

Pre -requisites

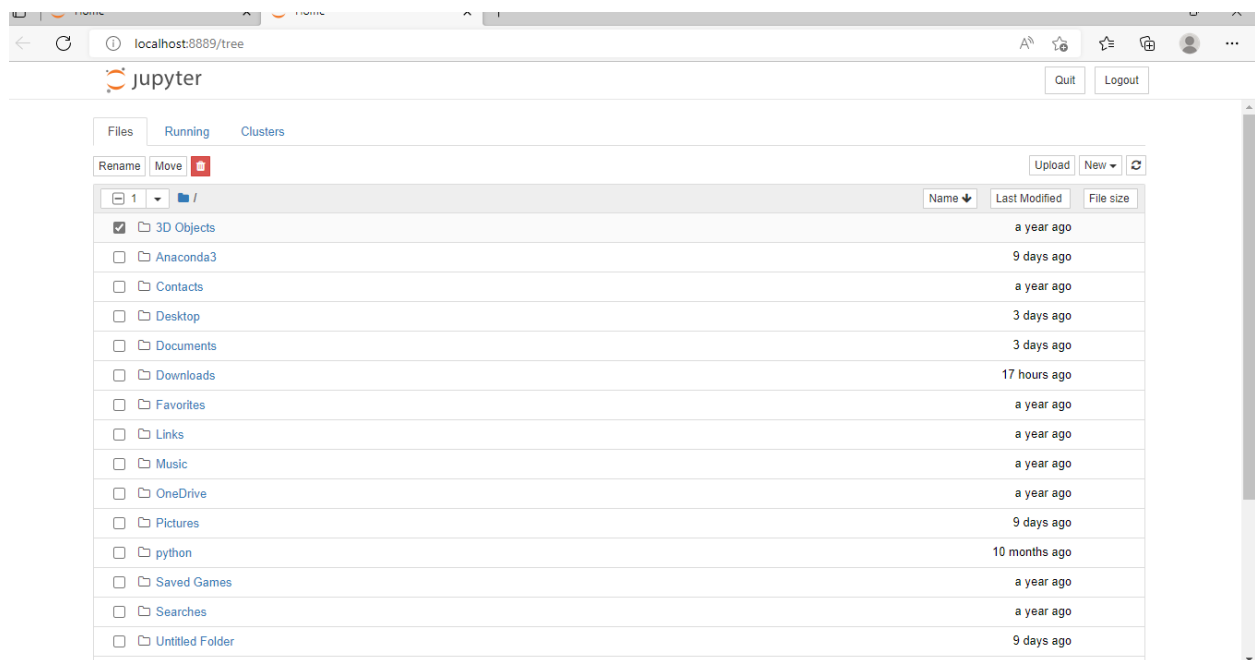
Date	24 september 2022
Team id	PNT2022TMID46204
Project Name	A Novel Method for Handwritten Digit Recognition System

Anoconda Python

Anaconda is an open-source distribution of the Python and R programming languages for data science that aims to simplify package management and deployment.

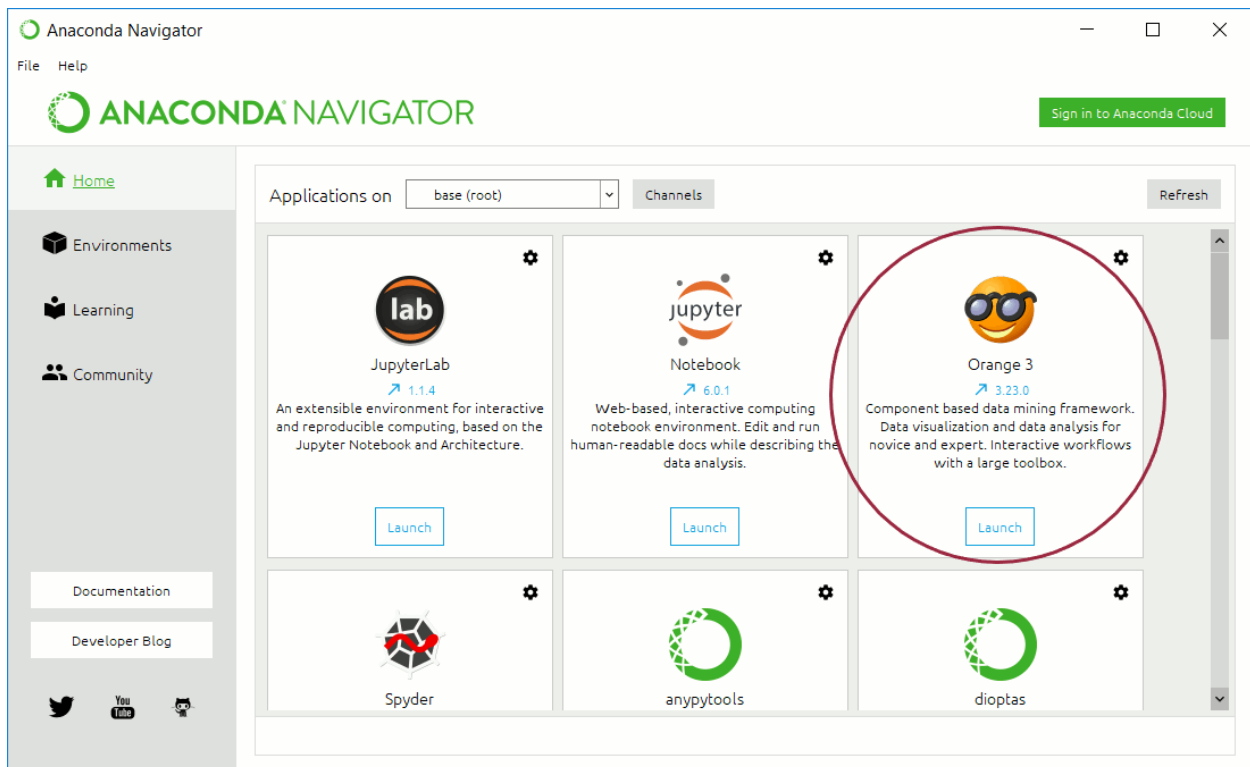
Jupyter Notebook

A server-client application that allows editing and running notebook documents via a web browser.the original web application for creating and sharing computational document-centric experience.



Anoconda Navigator

Anaconda Navigator is a desktop graphical user interface included in Anaconda distribution that allows user to launch application and manage conda command-line commands.



S.No	Title of Paper	Author	Journal Name & YOP	Methodology	Advantages & Disadvantages
1.	Handwritten arabic numeral recognition using deep learning neural networks	Akm Ashiquzaman ,Abdul Kawsar Tushar	icIVPR 15 Feburary2017	1)The first method is the MLP. 2)Second method employ's conventional neural network.	1)The computational disadvantage oThis is f basics MLP against CNN. 2)CNN method enhance accuracy in digital recognition accuracy of 97.4% 3)This is the heighest accuracy for CNATERDB dataset.
2.	Handwritten digital recognition using convolutional neural networks	A.Aluzwazy Hayder, M.albehadli	IJIRCCE 2 Feburary2016	1)The datset is collected from primary, secondary, and university student. 2)The data divided into two parts are training and testing parts	1)A large dataset is called after paying vast effort for distributing and collecting digital from college student. 2)Thus the training and testing are fast which satisfy real time application.
3.	Recognition of automated handwritten digital on document images making use of machine learning techniques	Aarti Gupta , Rohit Mri, Hiral Raja	EJETRS 29 May 2021	1)the segment discuss the method & strategies used to create model. 2)Primary keyword were selected from the list of keywords and used to build the search string .	the limitation included classifier realiability, the absens of abvious generous segment point attached and digits 2) to improve segmentation prevision, multiple classification model can be used simultaneously

4	scop of handwritten recognition indic scrips	Sukhdeep singh	IJRAR 12 september 2018	1)writting electronic application in one own handwritten in native script 2)putting the mathematical equation by simple handwriting	1)the scop of offline & online handwritting recognition in context of indic script 2)so, in order to survival of indic script technological and internet era, a great work is to be alone yet
5	A novel approach to diagnose ADHD using virtual reality	Ha min son,Dony Gyulee	IJWIS 08-August 2021	1)the author use both virtual reality & AI to create an object ADHD diagnostic test 2)As a potential pattent complete mulltiple VR scenes certain action trigger	1)thus the training and testing are fast which satisfy real time application 2)this is the highest record accuracy for CMATERDB dataset