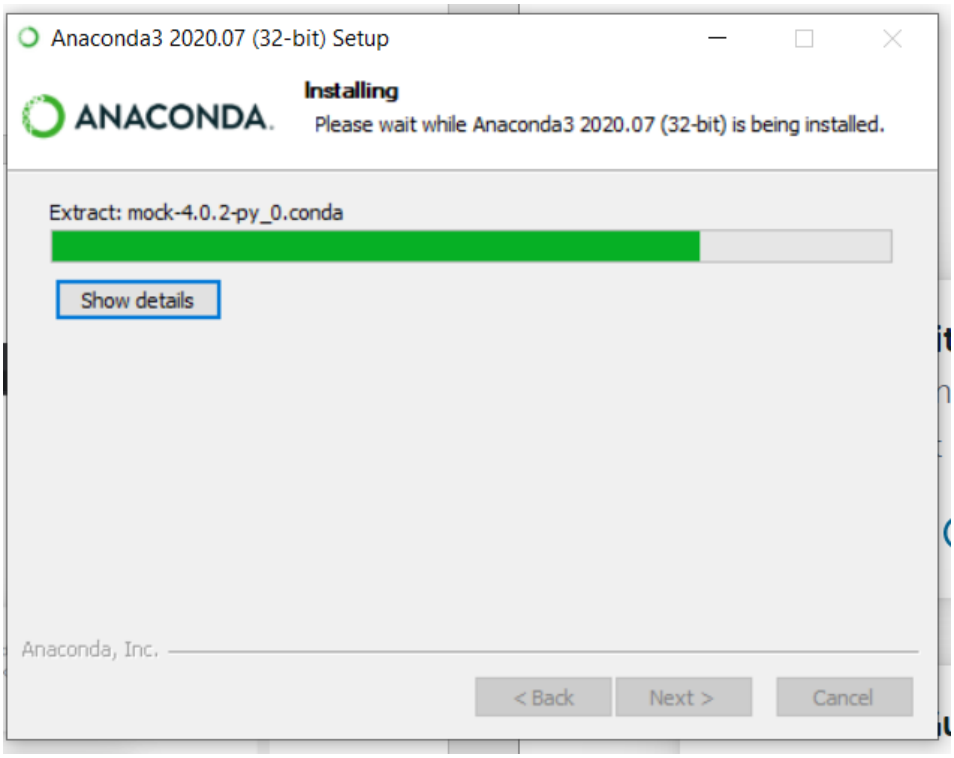

Figure 4. Step 4 in installing Anaconda

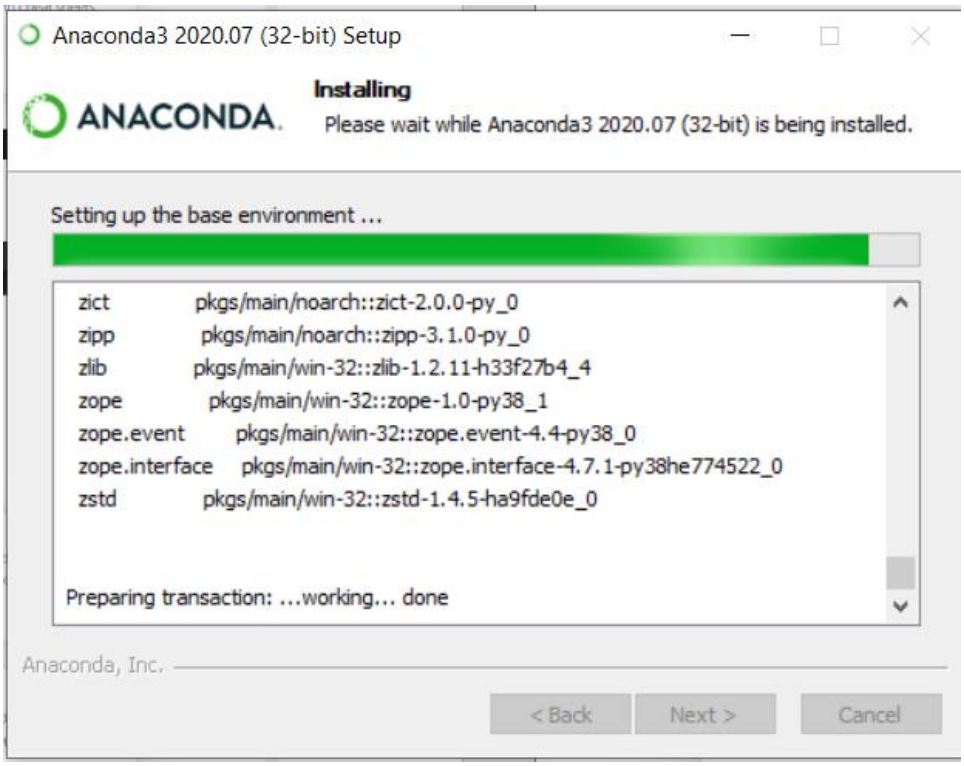

Figure 5. Step 5 in installing Anaconda

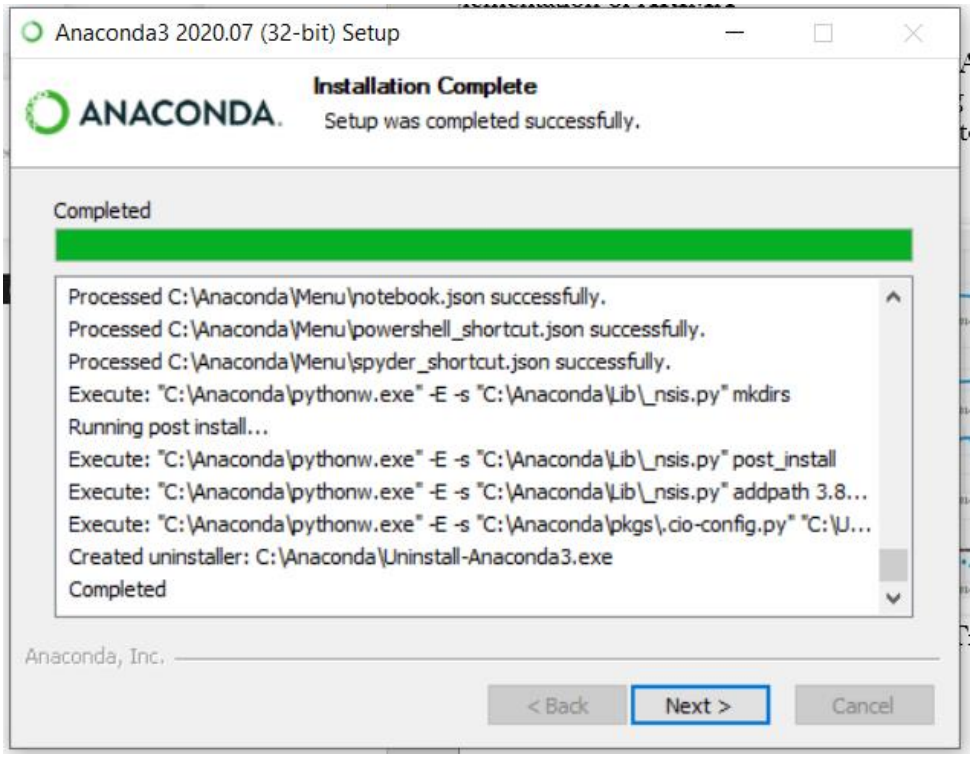

Figure 6. Step 6 in installing Anaconda

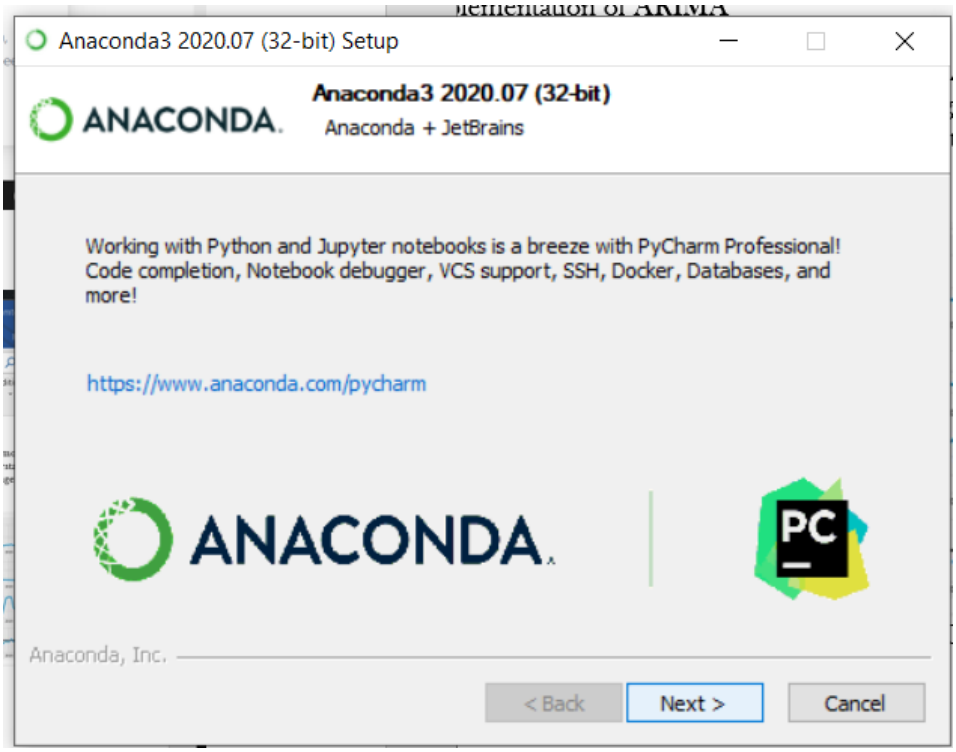

Figure 7. Step 7 in installing Anaconda

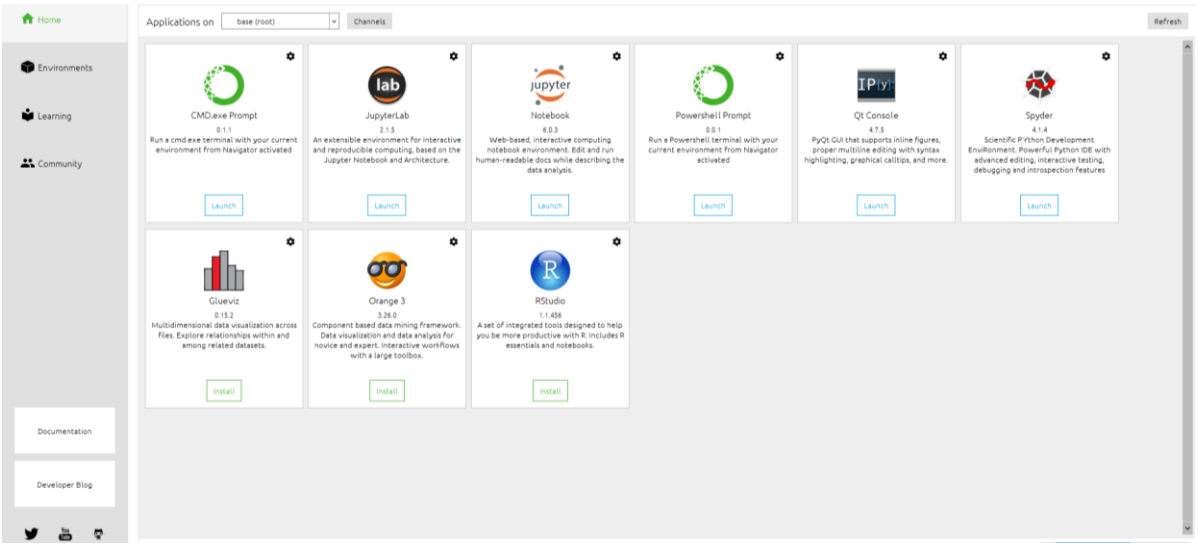

Figure 8. Step 8 in installing Anaconda

Finally the Anaconda software have been installed and now we are ready to use the Jupyter notebook and CMD. In Juypter notebook we have installed the libraries like Pandas, NumPy, Sklearn, TensorFlow, matlotlib, sklearn and Keras.

Installation of PyCharm for the web application.

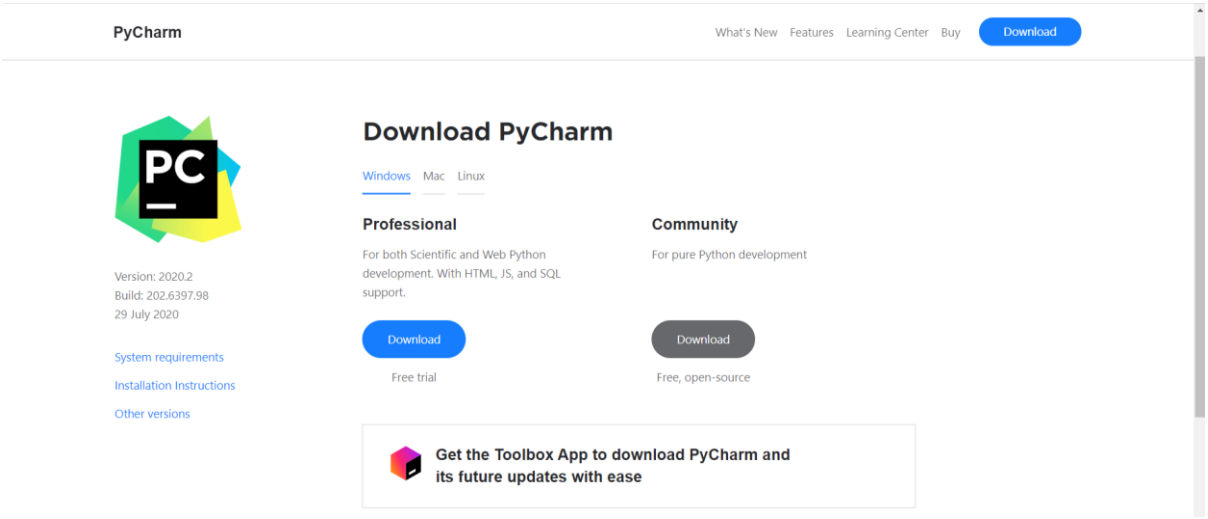

Figure 9. Installing PyCharm

Figure 10. Step 2 in installing PyCharm

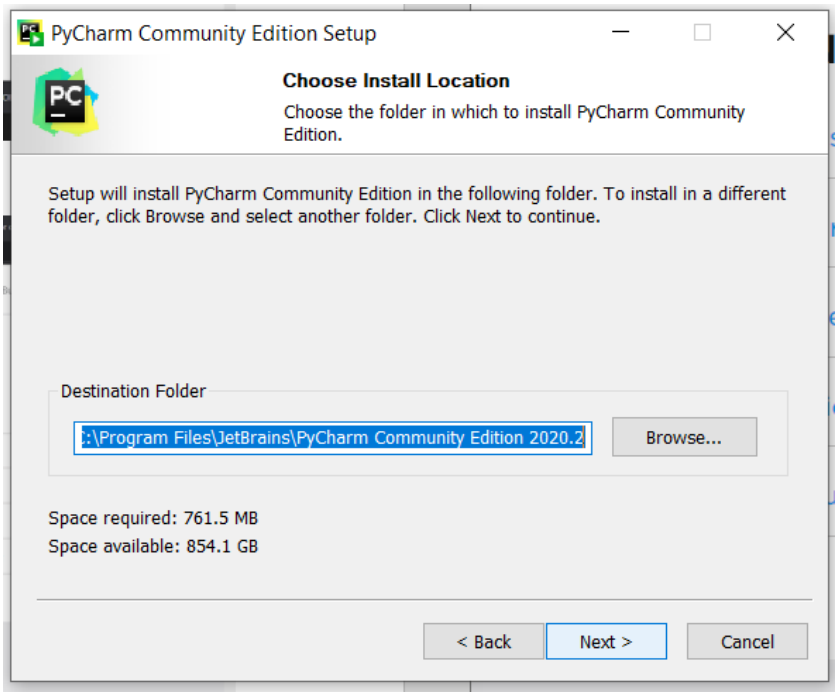

Figure 11. Step 3 in installing PyCharm

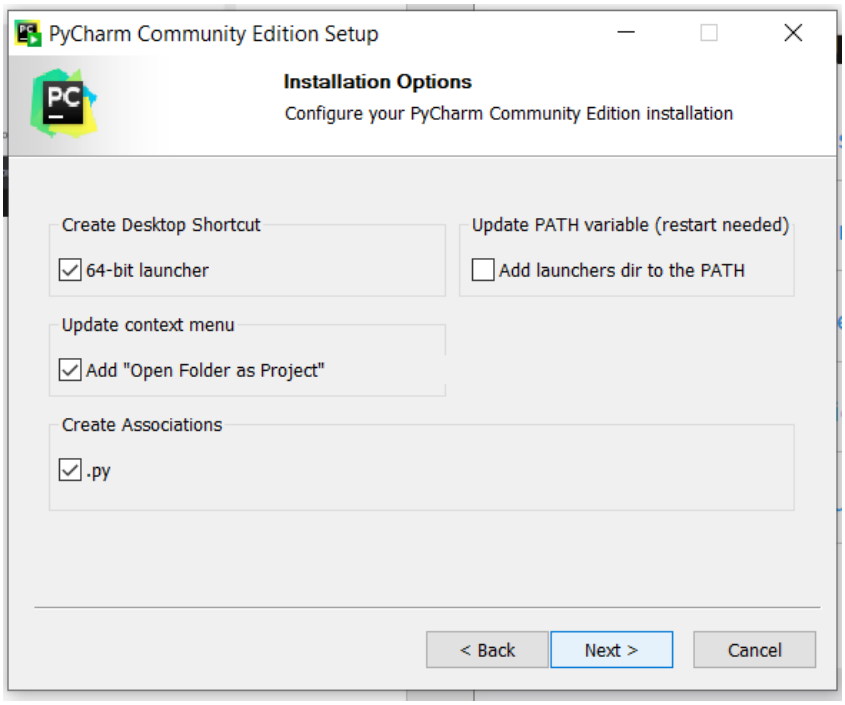

Figure 12. Step 4 in installing PyCharm

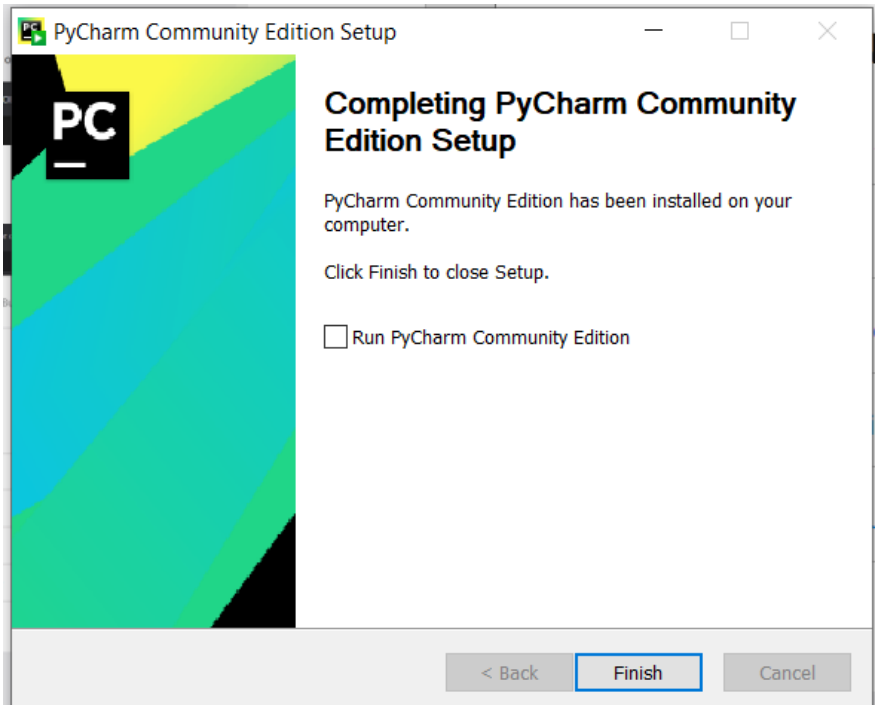

Figure 13. Step 5 in installing PyCharm

Now the PyCharm has been installed, now we are ready to make our user interface for the stock market prediction.

Installation of python as we are going to use python programming language in the research work

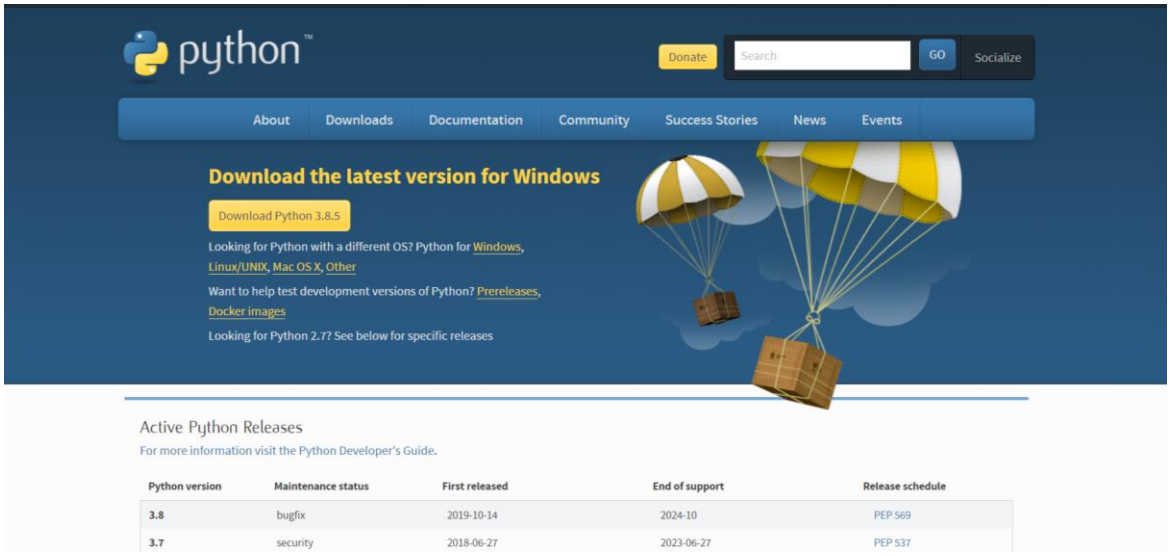

Figure 14. Step 6 in installing PyCharm

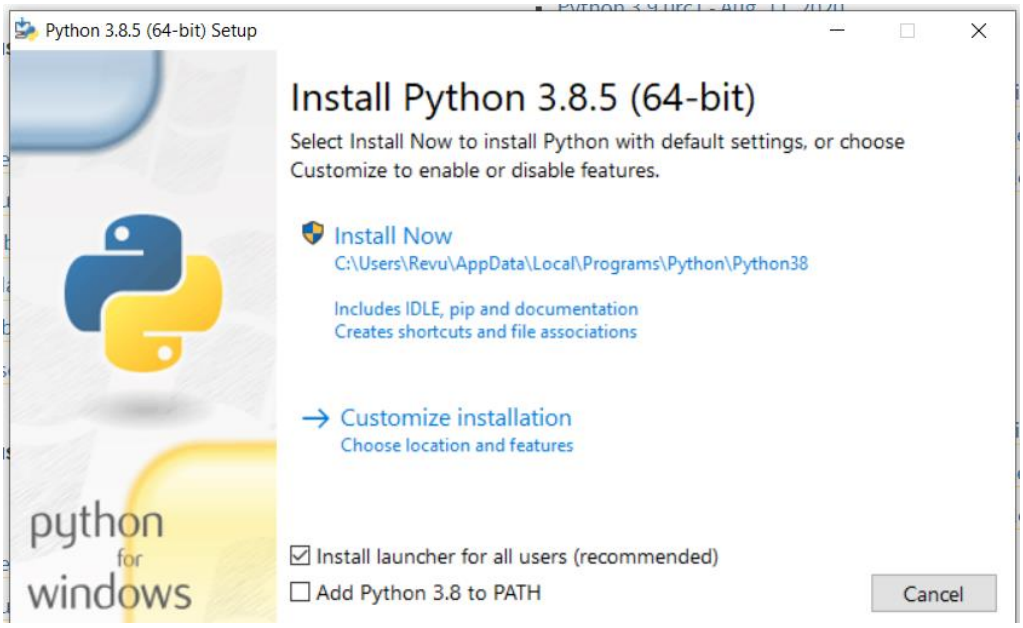

Figure 15. Step 7 in installing PyCharm

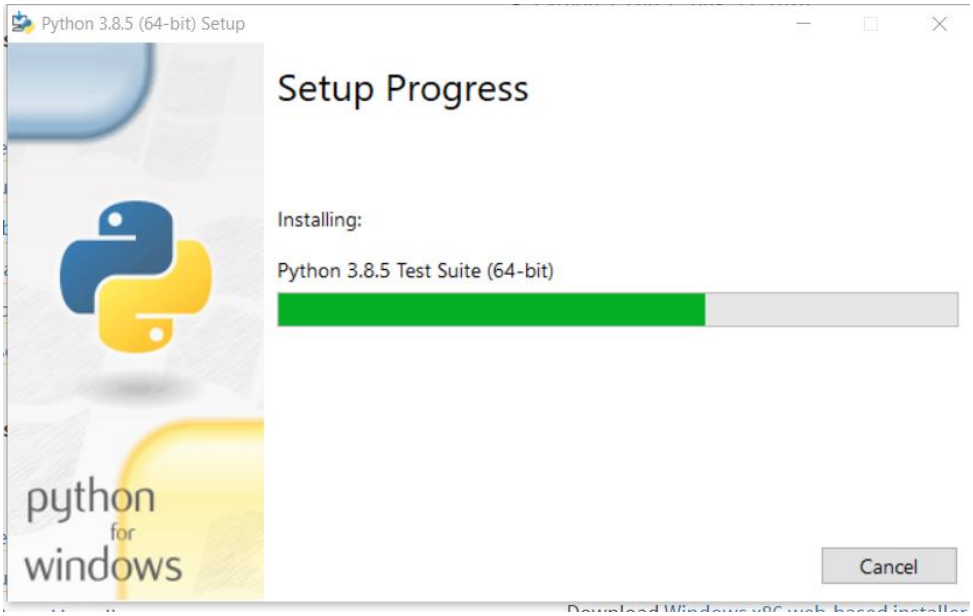

Figure 16. Step 8 in installing PyCharm

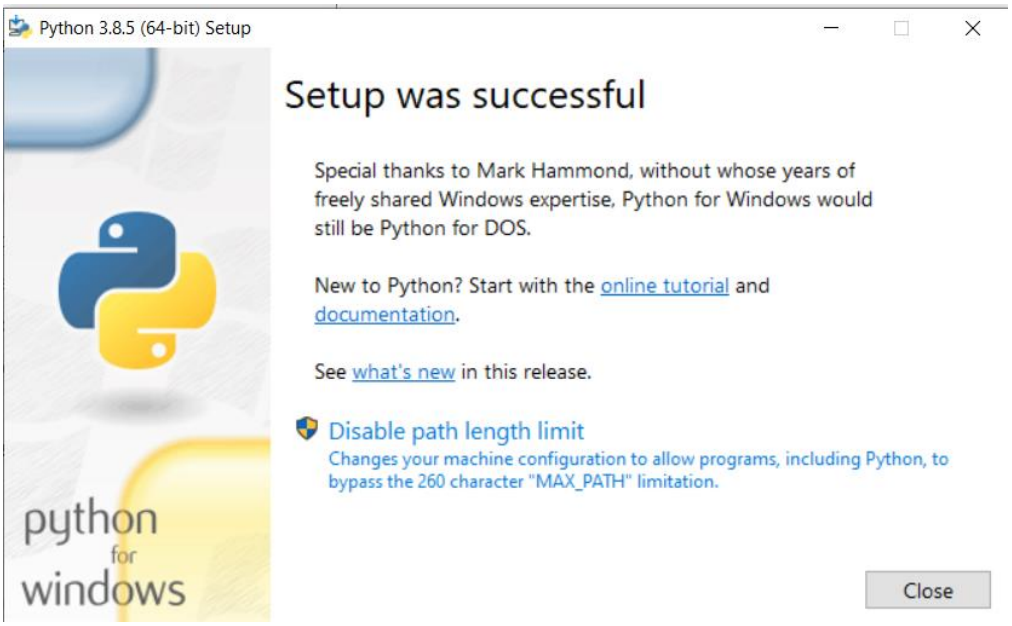

Figure 17. Step 9 in installing PyCharm

Finally, the python has been successfully installed.

References

https://www.anaconda.com/products/individual/get-started

https://www.jetbrains.com/pycharm/download/#section=windows

https://www.python.org/downloads/windows/