PROFESSIONAL READINESS FOR INNOVATION, EMPLOYABILITY AND ENTREPRENEURSHIP

PROJECT REPORT FOR WEEK 2

Mentor Name: Mrs. SELVI S

Team Leader Name: Praveen Keerthi N

Team Members Name:

1. Sanjay R
2. Praveen S
3. Praveen Keerthi N
4. Saravanan S

Domain: Artificial Intelligence (AI)

Project: A Novel Method for Handwritten Digit Recognition System

Phase 2 Description: Ideation Phase (Literature Survey, Empathize, Defining Problem Statement, Ideation).

ACTIVITY - WEEK 2(29 AUG - 3 SEPT):

- From August 29th, we have been doing our literature survey on our selected project and gathered some information for the project development use-case by referring to research papers, conference papers, articles in professional journals, edited academic books, technical papers, existing solutions etc.
- And we have attended all our orientation training sessions as per the training calendar. While attending the training session, the given exercises were done side by side.

2.1 LITERATURE SURVEY ON THE SELECTED PROJECT & INFORMATION GATHERING.

Collected the relevant information on project use-case, referred the existing solutions, technical papers, research publications etc.

PAPER 1 - A NOVEL METHOD FOR HAND WRITTEN DIGIT RECOGNITION USING DEEP LEARNING.

PUBLISHER: Rohini M (Assistant Professor), Dr. Surendran D (Assistant Professor)

REFERENCE - HTTP://TROINDIA.IN/JOURNAL/IJCESR/VOL6ISS6PART2/32-36.PDF

PAPER 1 - A NOVEL METHOD FOR HAND WRITTEN DIGIT RECOGNITION WITH NEURAL NETWORKS

PUBLISHER: MALOTHU NAGU (Assistant Professor), N VIJAY SHANKAR (Assistant Professor), ANNAPURNA K (Assistant Professor)

REFERENCE - HTTPS://CITESEERX.IST.PSU.EDU/VIEWDOC/DOWNLOAD?DOI=10.1.1.228.158&REP=REP1&TYPE=PDF

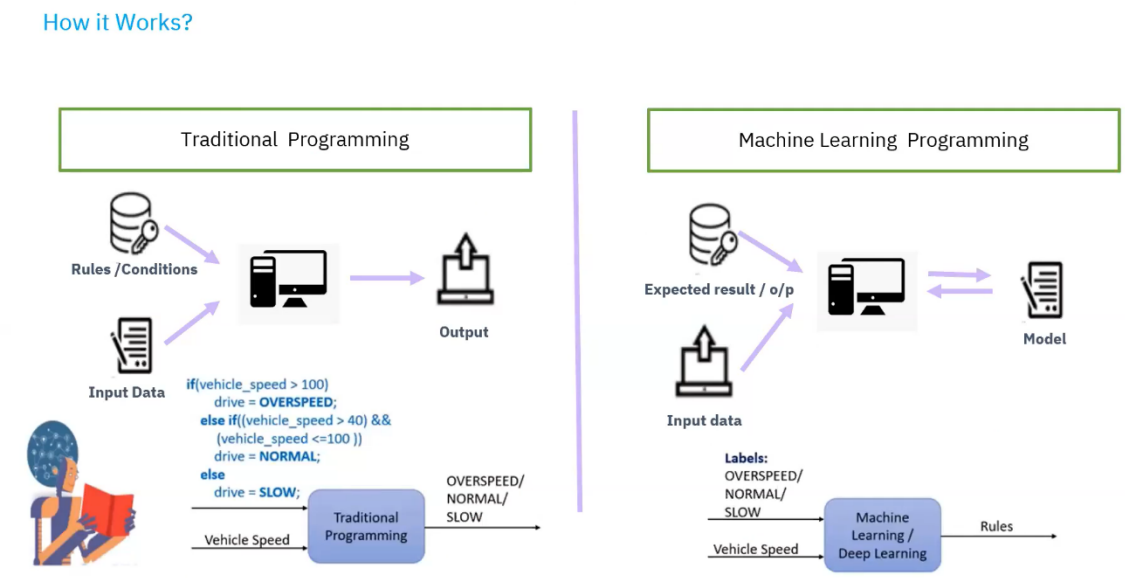
PAPER 1 – A NOVEL HANDWRITTEN DIGIT CLASSIFICATION SYSTEM BASED ON CONVOLUTIONAL NEURAL NETWORK APPROACH.

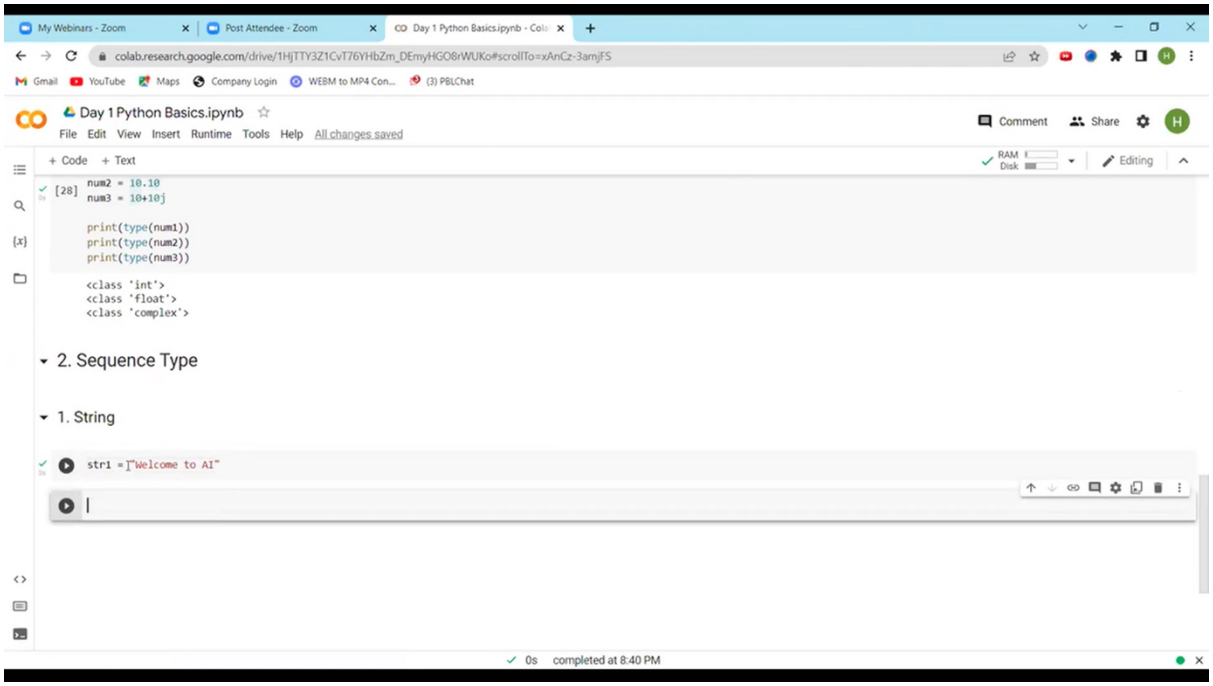
PUBLISHER: Ali Abdullah Yahya (Anqing Normal University), Jieqing Tan (Hefel University of Technology), Min Hu (Hefel University of Technology)

REFERENCE - HTTPS://WWW.RESEARCHGATE.NET/PUBLICATION/354755659_A_NOVEL_HANDWRITTEN_DIGIT_CLASSIFICATION_SYSTEM_BASED_ON_CONVOLUTIONAL_NEURAL_NETWORK_APPROACH

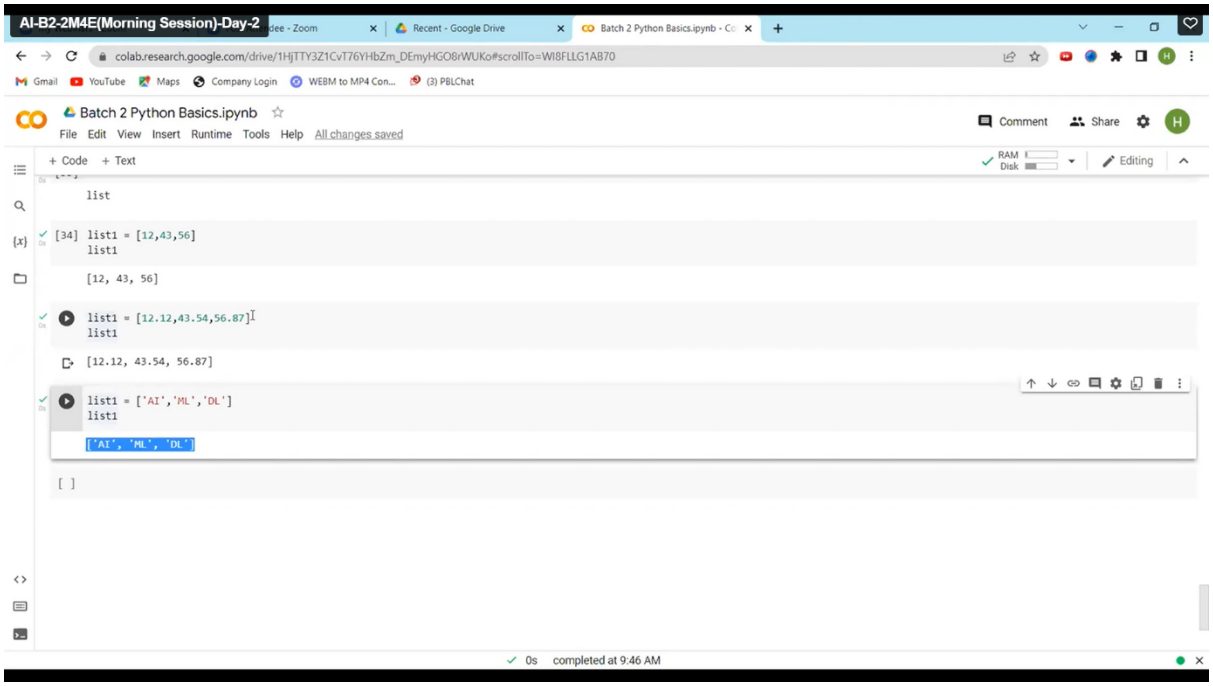
2.2 ATTENDED THE TECHNOLOGY TRAININGS AS PER THE TRAINING CALENDAR.

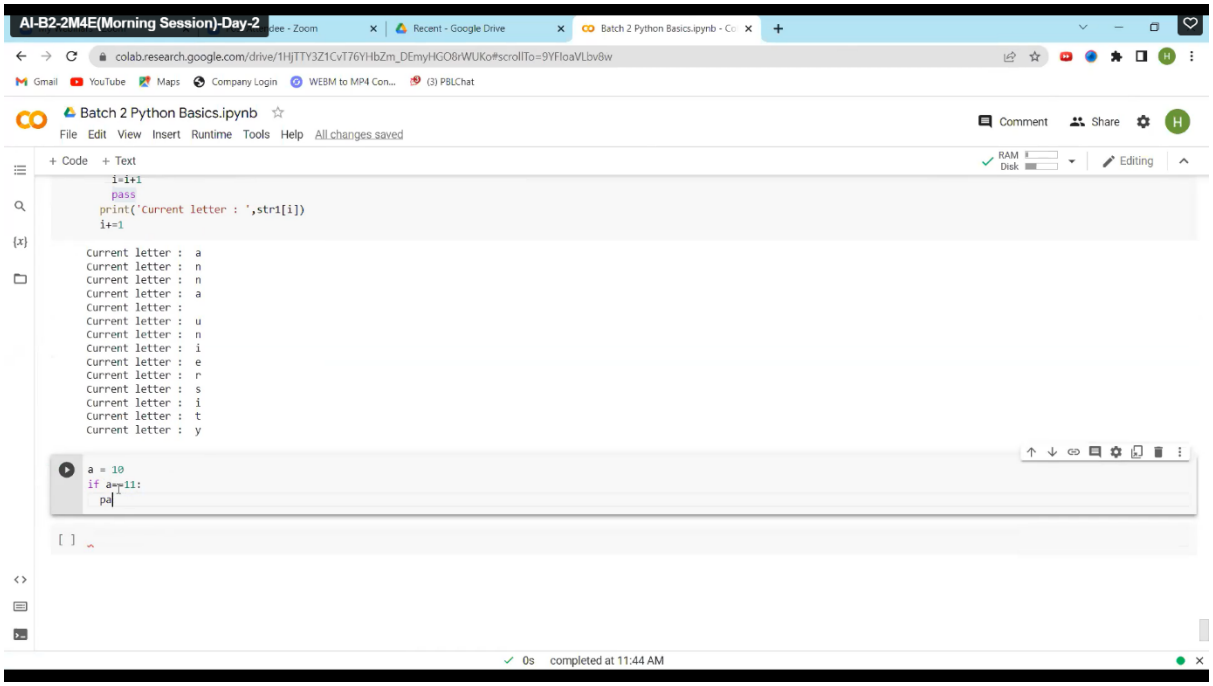
AI - B2 - 2M4E (Evening Session) - Day 1:





AI - B2 - 2M4E (Morning Session) – Day 2:




AI-B2-2M4E(Morning Session)-Day-2
Recent - Google Drive
Batch 2 Python Basics.ipynb - Co
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Gmail
YouTube
Maps
Company Login
WEBM to MP4 Con...
(3) PBLChat
Batch 2 Python Basics.ipynb
File Edit View Insert Runtime Tools Help All changes saved
Comment
Share
+ Code
+ Text
RAM
Disk
Editing
i=i+1
pass
print('Current letter : ',str1[i])
i+=1
Current letter : a
Current letter : n
Current letter : n
Current letter : a
Current letter :
Current letter : u
Current letter : n
Current letter : i
Current letter : e
Current letter : r
Current letter : s
Current letter : i
Current letter : t
Current letter : y
a = 10
if a==11:
pa
[ ]
0s completed at 11:44 AM