



Omdena: Building AI for good, By the People, For the People

Rudradeb Mitra

Founder, Omdena

Abstract:

Omdena is a global platform where AI engineers & enthusiasts from diverse backgrounds collaborate to solve complex social problems. We are:

1. Creating opportunities for all: Online education has given access to knowledge to people even in remote parts of the world but not to opportunities.
2. Building AI for good: We believe the biggest value of AI is to solve social problems helping people at the bottom of the pyramid, but not much is done despite people talking about it.
3. Incentivizing collaboration rather than competition. And people learn a lot. What people say about Omdena.
4. Building Ethical AI: We believe involving a global community from different backgrounds will help us to build ethical AI solutions.

In 5 months since we started, over 350 AI enthusiasts and engineers from 54 countries participated in challenges like fighting hunger, sexual harassment, conflicts, PTSD, Gang violence working with organizations like UN Refugee Agency, UN World Food Program, Safecity, etc.

Biography:

Rudradeb Mitra started his career as an AI researcher in 2002 and worked with research labs (like IBM Research Lab, TZI), startups and banks (Winterthur, AXA) to build AI products. During that period he also published ten research papers on AI.

After graduating from the University of Cambridge, he entered the startup world and built six tech startups. One of his startups was an insurance tech Machine Learning startup which was collecting driving data and analyzing driving behavior to make risk estimations.

In the last two years, besides working on building AI products, he is also busy with sharing his knowledge and experiences. He is a mentor of Google Launchpad, MIT Enterprise, and Founders Institute, an Entrepreneur in Residence at WeWork Labs, and a senior AI advisor of EFMA. He has also been invited to speak in over 70 events from 27 countries.



He is an avid writer and wrote over 40 articles. Recently he also wrote his first book titled “Creating Value With Artificial Intelligence: Lessons learned from 10 years with building AI products”.

His current interest is to build AI products with Social Value. He sees that AI and ML have the ability to solve the fundamental problems of human society and improve existing services in banking, insurance, energy, healthcare.

Publication of speakers:

1. Mr Rudradeb Mitra, Speciation, contamination, ecological and human health risks assessment of heavy metals in soils dumped with municipal solid wastes, Chemosphere Available online 18 August 2020, 128013
2. Mr Rudradeb Mitra, Rhythm, Conduction and ST elevation with COVID-19: Myocarditis or Myocardial Infarction?, HeartRhythm Case Reports, Available online 12 August 2020, In Press, Journal Pre-proof What are Journal Pre-proof articles?
3. Mr Rudradeb Mitra, Single-Cell RNA Sequencing of Childhood Ependymoma Reveals Neoplastic Cell Subpopulations That Impact Molecular Classification and Etiology, cell reports, Volume 32, Issue 6, 11 August 2020, 108023
4. Mr Rudradeb Mitra, Antibacterial properties of *Scrophularia striata* Boiss. (Tashenehdari) extract on vase life improvement in “Stanza” and “Pink Elegance” gerbera cut flowers, Biocatalysis and Agricultural Biotechnology, Available online 6 August 2020, 10173

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