

**Mahajana Education Society (R)**  
**SBRR Mahajana First Grade College (Autonomous)**  
Affiliated to University of Mysore  
Re-Accredited by NAAC with 'A' Grade, College with Potential for Excellence  
**Post Graduate Wing**  
**Pooja Bhagavat Memorial Mahajana Education Centre**  
K R S Road, Metagalli, Mysuru – 570 016

Date: 27/04/2024

**Title of the Event and name of the venue:**

Webinar on GUI's For AIML.

**Venue:** Online

**Details of the department organizing the event in collaboration with institution:**

Department of Studies in Computer Science (MCA & MSc. Computer Science) in collaboration with Padaams Innovative Technolabs Private Limited, Mysuru.

**Purpose and scope of the event:**

The objective of the interactive webinar is to educate the students about GUI's for AIML with hands-on experience to create the GUI's.

**Details of the event:**

The Department Of Studies in Computer Science (MCA & MSc. Computer Science) coordinated with Mr Deepak P, CEO, Padaams Innovative Technolabs Private Limited, Mysuru to conduct an interactive webinar on GUI's For AIML. The session was about how to build a Sentiment Analysis App using Gradio and Hugging face. Students were educated about sentiment analysis, Gradio, Hugging face and the steps used to install dependencies and transformers.

Gradio is an open-source Python package that allows you to quickly create easy-to-use, customizable UI components for your ML model, any API, or even an arbitrary Python function using a few lines of code.

Gradio can be embedded in Python notebooks or presented as a webpage. Its interface can automatically generate a public link you can share with colleagues that lets them interact with the model on your computer remotely from their own devices. The created interface can be permanently host on Hugging Face servers and provide a link which can be shared.

Installation of Gradio was shown to the students which requires Python 3.8 or higher using pip and this can be run in the terminal or command prompt. The interface classes and the core arguments were discussed to create the code.

Students were given hands on session to create a simple application. Details of Sentiment Analyzer were shared with the students which is an AI sentiment analyzer which checks and gets the emotions in a particular utterance.

An online quiz was also conducted for all the students based on the session covering Gradio.

**A brief profile of the resource person:**

Mr. Deepak P, is the Chief Executive Officer at Padaams Innovative Technolabs Private Limited, Mysuru. PADAAMS, a start-up IT company that specializes in providing cutting-edge software development and digital marketing solutions to clients across a wide range of industries.

**No. of Participants:**

A total of 94 students attended the webinar.



Dr. B R Jayakumari

Principal

**PRINCIPAL**

Smt. Bhagyalakshamma Rattehalli Ramappa  
Mahajana First Grade College (Autonomous)  
Jayalakshmiapuram MYSURU-570 012



Dr. Anisha Kumar

Event Co-ordinator

## What is Sentiment Analysis?

Sentiment analysis is the use of natural language processing, text analysis, computational linguistics to systematically identify, extract, quantify, and study affective states and subjective information.

OR

Sentiment Analysis is the ability of Artificial Intelligence to analyze a sentence or block of text and get the emotions behind that sentence or block of text.



Create an end-to-end AI Sentiment Analysis web application using Gradio and hugging face transformers



## What is Gradio?

Gradio is an open-source python library that allows you to quickly create easy-to-use, customizable UI components for the ML model, any API, or any arbitrary function in just a few lines of code.

Gradio makes it very easy for you to build Graphical User Interfaces and deploy machine learning models.

Gradio allows you to build graphical components for the models and they provide the model's prediction functionality through functions.



### REVIEWS

1. Smells amazing! A perfect purchase :)
2. Must buy! Super amazing.
3. Quite satisfactory

LYZER



POSITIVE (81%)



**Build a Sentiment Analysis App Using Gradio and Hugging Face**

meet.google.com is sharing your screen. [Stop sharing](#) [Help](#)

Deepak is presenting



Deepak

Shan...

Megha

Charan Raj212 left