O.P. Jindal Global University
A Private University Promoting Public Service

Celebrating Ten Years of Excellence in Institution Building

JINDAL SCHOOL OF
BANKING & FINANCE
India's First Global Finance School

You are cordially invited to participate in the

Inaugural Lecture

of the

Jindal Empirical Analytics Lab (JEAL)

on

Image classification using deep learning in Python

by

Mr. Swapan
Senior Data Scientist
United Health Group (UHG)

Abstract:

Face recognition is a task that humans seem to perform almost effortlessly. Today, computers are being trained to recognize pictures and make decisions. It's changing the way we use and interact with technology. We all know that Facebook prompts us with a name while tagging a photograph. Self-driving cars, face recognition on phones, Google's search by image, augmented reality, and Amazon's plan to use drones for order deliveries, all use face recognition to operate. Deep learning, a subfield of machine learning, is a popular technique that is used to recognize faces. In this talk, the speaker will apply this technique to classify images of dogs and cats, and explore the mainstream algorithm of deep learning: the Convolution Neural Network (CNN). Results show that deep learning does have an excellent feature learning ability, which does not require to extract features manually.

About the speaker:

Swapan is a Senior Data Scientist at the United Health Group (UHG) where he leads fraud analytics practice. His current areas of expertise are Machine learning, deep learning and Neuro linguistic programing. Prior to joining UHG he has worked in data science and analytics practices across organizations like AbsolutData, Genpact and RSG Media Pvt. Ltd. He has developed artificial intelligence and machine learning tools like chat bot, optical character recognition system, Viral post detection on social media, social influencer ranking system. Currently he is working on Oncology Fraud waste abuse and error detection using US healthcare claims. He holds a Master's degree in Mathematics from the Indian Institute of Technology, Delhi. Swapan is an avid blogger and is passionate about how Block chain, AI and ML can be integrated with Digital technologies to generate impact in healthcare industry.

Date: Monday, 22 October 2018
Time: 10:30 am – 11:30 am
Venue: Classroom No. 16
O.P. Jindal Global University, Sonipat-131001, Haryana

RSVP: Ms. Shalini Goel, sgoel@jgu.edu.in