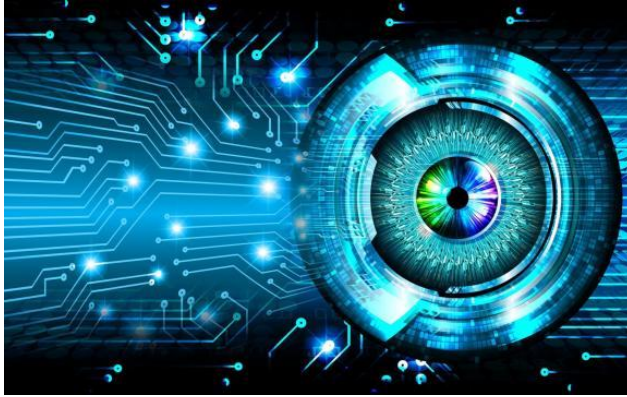


# Course Description

# Topics Covered



Computer Vision



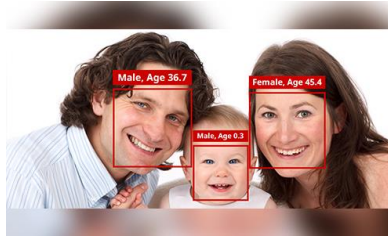
Using Deep Learning

# Projects

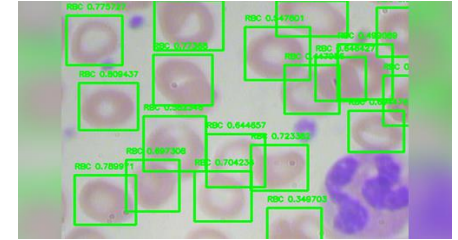
## Emergency vs Non-Emergency Vehicles



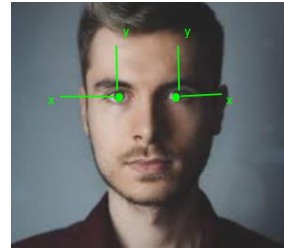
## Age Prediction



## RBC detection



## Gender Classification

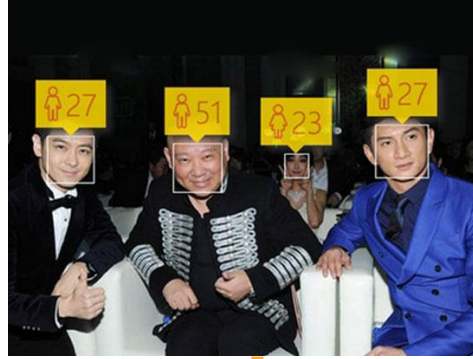


## Facial Keypoint Detection



## Face detection

# Capstone



**Classification:**  
Male/Female

**Regression:** Age

**Detection:** Position  
of face in the image

# Approach of the Course

## Top Down Approach

Learning By Doing

Project Focused

# Tools and hardware



**Keras**



**Cloud Platform / GPU**

# What you could potentially do after the course?

- Build an algorithm for real time face detection systems
- Solve your own computer vision problems
- Get the courage to follow through cutting edge research



# About the Instructors

## Neeraj Singh Sarwan

- Data Scientist at Analytics Vidhya
- Extensive Experience in converting Business Problems to Data Problems
- Experienced Corporate Trainer and an Avid Blogger
- IIT(B.H.U) Varanasi Graduate





# About the Instructors

## Faizan Shaikh

- Data Scientist at Analytics Vidhya
- Computer Science Graduate
- Deep Learning Practitioner
- An Avid blogger of Deep Learning, Computer Vision and Audio Processing
- Loves to simplify complex topics and build intuition around it



Thank you!