NALAIYA THIRAN
WEEK 2 REPORT

Project Tile: A Novel Method for Handwritten Digit Recognition System

Team ID: PNT2022TMID15720

GitHub ID:
https://github.com/IBM-EPBL/IBM-Project-24169-1659939062

Mentor Name: N Banupriya

Team Members: Kasamsetty Rahul (Team Leader) – 111719104073
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Phase 2 Description: Ideation Phase (Literature Survey, Empathize, Defining Problem Statement, Ideation)

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 Approach for Handwritten Digit Recognition Using Multilayer Perceptron Neural Network

Publisher : Advances in Intelligent Systems and Computing book series (AISC,volume 1418)
Reference : https://link.springer.com/chapter/10.1007/978-3-030-90639-9_19

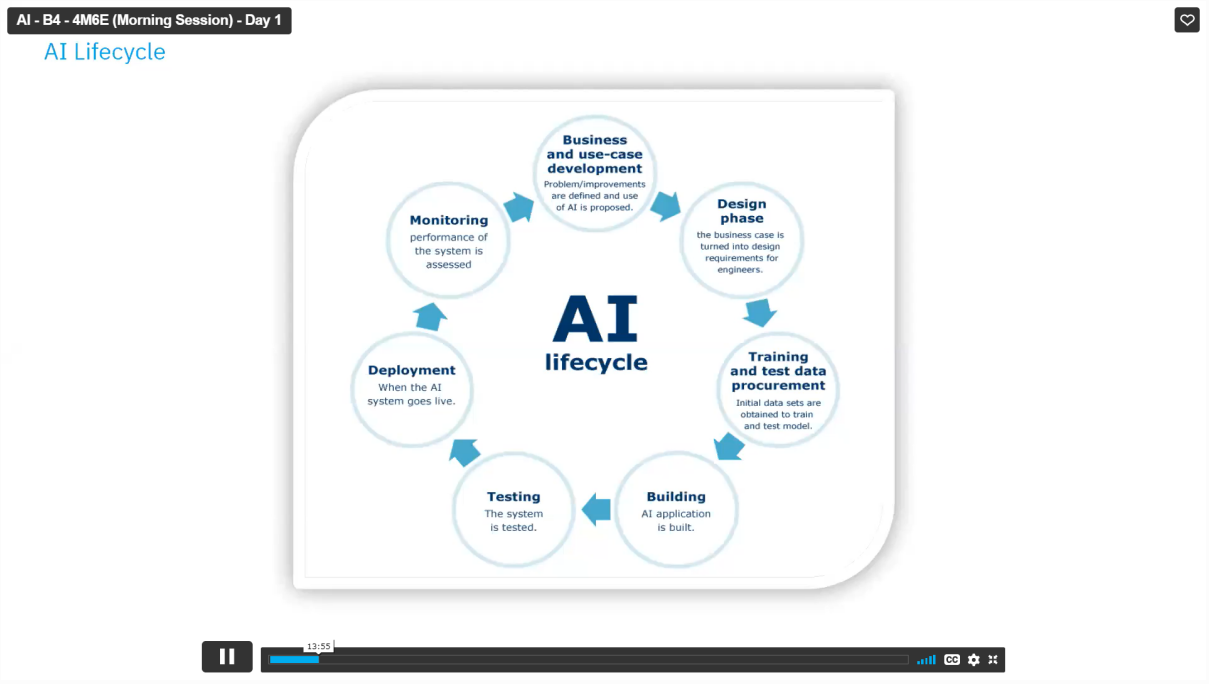
Paper 2 - A Novel Handwritten Digit Classification System Based on Convolutional Neural Network Approach

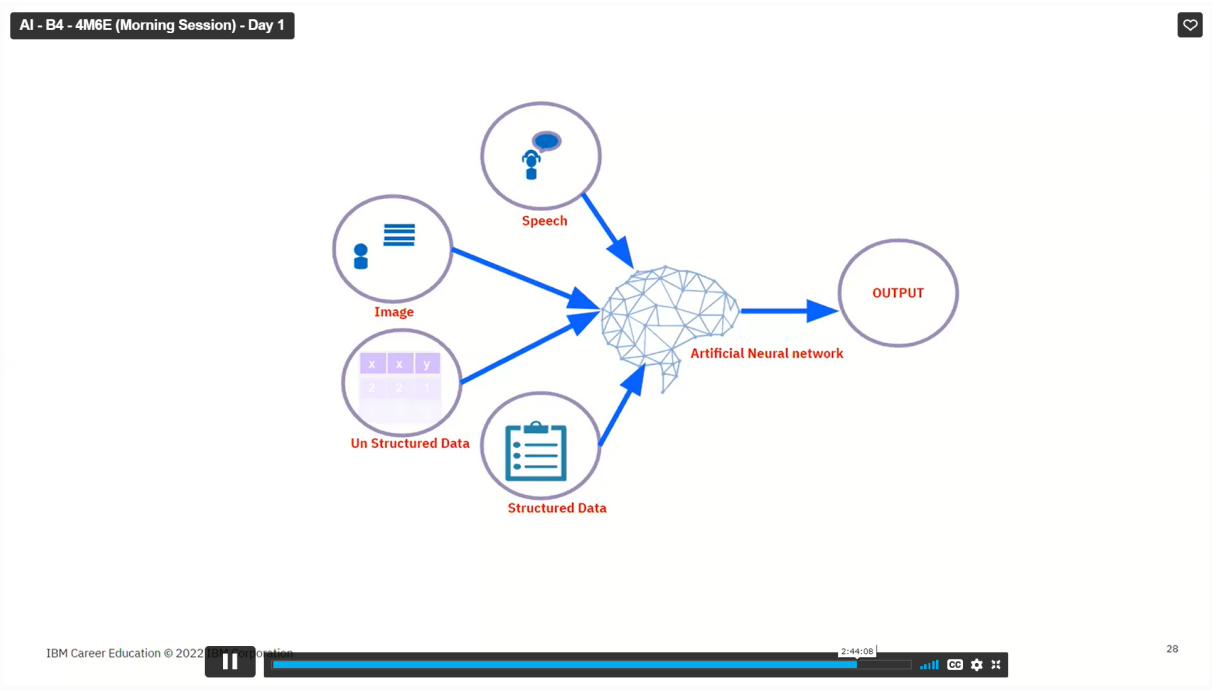
Publisher : Ali Abdullah Yahya , Jieqing Tan , Min Hu
Reference: https://pubmed.ncbi.nlm.nih.gov/34577479/

2.2 Attended the technology trainings as per the training calendar

AI-B4-4M6E (Morning Session)-Day-1 (01.09.2022)

Our Day 1 Session was on September 1st which was based on the basics of Artificial Intelligence like the History and Application of AI, Basics of Deep Learning and Machine Learning, Programming Language for AI (Python) and Frameworks of AI.





AI-B4-4M6E (Evening Session)-Day-2 (03.09.2022)

Day 2 Session was on September 3rd which was a Hands-on session based on basics of python and how to work on Colab.