

# Professional Readiness for Innovation, Employability and Entrepreneurship

## Project Report for Week 5

**Project Title:** AI-powered Nutrition Analyzer for Fitness Enthusiasts

**Team ID:** PNT2022TMID15800

**GitHub ID:** IBM-Project-24498-1659943754

**Mentor Name:** Mrs. S. Selvi

**Team Members:** P Jai Siva Ranjani (Team Leader) – 111719104118

Ishwarya S – 111719104062

Lavanya S – 111719104084

Manasa G C – 111719104090

On September 22nd we had a session on How to view marks , reviews and completed status of our project in ibm account and learned only team leader can assign task to team member in IBM account.

The screenshot displays the IBM Project Workspace interface. At the top, there's a navigation bar with tabs for 'AI-B4-4M6E(Morning Session)-Day-7', 'Class Music by AShamal', 'My Webinars - Zoom', and 'IBM'. The main content area shows a Kanban board titled 'IDEATION PHASE' with four columns: 'BACKLOG', 'IN-PROGRESS', 'REVIEW', and 'COMPLETE'. Each column contains task cards with details like task ID, title, progress percentage, and assigned team members (SA, SD, MP, TR). Below the Kanban board, there's a section for 'PROJECT DESIGN PHASE - I'. The bottom of the screen shows a Windows taskbar with various application icons and a system tray indicating the time as 7:59 PM on 10/1/2022.

Task ID	Task Title	Progress (%)	Assigned To
TSK-14145	Ideation	0	SA, SD, MP, TR
TSK-14144	Prepare Empathy Map	50	SA, SD
TSK-14143	Literature Survey On The Selected Project & Information Gathering	90	MP, TR

AI-B4-4M6E(Morning Session)-Day-7

Music by ASha x My Webinars - Zoom x IBM x IBM

careereducation.smartinternz.com/student-assign-task/52691

IBM SETTINGS

Profile

Dashboard

Projects

Change Password

Support

Orientation Sessions

Training Calendar

Note: Request you to please click on "Tick mark ✓" after assigning the activities for each milestone.

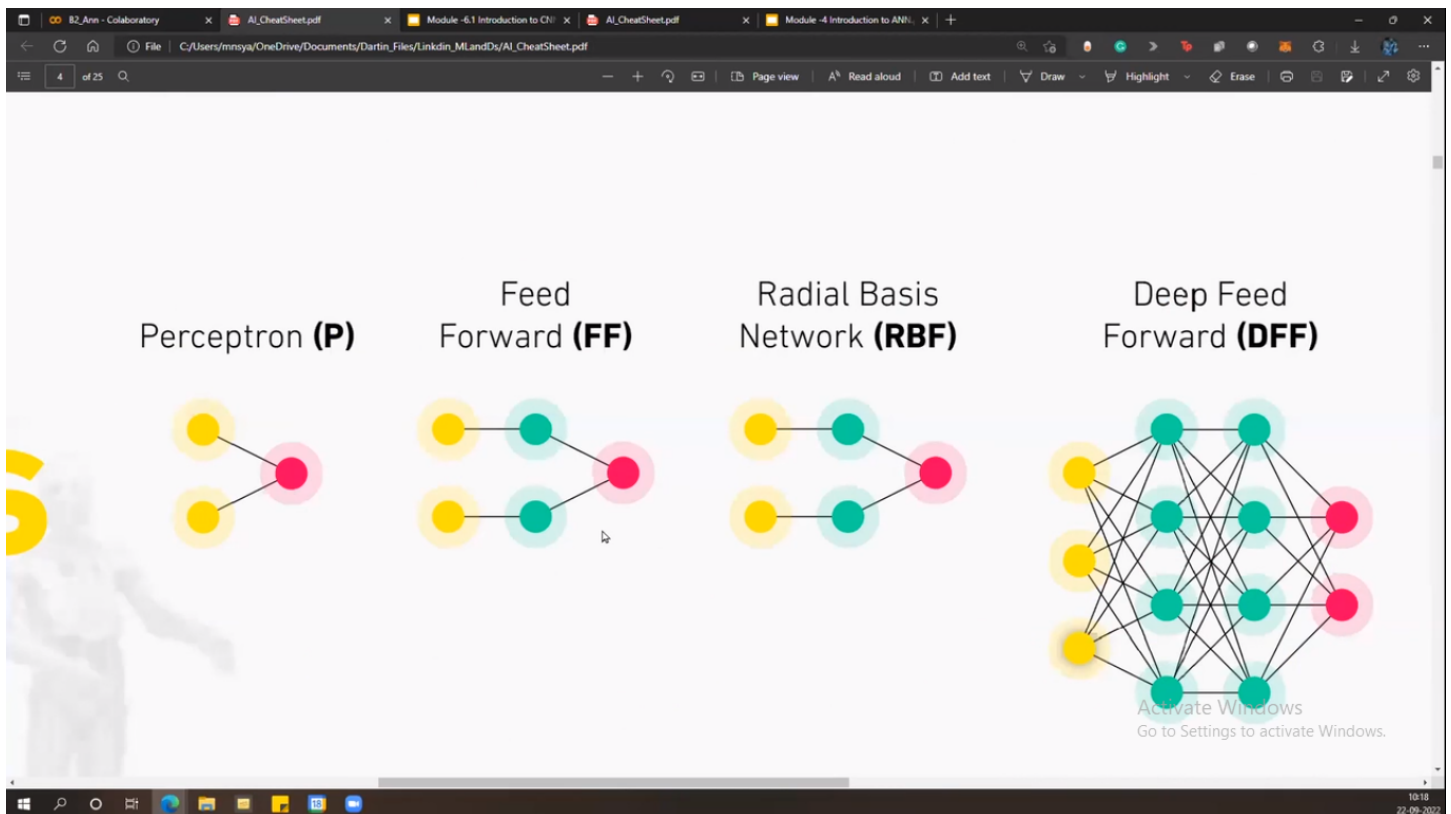
Assign Roles & Responsibilities to Team

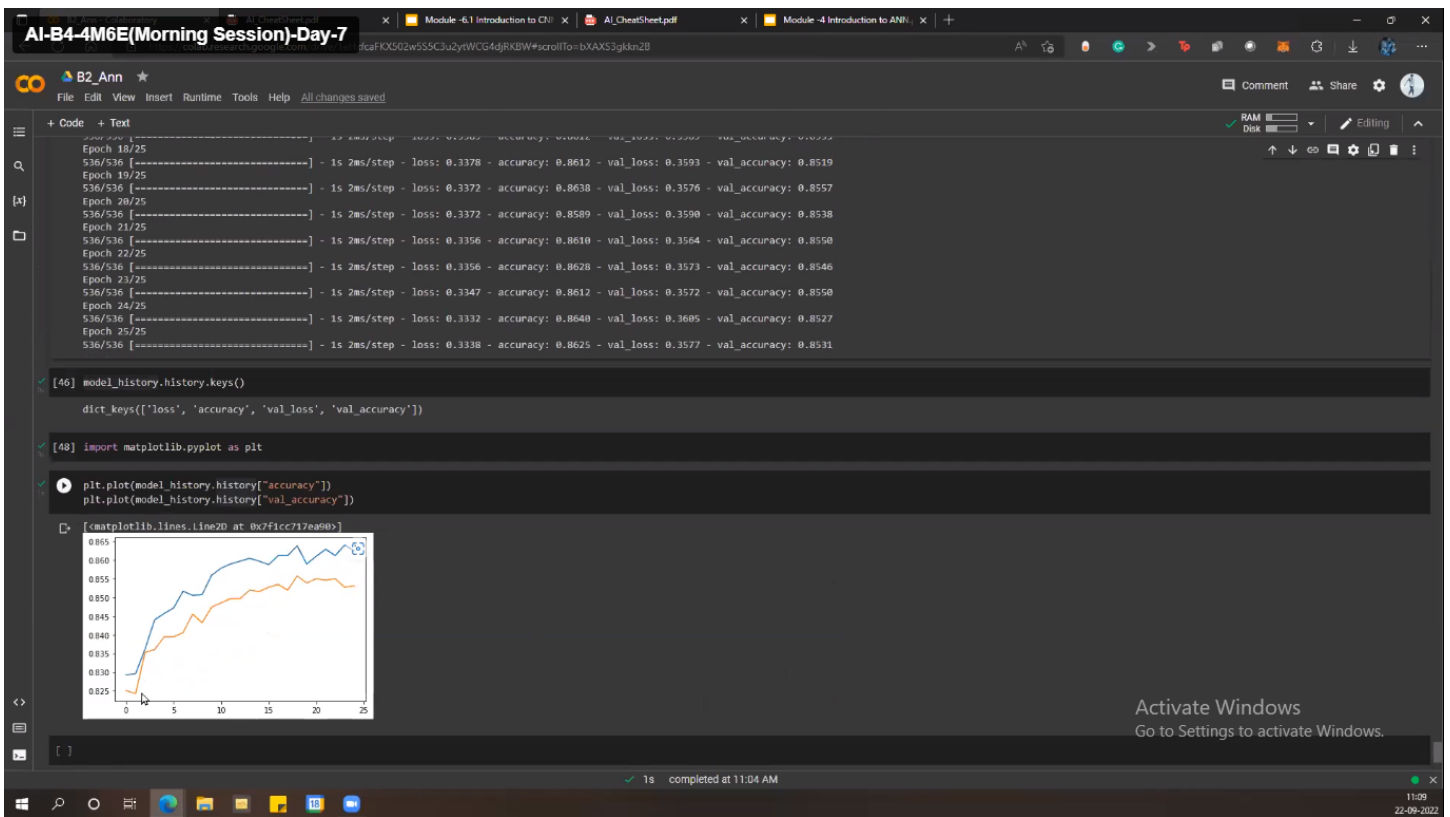
Proceed to Workspace

Project Design Phase - I	Problem Solution Fit	Team	Status
		Tarak Reddy Mamatha Parigala Sandeep Doodigani Sai Charan Ambaati	✓ ✗
Ideation Phase	Literature survey on the selected	Tarak Reddy Mamatha Parigala	✓ ✗
Ideation Phase	Prepare Empathy Map	Sandeep Doodigani Sai Charan Ambaati	✓ ✗
Ideation Phase	Ideation	Tarak Reddy Mamatha Parigala Sandeep Doodigani Sai Charan Ambaati	✓ ✗
Project Design Phase - I	Proposed Solution	Tarak Reddy Sai Charan Ambaati	✓ ✗

Activate Windows  
Go to Settings to activate Windows.

- And learned different types of neural network to implement the program





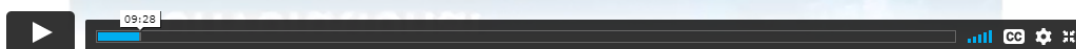
On September 24th we had a session Convolutional Neural Network , types of images , CNN layers and case study Animal specific image classification using Convolutional neural network.

## Convolution Neural Network

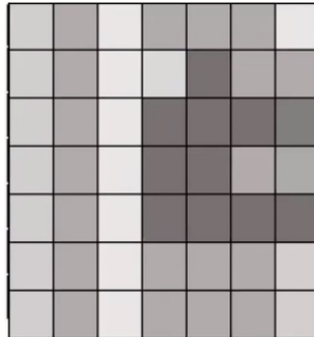
Press **Esc** to exit full screen



Activate Windows  
Go to Settings to activate Windows.



## Gray Scale Images



80	95	10	172	175	123	143
80	95	10	180	230	123	145
80	95	10	230	230	230	230
80	95	10	230	230	123	179
80	95	10	230	230	230	186
80	95	10	100	100	100	95
80	95	10	100	100	100	95

Activate Windows  
Go to Settings to activate Windows.



7

## Case Study:

Module -6.1 Introduction to CNN

Case Study:- Animal Species image Classification using convolution neural network

Activate Windows  
Go to Settings to activate Windows.


19:04  
24-09-2022

To open CV:

Module -6.2 Introduction to OpenCV

How computer see the Image...(cont'd.)

How human Being see the image



How Computer see the image

62	79	23	119	120	105	4	0
10	10	9	62	12	78	34	0
10	58	197	46	46	0	0	48
176	135	5	188	191	68	0	49
2	1	1	29	26	37	0	77
0	89	144	147	187	102	62	208
255	252	0	166	123	62	0	31
166	63	127	17	1	0	99	30

Activate Windows  
Go to Settings to activate Windows.

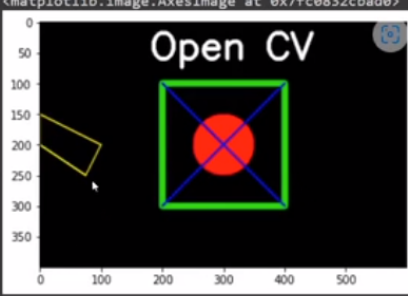
B2\_Ann

File Edit View Insert Runtime Tools Help All changes saved

+ Code + Text

```
plt.imshow(img1)
```

<matplotlib.image.AxesImage at 0x7fc0832cbad0>



Activate Windows  
Go to Settings to activate Windows.