

Wrangling, visualization and exploration of public health and allied data including glimpses of geo-spatial techniques

1st - 5th September, 2025

Venue:- Indian Institute of Public Health Bhubaneswar

An Institute of Public Health Foundation of India

267/3408, Mayfair Road, Jaydev Vihar, Bhubaneswar-751013, Odisha

Application form: <https://forms.gle/ZpS4tQkP2KZQs9af7>



About the Workshop

Data is becoming the most important element in modern life decision-making, at individual, aggregate or institutional level; and it is not only restricted to one particular domain but encompasses almost every field of life, profession and industry. But challenges lie in extracting, preparing, exploring and analysing the data and drawing impactful inferences from that. Modern data comes from various sources and in different shapes and forms. Wrangling them into meaningful structures so that they shape up to answer various questions, in the field of research or practice in a multitude of disciplines, is a skill that is much in demand currently. Therefore, this course will try to build capacities of interested participants in this direction. At the end of this workshop, participants should be able to understand multiple types of data structure, their respective uses and how to wrangle, visualize and explore them. There will be a cursory glimpse into the world of geospatial data analysis techniques as well for the participants to “take home” some of these skills as well.

□ Contents

- ⇒ Different types of public health and allied data
- ⇒ And their uses For answering different types of public health related research questions for epidemiologist or public health researchers
- ⇒ Monitoring of performance of health programmes using information system data for public health practitioners
- ⇒ Wrangling of data that include cleaning, coding, merging, appending, pivoting and aggregating data
- ⇒ Exploration of different types of data to set up research or monitoring/evaluation questions that can/should be answered using data
- ⇒ Glimpses of geospatial techniques in data analysis

□ Course Fee

- * ₹7000/- for self-sponsored candidates
- * For MPH students/research scholars without scholarships , 25% discounts will be given.
(The fee includes lunch, snacks and tea.)
- * **Note: We have limited seats available, admissions to be confirmed on a first come first serve basis.*

□ Who should attend

This workshop is suitable for development and health professionals, students, PhD scholars, and faculty members engaged in public health institutes, medical colleges, and other teaching and research institutions. Anybody having a passion for advanced data exploration and analysis will immensely benefit from this course.



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About the Trainer

Dr Ambarish Dutta is physician and public health expert (MPH and PhD from University of Exeter, UK) with more than two and a half decades of experience in different public health programmes, working with various UN organizations. His passion for analysing public health and epidemiological data has led him to the depth of many programme as well survey databases and led to emergence of many seminal articles from these engagements. He is currently a senior faculty at IIPH Bhubaneswar

How to apply

To register, interested participants should:

- ◆ [Apply Online](#) and submit an online registration form.
- ◆ **Application form:** <https://forms.gle/ZpS4tQkP2KZQs9af7>
- ◆ Submit the fee via e-transfer (bank details will be shared upon confirmation of your application).

Contact details

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