

#### SOCIAL IMPACT THROUGH DATA

### HEALTH PROJECTS 2024





# **About Us**

# Our mission is to empower stakeholders to make data-driven decisions

Founded in 2012, Outline India is a research organization pioneering the use of data for social impact.

We consider ourselves catalysts for the work of Think Tanks, Policymakers, CSR agents, Philanthropists and the Government, by working at the confluence of intellectual capital, technology and voices from the grassroots.

10**YEARS** 

**EVALUATIONS** 

27 & **STATES** 

> 65K VILLAGES

**50M** 

LIVES TOUCHED



250+

UNION **TERRITORIES** 





# WHAT SETS US APART?



**TECHNOLOGY AS AN ENABLER** 

- We predicted industry trends
- Integrated technology into our operations early on
- With our tech product, we were ready to cater to the critical need for remote data collection in the post COVID scenario



#### **COST OPTIMIZATION**

- Leverage network of field teams across the country
- A unique cost advantage of **deploying local teams**
- **Operational costs < 10%,** significantly lower than competitors'



- from **consultancy** to •
- research and analysis (econometrics and statistical) to •
- on-ground data collection (surveys, primary research)



- We can help with compliance fulfilment
- Use our services to track impact and report success •



#### DATA AS A CORPORATE ASSET

The data we collect can be **recycled** to serve commercial purposes for impact businesses.



### **ONE-STOP SOLUTION**

Use our services at different stages of **project life cycle** 

#### **MEETING COMPLIANCE REQUIREMENTS**

#### **Impact assessment is now mandatory** for projects > INR 1 cr

# **CLIENTS & FUNDERS**









Foundations and philanthropists













Penn

2

OXFAM



MetLife

Foundation

the David &

FOUNDATION



Not-for-profits and think tanks



Corporate social responsibility



Academic institutes and researchers

**Try Pitch** 















Goverment Of India

















# Our Engagement



Completed over 200+ evaluations.

Enabling better decisions, policies and impact



# SERVICES

#### **PRE IMPLEMENTATION**

**NEEDS ASSESSMENT** 

**FEASIBILITY STUDY** 

**BASELINE ASSESSMENT** 

#### **DURING IMPLEMENTATION**

**MONITORING & EVALUATION** 

MIDLINE ASSESSMENT

**TRACKING VIA DASHBOARD** 

#### **POST IMPLEMENTATION**

**IMPACT ASSESSMENT** 

**END-OF-PROJECT REPORT** 

**RECOMMENDATIONS FOR REPLICABILITY & SCALABILITY** 

# **HOW WE DO IT**

Telling the stories behind numbers

Network of field investigators across the country supported by experienced multi-sectoral research staff





Study design

Create statistically rigorous study designs using quantitative, qualitative, traditional and non traditional study instruments

Your eyes & ears on the ground

Helping you quantify your impact!

Build metrics and identify indicators to measure impact, enhance accountability and enable course correction



# 

Quick on ground assessments (Dipsticks)







Remote data collection

# WHAT WE DO



Surveys: Qualitative and Quantitative



Actionable insights from the ground



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Indicator identification



Monitoring frameworks



Quantifying and measuring impact



# Our Global Projects





# TESTIMONIAL



Outline India's work in the space of data collection and management by leveraging technological research tools such as Pulse especially in the time of a pandemic, aligns with the primary objectives of Digital India and our mission of becoming a country which can show the world how to enrich lives at the very grassroots using technology. It also empowers Prime Minister Narendra Modi's vision of an Atmanirbhar Bharat or self-reliant India.

Hindol Sengupta Chief Economic Research Officer, Invest India, Ministry of Commerce and Industry, Government of India



# ACCOLADES





Try Pitch



















Networks and Global Health: **Experimental Evidence of Women's** Social Networks, Reproductive Health and well-being in Developing Countries



**Impact Evaluation** 

Location Uttar Pradesh



The World Bank, Boston University and Jamia Millia Islamia University Agency



The World Bank, Boston University and Jamia Millia Islamia University



Ongoing





**Global Development Policy Center** 



#### **Project Details**

#### Objective

The present study aims to understand some of the issues that women face concerning marriage, relationships in the household, health, and well-being.

#### **Project Description**

The study aims to interact with 900 pairs of **Mothers**in-Law and Daughters-in-Law who are co-residing across 60-80 villages of the Jaunpur district of Uttar **Pradesh** 

The study aimed to:

- Understand the state of women's well-being in the areas of health, education, marriage, household roles and responsibilities, and relationships with children and other household members.
- Inform the government on how to **improve the** delivery of public goods and services in the community for women.
- Examine the household-level change in health, demographic, and socioeconomic condition over time.
- Assess how the **position of women** within households has changed during the COVID-19 pandemic.

The Impact of using AI-based solutions on TB diagnosis care cascade in India

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#### **Project Details**

#### Objective

Outline India partnered with the Indian School of Business (ISB) to conduct surveys with **Informal Provides** across **Gujarat** and **Jharkhand**.

#### **Project Description**

The study sought to **understand the attitudes**, **knowledge**, **awareness and usage of artificial intelligence in Tuberculosis diagnosis**.

#### The survey focused on the following:

- Attitude and Knowledge towards the use of AI for TB diagnosis.
- Awareness of how AI is helping to make TB diagnosis quicker and more efficient
- The level of usage of AI (if any) by these IPs for diagnosing TB in their patients
- Capacity for using AI methods for diagnosing TB



# Improve the Quality of Services in the Private Healthcare Sector





#### **Project Details**

#### Objective

Outline India partnered with Ariadne Labs for developing the learning agenda of Manyata Program.

#### **Project Description**

Outline India partnered with Ariadne Labs, a joint centre for health systems innovation at the **Brigham and Women's Hospital (BWH) and Harvard T.H. Chan School of Public Health (HSPH)**, to develop and contribute towards a **learning agenda for the Manyata Program** which aimed to improve the quality of services in the private healthcare sector.



## Mental Health and Employee Productivity

**Telephonic Interviews** 

**Qualitative Research** 



Location Udaipur, Jamshedpur, Hubli, Bhopal, Vadodara and Surat





Center for Disease Dynamics, Economics and Policy (CDDEP)



nt Center for Disease Dynamics, Economics and Policy (CDDEP)



**Try Pitch** 

Status







#### **Project Details**

#### Objective

Outline India partnered with CDDEP (Center for Disease Dynamics, Economics and Policy) to conduct a study on Mental health and Employee Productivity.

#### **Project Description**

Outline India partnered with CDDEP (Center for Disease Dynamics, Economics and Policy) to conduct surveys with call center employees and supervisors to understand their **perception of mental health**, **pollution and Covid 19 pandemic and the impact of these parameters on their productivity.** 

The surveys were conducted with around **1,800 respondents** telephonically in over **6 cities.** Outline India was responsible for pretesting of tools, data collection and cleaning and distribution of incentives to the respondents.



## Public Health Study at the Community-level on Long COVID

Quantitative Research

Bio-physical medical testing







Lancet Covid-19 Commission



Lancet Covid-19 Commission



Completed



Try Pitch



#### **Project Details**

#### Objective

Outline India had been contracted by the Lancet COVID 19 Commission to assess the prevalence of Post COVID Syndrome in India.

#### **Project Description**

This primary research study aimed to **identify longterm health consequences** experienced by survivors of COVID-19 as well as explore the **effect of 'long COVID' on mental health,** so as to create an openaccess database that can support public health measures and policy guided actions for easy rehabilitation of patients. This exercise was supported by the **UN Sustainable Development Solutions Network.** 



## Impact of COVID-19 Pandemic on Vulnerable Communities







#### **Project Details**

#### Objective

Outline India was Oxfam India's partner to study the **impact of the pandemic** on vulnerable communities and their **access to healthcare.** 

#### **Project Description**

Outline India partnered with Oxfam India to study how the COVID-19 pandemic had impacted vulnerable communities across Andhra Pradesh, Maharashtra, Uttar Pradesh, Delhi, Kerala, Bihar and Odisha and explore their **access to preventive healthcare facilities and services.** The study enquired into the capacity of these groups to spend on healthcare and their ability to "socially distance".



## CREA's 'It's My Body' Project on Gender

Process Documentation

**Qualitative Research** 



Location Uttar Pradesh and Jharkhand



**Funding** Creating Resources for

Agency Empowerment in Action (CREA)



Creating Resources for Empowerment in Action (CREA)

Status

Completed





#### **Project Details**

#### Objective

Outline India partnered with CREA to study the implementation process of the Action Project in Uttar Pradesh and Jharkhand.

#### **Project Description**

CREA implemented a **process documentation of the 'Action Project'** in Uttar Pradesh and Jharkhand. As CREA's survey partner, Outline India visited 5 partner organizations across UP and Jharkhand to understand the implementation process and interview young women.

The aim was to understand the conversations these young girls have about the issues in the community and how they strategize to address the issues. Process documentation involved interactions with girls trained under the program, trainers as well as other relevant staff of the partner organizations. This was a **qualitative exercise** aimed to develop a comprehensive report with case studies.



## Epidemiological Study over Non-Communicable Diseases on Bihar's Rural Health Systems

Standardised Patient Tool

Mixed-Method Research



Location Bihar



FundingHEFCE Global ResearchAgencyChallenges Fund



Try Pitch

University of Oxford

Status







#### **Project Details**

#### Objective

The study aimed to describe the epidemiology of noncommunicable diseases and selected associated risk factors in a representative sample of individuals using household surveys in a Bihar

#### **Project Description**

Outline India was deputed by the University of Oxford to conduct an **epidemiological assessment** of noncommunicable diseases and selected associated risk factors in a representative sample of individuals via household surveys. This study was done to get deeper clarity on understanding the **gaps** in the **rural health systems** in Bihar at the village, block, and district levels.



### Studying the Impact of Swachh Bharat Mission on Soil-Transmitted Helminth transmission and infections





#### **Project Details**

#### Objective

The study aimed to study the impact of the **Swachh Bharat Mission (SBM)** on the occurrence of Soil-Transmitted Helminth (STH) cases in India.

#### **Project Description**

Soil-Transmitted Helminth (STH) infections remain a significant global cause of morbidity, with a large proportion of the burden of STH infections befalling in India. In addition to the direct health impacts of these infections, including **anaemia and nutritional deficiencies** in children, these infections also significantly affect **lifelong growth due to setbacks in early childhood cognitive development** and future income earning potential.

Outline India supported the WHO in studying the impact of the **SBM** on the occurrence of STH cases in India. The outcome of the study was be to inform policies and programmes for eliminating STH through strategic interventions in programmes such as SBM.



## Integrated use of Digital Connectivity and Data to Improve Woman and Child Health

#### **Impact Evaluation**















**Status** 









#### **Project Details**

#### Objective

Outline India collaborated with the Indian School of Business (ISB) to evaluate the impact of Karma Healthcare Telemedicine Clinics on children, adolescents, women, and its healthcare nurses in Rajasthan and Haryana.

#### **Project Description**

As ISB's research partner for the study, Outline India undertook data collection with children, adolescents, and women, to gauge their knowledge on health **issues** such as malnutrition, anaemia, UTI/RTI/STI, highlighting the accessibility and availability of the services across the case and control villages. We also interviewed the nurses to deepen our understanding of the serviceability and impact of Karma Healthcare **Telemedicine Clinics.** 



## Impact Evaluation of a Public Health Insurance Plan in India

Multi Stratified Example

Large Scale Data Collection









Tata Centre for Development



University of Chicago

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#### **Project Details**

#### Objective

Outline India worked with University of Chicago, on the endline impact evaluation of the India Health Insurance Experiment in Karnataka.

#### **Project Description**

Our impact evaluation sought to examine the **benefits** and costs of expanding a social safety net by measuring the value of subsidizing health insurance premiums, calculate the demand for insurance for the purpose of means-testing premium subsidies, and compare benefits of health insurance to cash transfers, to provide recommendations to the government to assist them in their mission of providing health care access for all.

Outline India collected data on healthcare utilization, health status, consumption and financial behaviour through longitudinal surveys of 1**1,088 households across 2 districts, touching 14 Blocks and 424 villages** of Karnataka.



## Comparing Differences in Child Health Outcomes by Religious Affiliation





#### **Project Details**

#### Objective

We supported a World Bank initiative to establish and administer Public- Private Partnerships (PPPs) between the health departments of Uttar Pradesh and Karnataka and private health service providers.

#### **Project Description**

Informed by in-depth interviews in urban and rural Kerala, with low and high caste Hindu, Muslim, and Protestant households, as well as religious leaders, the study examined the **relationship between religion and the high rate of undernourishment among children**. It also sheds light on **women's autonomy** and their **control over household finances**, as well as their **preference for a male child**.

This contributed to findings of the rate of stunting and wasting in children, addressing the concern that economic growth cannot be sustained without accompanying improvements in the health sector of young children.



## Assessment of the Organ Donor Network across Public and Private medical institutions

Exploratory Research Case Studies					
Studying International Best Practices					
0	Location	Delhi-NCR			
	Funding Agency	Mohan Foundation			
E.S	Client	Organ India			
×,	Status	Completed			
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#### **Project Details**

#### Objective

A pioneering study in India exploring the existing practices of organ donation from the perspective of organ donors' motivations as well as institutional constraints in the organ donor industry.

#### **Project Description**

Outline India undertook extensive **secondary research into historical developments** in the organ transplant industry. In-depth interviews were conducted with transplant surgeons and coordinators associated with public and private hospitals including renowned specialists who have helped in setting up the Transplant of Human Organs Act in India. These findings were further probed through **statistical analyses** of responses, based on key metrics. Through the insights gathered, recommendations were made to address the problem of organ wastage in India.



## Evaluation of an Adolescent Sexual and Reproductive Health Program in Bihar





**Fry Pitch** 



#### **Project Details**

#### Objective

The plot of the Sashakt Program targets the SRH needs of unmarried and married Mahadalit adolescents (15-19 years old) in 6 blocks across 3 districts of Bihar.

#### **Project Description**

The evaluation sought to improve knowledge and attitudes towards **healthy timing and spacing of pregnancy, demand for contraceptive services for both married and unmarried adolescents, improve access to contraceptive and maternal health services** among married Mahadalit adolescents and strengthen government capacity to deliver and sustain **quality SRH services and behavior change programs for Mahadalit adolescents**. The program supported the government's rollout of the Rashtriya Kishor Swasthya Karyakram (RKSK) program by providing **technical assistance and program monitoring support** to block and district officials.



## Establishment of PPP cell for the Health Ministries of Uttar Pradesh & Karnataka





#### **Project Details**

#### Objective

We supported a World Bank initiative to establish and administer Public- Private Partnerships (PPPs) between the health departments of Uttar Pradesh and Karnataka and private health service providers.

#### **Project Description**

Outline India undertook a mixed-methods study comprising of surveys and extensive in-depth interviews with ministry officials, hospital staff and health service beneficiaries. Our multiple stakeholders contributed to the establishment of a cell that facilitated private parties to **collaborate with the government** and set up **monitoring mechanisms** for the effective management of public-private partnerships. We also ensured due diligence in the establishment of the cells, conducting research into the necessary paperwork to operationalize the cell, investigating the gaps in infrastructure and best international practices.



## Social Marketing Experiment to conduct a Market Assessment for Development of Nutrition Enterprises







#### **Project Details**

#### Objective

Outline India supported a World Bank initiative on integrated nutrition intervention by assessing the demand-side constraints and opportunities for a fortified nutrition-focused product.

#### **Project Description**

Outline India conducted a social-marketing experiment with young women SHG members of JEEViKA, the state rural livelihood mission, across 30 villages of Jehanabad district, Bihar. This experiment sought to see how the **Behaviour Change Communication interventions influence the decision-making process** of respondents, in terms of **product affordability and product desirability**, for a fortified blended food product named "Wheatamix", distributed as part of an ICDS intervention. The experiment was followed by a Health and Nutrition household survey with the same respondents.



## Documentation of Application of Design Research to Examine Women's SRH and create prototypes for Potential Interventions

Human Centred Design

Agency

**Qualitative Research** 



Location Bihar







John Snow Inc.







Completed





#### **Project Details**

#### Objective

Outline India collaborated with John Snow Inc. to conduct design research to understand women's knowledge related to sexual and reproductive health.

#### **Project Description**

Outline India collaborated with John Snow Inc. for observing design research activities held in Samastipur, Bihar. This study was conducted to understand **women's knowledge** and **potential sources of knowledge acquisition** in relation to sexual and reproductive health. During this study, different design research methods were documented. In-depth interviews with design researchers were carried out pre and post data collection to understand the objectives and outcomes of the fieldwork being carried out.



## Impact Assessment of Training and Equipment Donation to Medical Facilities







#### **Project Details**

#### Objective

Outline India evaluated the safety of surgery and anesthesia in low resource settings by providing training to doctors, nurses, anesthesiologists and other OT staff on the WHO surgical safety checklist and pulse oximetry.

#### **Project Description**

Lifebox Foundation, an international NGO, aimed to understand the **effect of the training** provided to medical facilities, **determine the uptake of medical equipment** especially oximeters during and after surgery, recall value of training, use, usability and routinization of oximeters, and culture of safety and quality improvement among practitioners. For this study, Outline India visited a total of 38 hospitals and nursing homes, conducting in-depth interviews with 60 doctors, nurses, OT staff and anesthetists.



## Beyond Safety: Understanding Open Defecation Programs through a Feminist Evaluation Approach

Feminist Analysis

Secondary Research



Location India







Institute of Social Studies Trust



Completed





#### **Project Details**

#### Objective

Outline India conducted feminist analysis on the dominant discourse of women's safety being linked to OD in sanitation programming.

#### **Project Description**

Outline India published an article describing how women are targeted in the current policy and programmatic environment around OD, critically engage with existing evaluations of programs on OD, and explored how a **feminist evaluation approach** can be utilized for informing better programming and evaluations. The paper critically assessed the **policy** and programmatic environment around **Open Defecation Elimination (ODE)**, particularly with regards to women, while indicating limits of predominant evaluations and measurement strategies. It also focused on evaluations of ODE programming, qualitative studies, and OI's field experience in the space of **water and sanitation**.

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## Pilot study with Community Health Workers to Improve Vaccination Coverage

Information & Communication Technology Vaccination						
Fro	ntline Workers					
0	Location	Bihar				
	Funding Agency	Bill & Melinda Gates	Foundation			
T.S	Client	Indian Institute of Te	chnology, Delhi			
×	Status	Completed				
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#### **Project Details**

#### Objective

Outline India studied the technical feasibility of an Information and Communication Technology (ICT) platform designed for frontline healthcare workers to improve pace and coverage of vaccination in Bihar.

#### **Project Description**

As a research partner for IIT, we assessed the **technical feasibility** of an Information and Communication Technology (ICT) platform designed to **improve** Frontline Health Workers' (FHW) workflow and **collect primary data** on FHW time use, primary caregiver awareness, and ANMs' technical capabilities that will be used to implement a large-scale RCT to study the effects of pay-for-performance to FHWs, improved workflow management, and reminder calls to caregivers on the **timeliness of vaccination**.



### Baseline Assessment for an Eye Health project in Urban Slums of Uttar Pradesh

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<u>ا</u>	ocation	Uttar Pradesh	
	unding gency	Sightsavers	
C C	lient	Sightsavers	
الله من الم	tatus	Completed	





#### Project Details

#### Objective

The study aimed at alleviating the challenges of avoidable blindness among indigent people especially the vulnerable women and children living in the urban slum areas of Uttar Pradesh.

#### **Project Description**

Sightsavers India, as part of its "Urban Eye Health Project" initiative in Uttar Pradesh, **supported a baseline situation assessment** for an Urban Eye Health Project in the slums of Kanpur and Prayagraj. Outline India conducted research to explore and understand the **eye health status from the perspective of accessibility, availability and affordability** and prevalence of avoidable blindness.



# **Expert Panel in Health**



Experience: 10+ years

### Former director, Global Health Strategies | INLAKS scholar - LLM Warwick University | Ph.D JNU

As an expert on public health and human rights, Sukriti has worked with the highest offices in India, including the **Honourable President** and **Prime Minister**. She specializes in HIV/AIDS, sexual reproductive health, cervical cancer prevention, and maternal and child health. Sukriti has worked closely with state governments and CSOs in responding to the issue of trafficking in UP, Bihar, Rajasthan, and Odisha.



Try Pitch

**Global Health Strategies** 



Congress | Le

Richa has worked across healthcare, CSR- Sustainability, Consulting, and Social entrepreneurship domains with many Corporates, NGOs, and UN agencies. She leads the 'Social Sector' division's P&L under the 'Education Solutions' business practice at GE Healthcare in South Asia.





**Experience: 13+ years** 

#### Among '100 most impactful CSR leaders' , 2018- World CSR

#### **Congress | Lead, Development, GE Healthcare**





# Innovations

# Pulse

Pulse is a self-reporting tool that aims to simplify impact assessment.



**Conduct Internal** Monitoring



**Evaluate Progress** 



Make Activities Accountable



#### Validate Work







# **Product Overview**

Pulse comprises of pre-designed survey packages across the sectors of Education, Health, Water, Sanitation and Hygiene.

The platform will help gauge an organization's own impact and troubleshoot problem areas.

Enhance research capacity of NGOs & think tanks





13 Enable collection of Biter real time field data Completed Surveys 118 \*\*\* Encourage datadriven evaluations



# End-to-end digital solutions to **simplify impact measurements** and **automate social audits**





Survey Creation



Create a survey from scratch

**Question Bank** 

No coding required



## Data Collection

Collect data offline and in local languages

Android app web platform

Use on smartphone, tablet, and browser



Visualize data

Consolidated data into reports

Demonstrate impact quickly, effectively



#### Dashboard

Store all data from remote access Visually track and display metrics Monitor project status in real time



# Innovations

# **Use Of UAV: Mapping Infrastructure Towards Smart Villages**

Satellite maps are mostly unavailable or available in little detail across rural areas. UAVs can economize on resources, in terms of time & money by improving geo-spatial data and enabling evidence-based policy making.



Village orthomosaic with infrastructural plotting



Elevation profile around water-stagnant areas to devise village drainage plans



# Our Team



Founder

Research | Data Analysis







#### Sukanya Dutta

Associate Vice President

Research | Business Development | Client liaising







केन्द्रीय विद्यालय संगठन

#### Sukriti Sharma

Sr. Project Manager

Quantitative Research | Data Analysis I Report writing





Gokhale Institute of Politics and Economics

#### Swati Pandey

Associate Manager

#### Research | Report Writing | Data Analysis







#### Apratim Yadav

Sr. Quantitative Researcher

#### Research | Data Analysis





# Our Team

#### **Amana Raoof**

**Research Associate** 

#### Quantitative Research | Data Analysis





#### Aman Singh

Research Associate

Quantitative Research | Data Collection | Data Analysis





#### **Aarushi Bhargav**

**Research Associate** 

Quantitative Research | Data Analysis I Report Writing





#### Kunal Gupta

**Research Associate** 

#### Qualitative Research | Data collection























Forbes

FORTUNE



















BusinessLine



















"Thoroughly impressed....Prerna and her team worked tirelessly to conduct the research and complete the report in record time and with a very high quality standard".

Neeraj Jain

Ex - Chief Executive, WaterAid

# **Office Address**

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# Reach us at

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(in) Outline India

A self reporting tool that aims to simplify impact assessment

Visit: www.peoplepulse.tech

