

Dr. Ram Prasad K VisionCog R&D



#### **Connection between fields**

#### Artificial Intelligence

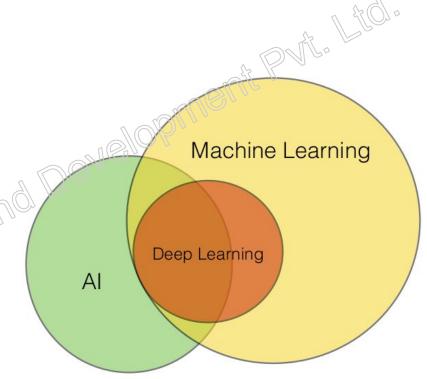
- Subfield of Computer Science
- Solving tasks human are good at (NLP, image recognition, etc)

#### Artificial General Intelligence

Multipurpose AI mimicking human intelligence

### Narrow Artificial Intelligence

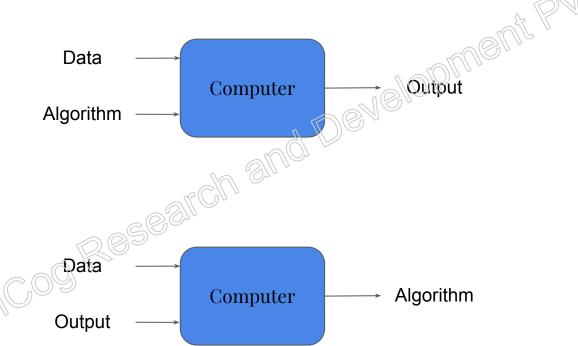
• Solving a particular task (self-driving cars, playing games, etc)





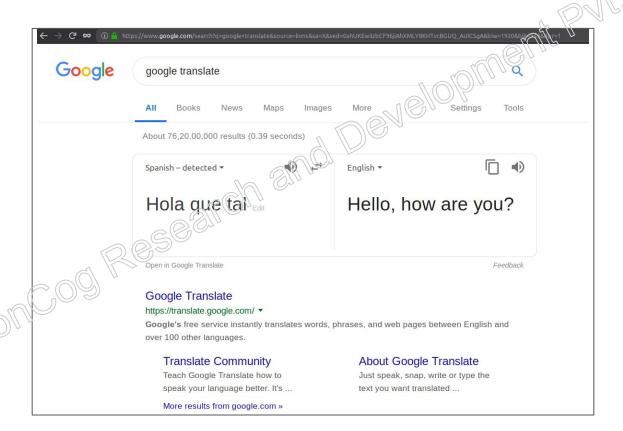
#### **Traditional programs**

**Machine Learning** 





#### Language translate





#### Virtual personal assistant





#### **Intelligent personal assistant**





#### Recommendations



## Recommended for You

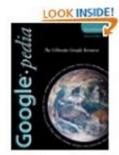
Amazon.com has new recommendations for you based on <u>items</u> you purchased or told us you own.



Google Apps
Deciphered: Compute in
the Cloud to Streamline
Your Desktop



Google Apps
Administrator Guide: A
Private-Label Web
Workspace



Googlepedia: The
Ultimate Google
Resource (3rd Edition)



#### **Recommendations**



#RowdyBaby #Maari2

Maari 2 - Rowdy Baby (Video Song) | Chariush, Sai Pallavi | Yuvan Shankar Raja | Balaji Mohan

316,296,214 views









Wunderbar Studios

Unleasning the Video Song of #RowdyBaby from #Maari2. Maari 2 stars Dhanush, Sai Pallavi, Krishna, Varalakshmi Sarathkumar & Tovino Thomas in lead roles; Music Composed by Yuvan Shankar Raja & Directed by Balaji Mohan.

SHOW MORE



Up next





Saamy<sup>2</sup> - Pudhu Metro Rail Video | Chiyaan Vikram,

SonvMusicSouthVEV0 36M views



Mix - Maari 2 - Rowdy Baby (Video Song) | Dhanush, Sai Pallavi | Yuvan



Gulaebaghavali | Guleba Full Video Song | 4K | Kalyaan |

Think Music India 100M views



Ullaallaa Lyric Video – Petta | Superstar Rajinikanth | Sun

Sun TV 🗇 27M views



Sivakarthikevan and Aaradhana fun interaction at JFW Movie

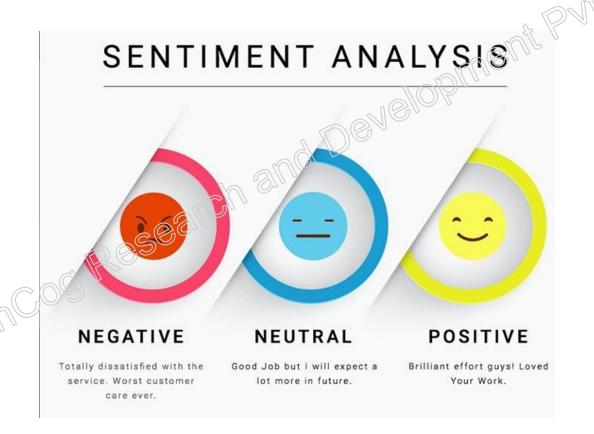
JFW - Just for Women 🥥



90 Williams Chinna Machan | Lyrical |

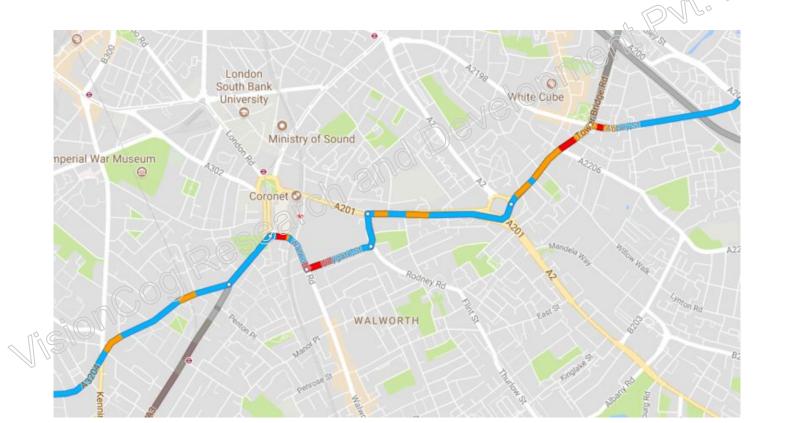


#### **Sentiment Analysis**



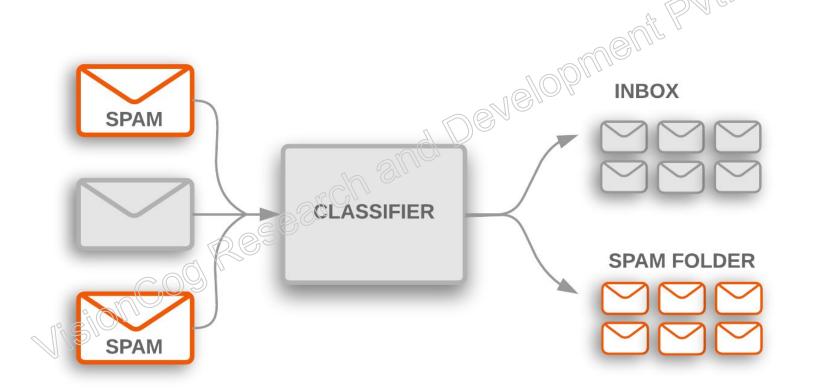


#### **Predictions**



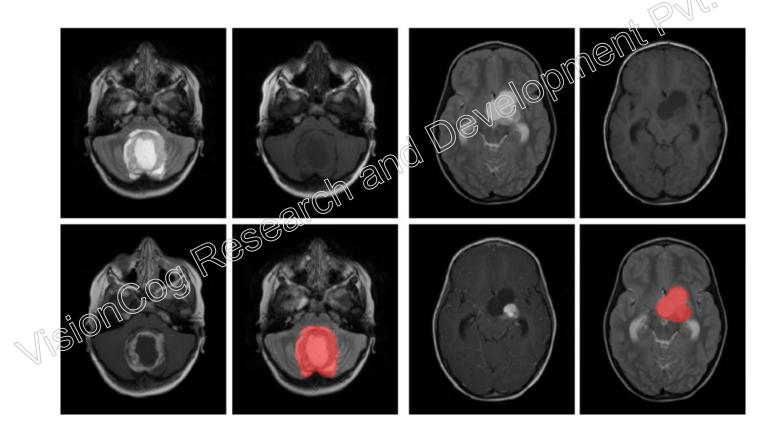


#### **Mail Classification**



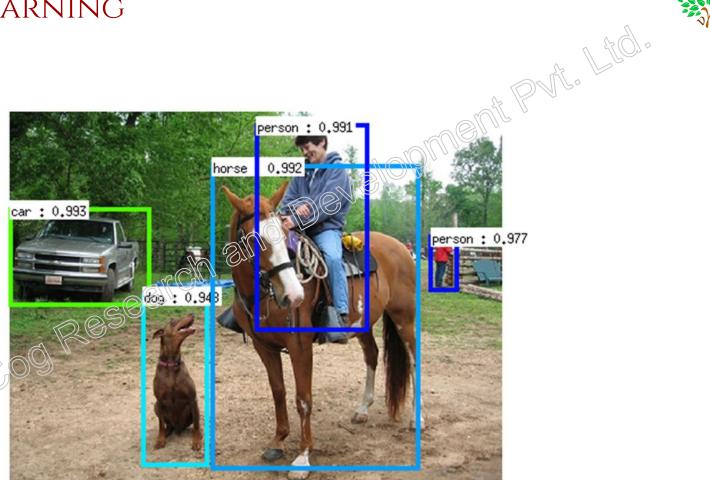


#### **Medical Diagnosis**





#### **Object Detection**



Vision



#### **Self Driving Cars**



#### **Face Detection and Inference**



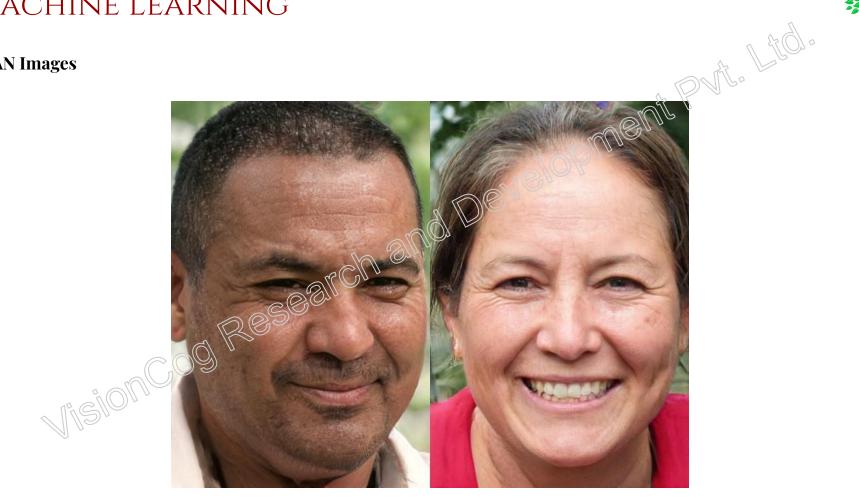


#### **Sketch-AI (NVIDIA)**





**GAN Images** 



No.

AI Portrait sold for \$432500 (Roughly 3 crores INR)



VisionCog P

# No.

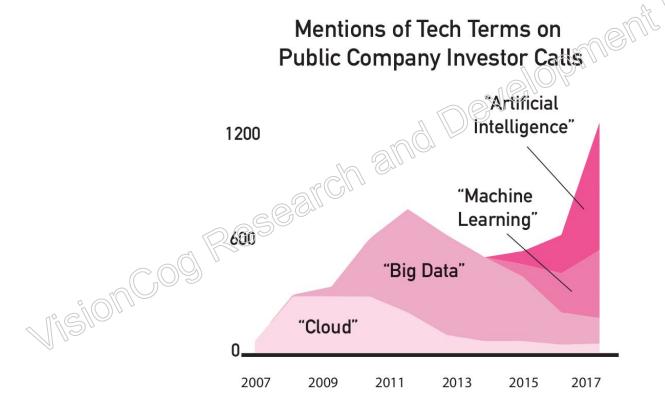
## ACM A.M Turing Award - 2018

For conceptual and engineering breakthroughs that have made deep neural networks a critical component of computing.





## Trends in Investments





Featured content Current events Random article Donate to Wikipedia Wikipedia store

Interaction

Help
About Wikipedia
Community portal
Recent changes
Contact page

Tools

What links here
Related changes
Upload file
Special pages
Permanent link
Page information

## TIOBE index

From Wikipedia, the free encyclopedia

TIOBE programming community index is a measure of popularity of programming languages, created and maintained by the TIOBE Company based in Eindhoven, the Netherlands. [1] TIOBE stands for *The Importance of Being Earnest*, the title of a comedy play by Oscar Wilde that was first performed in 1895. [2] The index is calculated from the number of search engine results for queries containing the name of the language. [3] The index covers searches in Google, Google Blogs, MSN, Yahoo, Baidu, Wikipedia and YouTube. The index is updated once a month. The current information is free, but the long-term statistical data is for sale. The index authors have stated that it may be valuable when accepting various strategic decisions. TIOBE focuses on Turing complete languages, so it does not provide information about the popularity of, for instance, HTML.

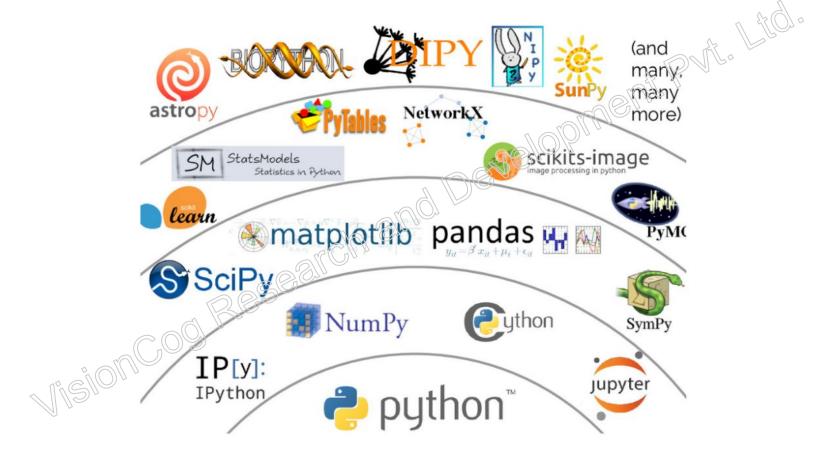
Maintainers specify that the TIOBE index is "not about the *best* programming language or the language in which *most lines of code* have been written",<sup>[4]</sup> but do



## **TIOBE Index for September 2019**

Sep 202	19 Sep 2018	Change	Programming Language	Ratings	Change
1	1		Java	16.661%	-0.78%
2	2		c	15.205%	-0.24%
3	3		Python	9.874%	+2.22%
4	4		(C++ (D))	5.635%	-1.76%
5	6	·	C#	3.399%	+0.10%
6	5	Res	Visual Basic .NET	3.291%	-2.02%
7	8		JavaScript	2.128%	-0.00%
8		^	SQL	1.944%	-0.12%
9	7	•	PHP	1.863%	-0.91%
10	10		Objective-C	1.840%	+0.33%

























•••