



# Fellowship 2025

*Final Showcase*

Digital Open Solutions (DOS) for Social Impact

Supported by  
Centre for Data Science and Social Impact (CDSSI)

# About the Fellowship

“ We are delighted to have supported and facilitated the creation of these Digital Open Solutions (DOS) by our Fellows. Each of these outputs has immense potential to drive meaningful change on the ground. We look forward to seeing these solutions drive social change, and inspire and influence the way the sector uses data and data science to amplify its impact. ”



Trisha Varma  
*Director, Global Knowledge Hub*

“ It is inspiring to witness the passion and purpose with which our Fellow teams have approached complex social issues. The digital open solutions developed by them exemplify how data science can be used to create meaningful artifacts that drive deeper impact. Through their solutions, our Fellows are also helping bridge the gap between data science and the social sector. The community built through this Fellowship will continue to contribute knowledge and best practices, making data and data science more accessible. ”



Swetha Prakash  
*Lead, Centre for Data Science and Social Impact*

## Meet Our Advisors



**Prof Anand Rao**  
Chair CDSSI Advisory,  
Distinguished Service  
Professor of Applied Data  
Science and AI at Carnegie  
Mellon University



**Soma S. Dhavala**  
Adjuct Faculty: IIIT  
Bangalore and IIT Jammu,  
Sectoral Expert, Agri & AI,  
CPMU, MoE, IIT Jammu



**Rajsekar Manokaran**  
AI Consultant, Ph.D in  
Computer Science  
(Princeton University, US)

# Centre for Data Science and Social Impact (CDSSI) Fellowship

The ISDM CDSSI Fellowship: Digital Open Solutions (DOS) for Social Impact addresses social sector needs through open-source solutions. Through this Fellowship, Fellow teams tackle specific social challenges by creating replicable, scalable data science-driven solutions.

These DOSs will be widely accessible to the general public, and most crucially to individuals, organisations, and other stakeholders within the larger development sector. The larger outcomes of the project are to make data science and data-driven decision-making a part of mainstream social sector conversations and strategy; to increase data science talent in the sector; and drive greater efficiency for Social Purpose Organisations (SPOs).

This Fellowship provides data science practitioners a platform to translate their innovative ideas into practical, useful artefacts for social good. All Fellow teams come with data science expertise, social sector exposure and an SPO partner. They address a specific social sector problem, and their solutions are crafted using open/public data or data shared by an SPO. This ensures that their solutions are rooted in practice and ground reality.

# Know the CDSSI Fellows



## YASHWIN IDDYA AND TEAM

Team members: Srinidhi Santosh, Sukanya Deepak, Sridhar Raman

Mentor: Bharath M. Palavalli

Email: [yashwin@fieldsofview.in](mailto:yashwin@fieldsofview.in)



### E-QLT: A social security simulation platform

E-QLT is a social security simulation platform that governments, CSOs, researchers, insurance providers, SHGs, and individuals can use to understand how vulnerable households are to social and climate risks. It fills a major ecosystem knowledge gap by showing how well existing social protection schemes work at the household level. CSOs, planners, and researchers can use it to evaluate existing interventions and design better interventions. The tool provides a “social protection score” for each household and helps test different intervention strategies. Currently available as a publicly accessible web app, with public API access and deployment options planned for future releases.



## ASHIM TULI AND TEAM

Team members: Praveen SN, Harikrishnan TP

Mentor: Dr. Gayathri Vasudevan

Email: [ashim.tuli@sambhavfoundation.org](mailto:ashim.tuli@sambhavfoundation.org)



### Kanak AI: Formalising gig economy

Kanak AI is a smart tool designed for gig economy workers that predicts a person’s potential income based on their background, skills, and location. It helps job seekers, career advisors, and HR professionals get realistic salary expectations. It fills a gap in personalised, data-based career guidance. By using AI, it bridges the divide between job seekers and employers. It’s currently a web app, with future plans for API integration across platforms and expansion into career counselling and job-matching services.



# Know the CDSSI Fellows



## AVINABA DUTTA AND TEAM

Team Members: Sudeb Suvana, Ayan Acharya,  
Prasenjit Chaudhuri, Sabyasachi Mukherjee

Mentor: Surajit Sikdar

Email: [avi.avinaba@pleqsus.org](mailto:avi.avinaba@pleqsus.org)



### PROJECT TRANSPARENT – QT Bharath

Project TRANSPARENT – QT Bharath uses AI to connect transgender and gender-diverse individuals with jobs, government schemes, training, and healthcare support. It addresses exclusion from jobs and services due to bias and lack of access. Community leaders can also use it to guide members. It now includes a social network to support engagement and uptake. The tool reduces barriers and builds inclusive access to resources. It is available as a web platform with continued improvements in AI and usability.



## P VIVEKANANDAN AND TEAM

Team members: Ms. Sangeetha, Nallagacchu  
Naga Ganesh, B. Sakthi Meena, S.G. Selvi,

Mentor: Dr. S. Varadarasan

Email: [vivekseva@gmail.com](mailto:vivekseva@gmail.com)



### SEVA Vetbot App

SEVA Vetbot App helps livestock owners find herbal treatments for common animal illnesses. It supports farmers in rural areas who lack access to affordable veterinary care. Users can ask questions in Tamil or English using text or voice. In few months it will be available in other different languages. The platform uses AI to suggest treatments from a growing database of traditional practices. Available through a chatbot, it's currently being tested with over 500 field workers. Plans are in place to reach 1 million users by 2030.

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# Know the CDSSI Fellows



## KARTIK SAWHNEY AND TEAM

Mentor: Prashant Ranjan Verma  
Email: [kartik@inclusivestem.org](mailto:kartik@inclusivestem.org)



### Nclude

Nclude is a digital platform for blind and low-vision users to explore careers, access government schemes, and find helpful tools. It fills a big gap in accessible career guidance by using real-life stories and AI-based suggestions. The platform runs on WhatsApp, IVR, and web interfaces. It benefits persons with disabilities (PwDs) by offering personalised support and connections to opportunities. Over 2,000 users have accessed it already. Future plans include language expansion and working with government partners.



## NILASHIS ROY AND TEAM

Mentor: Romita Ghosh  
Email: [team@revolutionaize.com](mailto:team@revolutionaize.com)



### MAAP (Malnutrition Assessment and Action Plan)

MAAP is a mobile app that uses AI to help detect child malnutrition at home. Parents, caregivers, and health workers can take a photo of a child to estimate height and spot early signs of malnutrition. It offers simple advice and links with government systems like Poshan Tracker 2.0. The app makes child growth tracking cheaper and easier, especially in remote areas. It's being piloted now and aims to reach 1 million children by 2030.

# Looking Ahead

The Digital Open Solutions developed through this Fellowship show what is possible when purpose-driven individuals leverage data, data science, and technology for social challenges. These tools and ideas are the beginning of ongoing work that will continue to grow, adapt, and reach more communities in the years to come.

The ISDM Fellowship will keep fostering the growing need for collaborative, open, and data-driven solutions in the social sector.

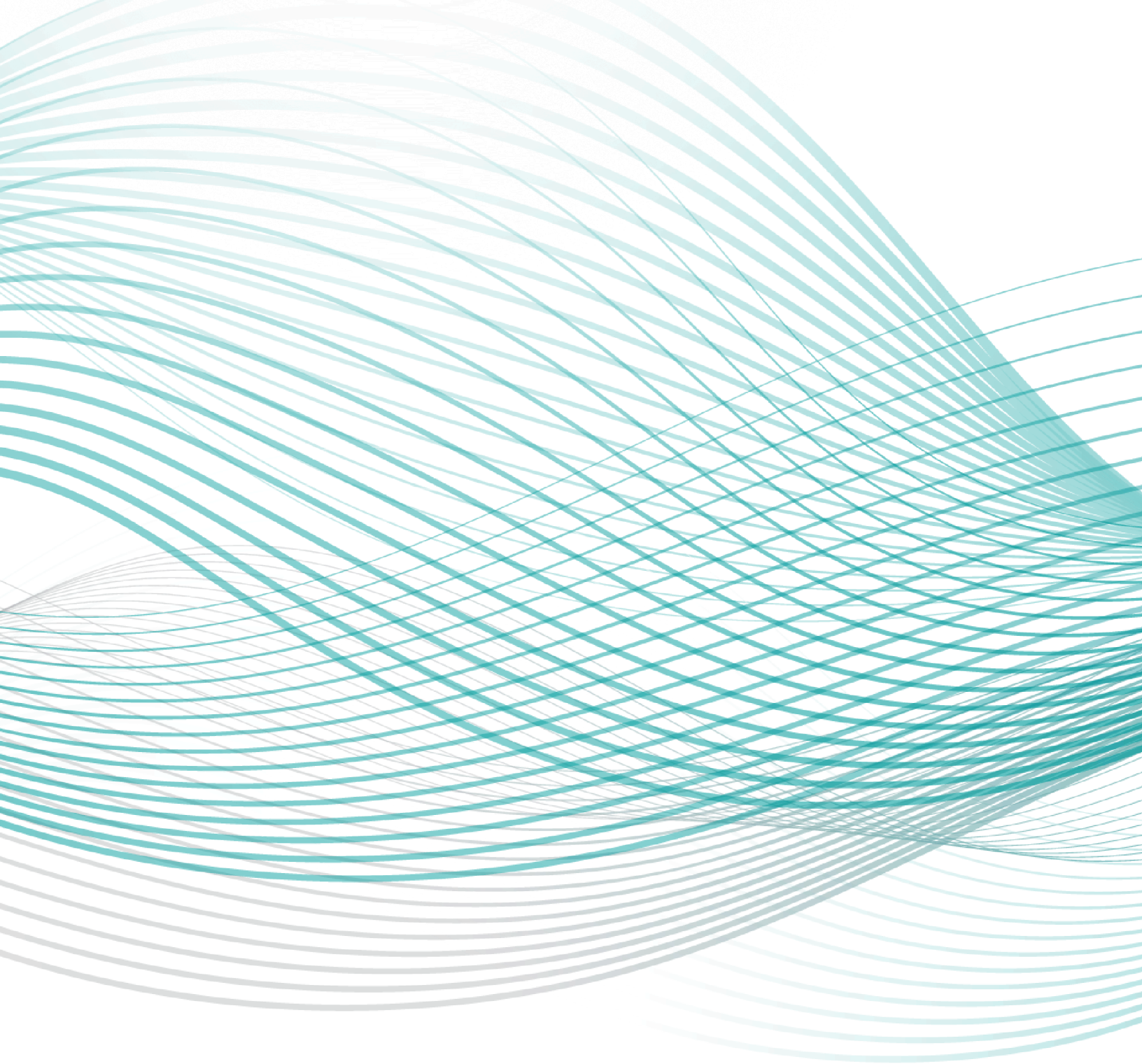
## ABOUT ISDM FELLOWSHIP

The ISDM Fellowship is a 9-month program that supports individuals and teams working to create practical solutions or develop new knowledge for the social sector. Fellows can choose between different themes such as Philanthropy, Innovative Finance, and Data Science.

All outputs – including research artefacts, digital tools, and open-source solutions – are made freely available to benefit individuals, organisations, and the wider development ecosystem.

*Learn more about the Fellowship*





C 20/5-6, Sector 62,  
Opposite JSS Academy of Technical Education,  
Noida, Uttar Pradesh 201301