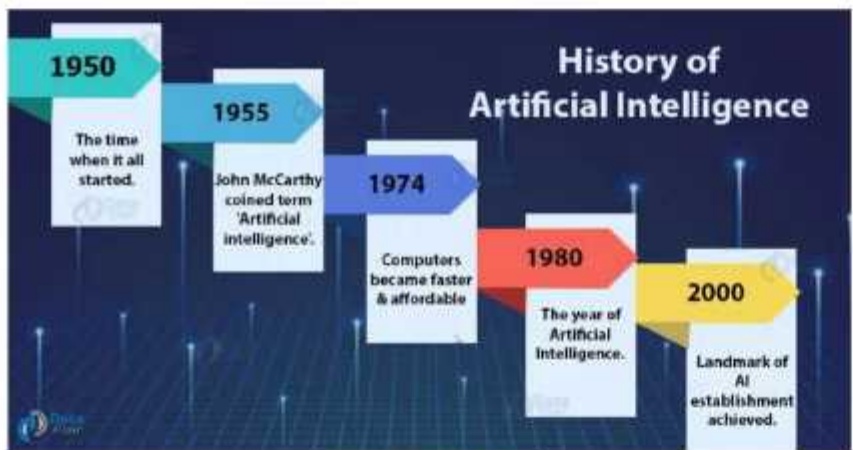


GENERAL AI USE CASE : CLASSIFY

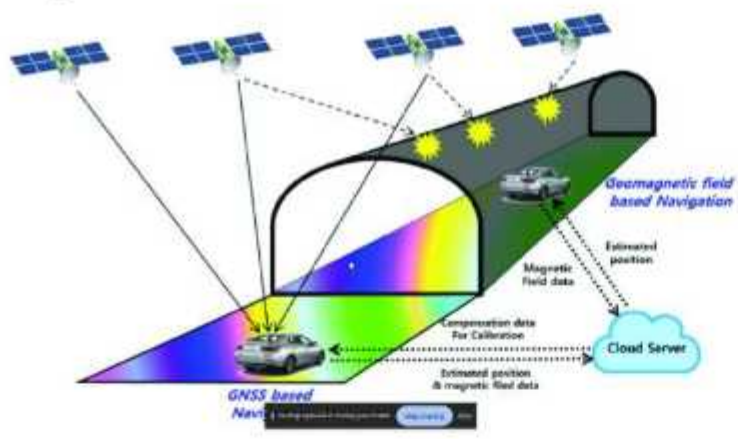




 Binu A.	 Rajeesh Rajkumar	 Dr. Sonia Paul
 Varghese Panthol...	 Sivvy Mathew	 Kiran J
 anju c	 14 others	 Dr. Rinku Jacob

Binu A. (Presenting)

Car Navigation



 Binu A.	 Rajeesh Rajkumar	 Dr. Sonia Paul
 Varghese Panthol	 Silvy Mathew	 Kiran J
 anju c	 15 others	 Dr. Rinku Jacob

GENERATIVE AI

Neural Networks

Artificial Intelligence
Machine Learning
Deep Learning
Generative AI

 Binu A	 Dr. Sonis Paul	 Dr. Deepthi Jayan...
 anju c	 Communications ...	 Kiran J
 jinahe TK	 9 others	 Dr. Rinku Jacob

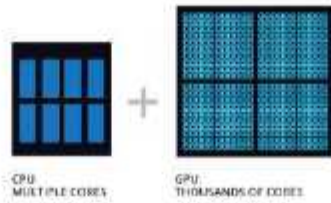
Generative AI and the Future of Work

How Artificial Intelligence Will Reshape the Workplace and Employee Experience



Binu A	Dr. Sonis Paul	Dr. Deepthi Jayan...
anju c	Communications ...	Kiran J
jinahe TK	9 others	Dr. Rinku Jacob

AI become the buzzword after 2014, Why?



Mojo — a new programming language for all AI developers.

Up to 3500x faster than Python



A grid of nine participant avatars in a meeting interface. The participants shown are: Binu A., Rejeesh Rajkumar, Dr. Sonia Paul, Varghese Parthol..., Silvy Mathew, Kiran J, anju c, 15 others, and Dr. Rinku Jacob.

Tensor Flow: What's in a Name?

- A tensor, put simply, is an n-dimensional matrix.

(1)

SCALAR

5 3 7

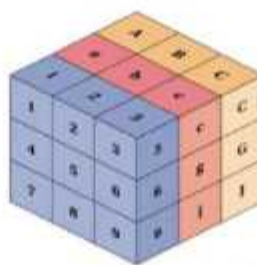
Row Vector
(shape 1x3)

5
1.5
2

Column Vector
(shape 3x1)

4 19 8
16 3 5

MATRIX



TENSOR

<https://www.tensorflow.org/> [TensorFlow](#)



meet.google.com/btki-quth-imp

Binu A (Presenting)

The screenshot shows a Google Meet interface. The main window displays a presentation slide with two rows of images. The top row features three images of colorful, stylized characters in a game-like environment. The bottom row features four images of people in formal attire performing a dance or theatrical piece. On the right side, a grid of participant avatars is visible, including Binu A (the presenter), Dr. Sonis Paul, Dr. Deepthi Jayan..., anju c, Communications..., Kiran J, jinahe TK, 9 others, and Dr. Rinku Jacob. The bottom of the screen shows the Windows taskbar with the search bar, taskbar icons, and system tray information including the time (11:30 AM) and date (29-06-2024).

11:30 AM | Two-Day Online Skill Development Program

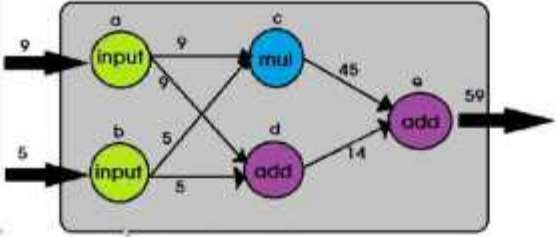
Type here to search

31°C Mostly cloudy

11:30 29-06-2024

Building your first TensorFlow graph

```
import tensorflow as tf
a = tf.constant(9, name="input_a")
b = tf.constant(5, name="input_b")
c = tf.multiply(a,b, name="mul_c")
d = tf.add(a,b, name="add_d")
e = tf.add(c,d, name="add_e")
tf.print(c)
```



Participant list:

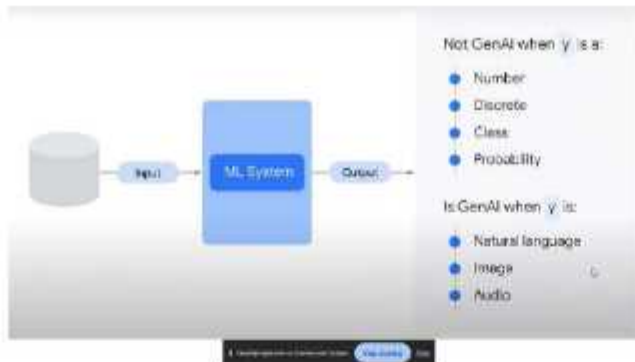
- Binu A.
- Rajeesh Rajkumar
- Dr. Sonia Paul
- Varghese Panthol...
- Silvy Mathew
- Ms. Saritha V.
- Alphonse Thomas
- 10 others
- Dr. Rinku Jacob

Simple Matrix Multiplication

```
Algorithm 1: The Naive Matrix Multiplication Algorithm
Data:  $S[A][B]$ ,  $P[C][D]$ 
Result:  $Q$ 
if  $B == C$  then
  for  $m = 0; m < A; m++$  do
    for  $x = 0; x < D; x++$  do
       $Q[m][x] = 0;$ 
      for  $k = 0; k < C; k++$  do
         $Q[m][x] += S[m][k] * P[k][x];$ 
      end
    end
  end
end
```

Binu A. | Rejeesh Rajkumar | Dr. Sonia Paul
Varghese Panthol... | Silvy Mathew | Ms. Saritha V.
Alphonse Thomas | 10 others | Dr. Rinku Jacob

DIFFERENCE : CLASSIFY VS GENERATIVE



Participant list:

- Binu A
- Dr. Sonis Paul
- Dr. Deepthi Jayan...
- anju c
- Communications ...
- Kiran J
- Dr. Regin Ramdas ...
- 8 others
- Dr. Rinku Jacob

AI Multiple

Generative AI Tools



 Binu A	 Dr. Sonis Paul	 Dr. Deepthi Jayan...
 anju c	 Communications ...	 Kiran J
 Dr. Regin Ramdas ...	 8 others	 Dr. Rinku Jacob