INDIGO Hack-and-Learn Kick-off
23 August 2021 01:00PM BST

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INDIGO Hack-and-Learn Kick-off

Welcome!

Our facilitators

Mara Airoldi, GO Lab Director
Sandro Cabral, INSPER Metricis
Bindi Dharia, Centre for Social Impact and Philanthropy (Ashoka)
The session is being recorded.

Please post questions in the chat throughout.

1. Welcome and Co-host introduction (1:00-1:05)
2. Introduction to INDIGO and our Hack and Learn (1:05-1:15)
3. Challenge pitches (1:15-1:50)
5. Q&A (1:55-2:00)
INDIGO Hack-and-Learn Kick-off

Introduction to INDIGO

Ruairi Macdonald,
Research Associate

Juliana Outes,
Data Steward
INDIGO is a community of peers from different countries and policy domains with an interest in sharing data about projects that seek to address complex social problems.
INDIGO Hack-and-Learn Kick-off

Introduction to INDIGO
INDIGO Hack-and-Learn Kick-off

Introduction to INDIGO

GO Lab staff process spreadsheets, do research and enter data into the INDIGO database system.

1. Project parties can download and update spreadsheets then return them to GO Lab.
2. Visualisations on the GO Lab website are updated. A quarterly copy of the dataset is published as a CSV file with commentary.

Community
System
Data
INDIGO Hack-and-Learn Kick-off

Introduction to INDIGO

DATA SET
Impact Bond Dataset
Explore our interactive map to find out data on impact bonds around the world.

Last updated 20 Jul 2021

DATA SET
Wayfinder [Prototype]
Find the right impact evaluation for your project.

Last updated 08 Mar 2021

DATA SET
Social outcomes and SDGs [Prototype]
Examine the alignment between social outcomes and SDGs.

Last updated 25 Jun 2021

DATA SET
Outcomes Fund Directory
Explore outcomes funds around the world.
1. **Kick off sessions: 23 August 2021**

HACK HACK HACK -> use your Slack channels.

2. **Show and tell session: 9 September 2021**

Come and show your results and share your learnings. This is part of our Social Outcomes Conference!

3. **INDIGO Peer learning session: 4 November 2021**

Presentation of Technical and Learning Report. All invited to collaborate 😊
Some tips

• Choose one challenge as your primary challenge. Let the challenge leader know that you will be working with that team.

• Your challenge leader is your main point of help. Feel free to ask him or her any questions that you may have.

• You will get 10 minutes to show your results at the Show and Tell session. We don’t expect you to have a final solution for such complex problems, but just an idea of potential ways to address them. There will be expert practitioners and researchers giving feedback.

• While you are working, write down your ideas and opinions about the experience. We will collate all of them in a Technical and Learning report that we will present in November.
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Challenge pitches

- An impact bond pipeline/nursery (Go Lab + Levoca Impact Labs) - #hackteam12
- Aligning Outcomes to Sustainable Development Goals (INSPER and GO Lab) - #hackteam13
- Pilot projects and scale up version (GO Lab and INSPER) - #hackteam14
- What is next after impact bonds? (INSPER) - #hackteam15
- Corporate Social Responsibility (CSR) Data Synchronization exercise (CSIP) - #hackteam16
- Revisiting COVID Impact Data for Sectoral Analysis of the Impact of COVID-19 on NPOs in India (CSIP) - #hackteam17
#hackteam12
An impact bond pipeline
Why a project pipeline?

- Much of the learning takes place in the design phase
- Many more projects idea than launches – foster insights
- Facilitate networking in community with similar interest
- Reduce transaction costs
- Raise awareness of dynamic ecosystem "under the soil"
What did we do and learn?

Data mapping!

Learnings

1) Two key definitions are required to develop the pipeline:
   a) minimum requirements to be part of the pipeline dataset
   b) minimum requirements for a project to move out of the dataset (contracted projects to main IB dataset, others archived as e.g. ‘alternative funding’ or ‘unrealised’)

2) Stakeholders could think that this information is commercially sensitive – what information can be shared easily?

3) From our list of variables, only 5 of them will be a ‘must have’. The rest of them will be ‘nice to have, but not mandatory’.

4) There is a need to motivate stakeholders to send updates. Maybe producing a quarterly snapshot of the state of upcoming impact bonds will encourage them to share information?
Ways to move forward

• Consulting with key stakeholders on minimum requirements and 'must have' variables

• Pending work of data standardization (i.e. categories and formats)

• We’ll be working with data from upcoming projects and prepare data visualisation of an initial pipeline!
Hack and Learn challenge # 13
Social outcomes and Sustainable Development Goals
August 2021

@golaboxford
golab.ox.ac.uk
Sustainable Development Goals
Social Impact Bonds

Entry into accommodation and sustainment of tenancy for 12 months

Entry and sustainment of full time employment for 6 months

Improved attendance to classes
Our Sankey diagram

Let’s complete it!
Our SDG map: a prototype
Help us fill our SDG spreadsheet

How?

Linking social outcomes metrics with the SDG number that fits that metric.

We hope you can join us! 😊
Pilot projects & Scale-ups

Sometimes practitioners decide to run pilot projects on a smaller scale and test whether it's sturdy enough to be scaled up.

But...

How do you know when a project has the power to scale up and go bigger?
Pilot projects & Scale-ups
How do you know when a project has the power to scale up and go bigger?

• Learning from what works – and doesn’t work.
  • Engage in data usage to better understand how (and when) to scale up.

• Providing guidance for decision-making
  • SIBs are often criticized for being doomed to low-scale. Therefore, if so, how to scale-up?
Ways to go:

INDIGO Impact Bond Dataset (v2 Beta, available here).

Two main goals:
1. Comparing “pilots” to their “scale-ups”.
2. Comparing these “scaled” projects with other “unscaled” contracts.

What to look for? For example...
- Amount of investment
- Difference in the length of the projects
- Amount of service users (target population)
- Number of delivery locations (same cities, countries?)
- Investors involved (how many? the same?)
- Outcome payers and service providers
- Rate of success (outcomes achieved?)
Scaled up projects in INDIGO Data

Pilots & Scale-ups (INDIGO Data)

• West London Zone
• Teens and toddlers
• Prevista
• Pan London

Are there any others missing?
Looking forward to working together.

Thank you!

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http://www.gamma.ufba.br

https://cienciadedados.ep.wixsite.com/cdep
INDIGO
Hack and Learn Kick Off – 23rd August 2021
#4: What is next?
Exploring the OBCs Alphabet Soup
Exploring the OBCs Alphabet Soup

Outcomes Based Contracts

EIBs SIBs DIBs SLBS

...and WHAT IS NEW
Exploring the OBCs Alphabet Soup

How can we...

... differentiate OBCs to properly understand what is new?

... find and use available information to better understand this variety?
Targets/Tasks:
What makes an OBC a ...SIB ... or a DIB ...or a SLBs ...or a RBF... and what else?

• **Define** features of each type of OBCs!
• **Search** for news on OBCs. How the landscape evolved? What is new?
• **Learn** from data and **repeat** analyses
An important example of what is new: Sustainability-Linked Bonds (SLBs, or “green bonds”, or “ESG bond”…) 

Natura raised USD 1 billion in ESG bond

- step-down in coupon payment
- step-up in coupon payment

Source: https://www.greenfinancelac.org/resources/news/natura-raised-usd-1-billion-in-esg-bond-offering/
Possible outputs

**Decision diagram**
to aid the classification process

**Spreadsheet**
containing the contracts we find and classify along with the keywords and other features used in the classification process

**Tables or plots**
exposing our findings (e.g.: # of contracts by type, most used keywords, keyword precision)
Looking forward to working together.

Thank you!

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http://www.gamma.ufba.br
https://cienciadedados.ep.wixsite.com/cdep
CSR Data Synchronization Exercise

Challenge hosted by CSIP, Ashoka University
The Problem: Capability

The Centre for Social Impact and Philanthropy has collated CSR (Corporate Social Responsibility) data for the years 2014 till 2019.

However there is no centralized CSR database to refer for information. To remedy this, CSIP has collated information on various categories related to CSR across India such net profit, CSR Prescribed Expenditure, and CSR spent.

However, some of the collated information is lacking in details or maybe duplicated/erroneous in some fields. The dataset needs to be standardised and compacted, for further access and use.

We invite people with an eye for detail, Excel experience, and a penchant for organisation to take up this challenge.
Challenge Description

What we have: CSIP has collated CSR data across India. However, the database needs to be cleaned and standardised for further use and analyses.

What we could do: This challenge invites people seeking to learn the basics of data management and data analysis to bring about synchronicity among the datasets, basis a primary key (CIN), and collate all historical data into one database. Additionally, participants are expected to list the gaps and missing data points in the datasets and make suggestions on how to fill the gaps. Lastly, participants are encouraged to perform preliminary analysis over the completely synchronised dataset and present their analysis in a short presentation. The analysis can be in the form of basic descriptive tables or visualization or report.

Also, should you have any questions or choose to modify the challenge basis the team’s expertise, please reach out to the challenge coordinator Dr. Shaivya Verma at shaivya.verma@ashoka.edu.in
Datasets download link

Please refer to the link below for the dataset:

https://drive.google.com/drive/u/1/folders/1RzpqRLEZd13w4DXN7Y_0Tp9BvvV5bxMn

The team working on this dataset is requested to download and re-upload a GSheet document for working purposes.
Slack Channel Details

Channel Name: #hackteam16-csr-data-synchronization

Coordinator: Shaivya Verma
Thank you!
Revisiting Data for Sectoral Analysis of the Impact of COVID-19 on NPOs

Challenge hosted by CSIP, Ashoka University
Nonprofit Organisations have been at the forefront of India’s response to COVID-19 and resultant socio-economic issues.

As part of its research mandate, CSIP conducted a study on the impact of COVID-19 on the operations of Indian Nonprofit Organisations (NPOs).

What we have: Data collected as part of the research provides information on the various ways in which COVID-19 has impacted the multiple aspects of the operations of nonprofits in India, including impact on regular programmes; recovery; challenges faced; engagement with funders; and modes of operations.

Though we have data for sectors in which sample NPOs are working, our analysis largely focused on generalised findings for NPOs.
**Challenge Description:** Role of sector in determining the impact for NPOs.

**What you could do:** We invite people with a passion for data, experience in basic Excel, and a penchant for impact analysis to take up this challenge.

This challenge invites people to do a sectoral analysis of the impact of COVID-19 using the data available. Participants are expected to identify and present the sectoral differential in the ways NPOs have been impacted by COVID-19 in India.

Additionally, point out data gaps and inconsistencies, if any.

Analysis can be a report/ presentation/ visualisation.
Dataset download link

Please refer to the link below for the dataset:

https://docs.google.com/spreadsheets/d/1DiX0uJkBSdxMRV06C27gUnq3wCoF9t_t/edit#gid=1266443322

The team working on this dataset is requested to download and re-upload a GSheet document for working purposes.
Slack Channel Details

Channel Name - #hackteam17-impact-of-covid19-on-npos-india

Coordinator - Dr. Neha Nimble
Thank you.
Looking forward to working with you!!!
Challenge # 18: Using Financial Innovation to Realign Incentives towards Public Good Medicine

August 2021

crowdfundedcures.org

Savva Kerdemelidis, LLM, BSc(Hons)
Medical Prize Charitable Trust (NZ)
The Problem: potentially life-saving treatments are being ignored due to misaligned financial incentives under patent system.

The Challenge:

- Today, it takes an average of **10-12 years** and **$2 Billion** for pharmaceutical companies to develop a new drug.

- **Drug repurposing** has become a mainstream strategy for faster drug development. COVID has accelerated this trend with ~1000 repurposed drugs being explored as therapeutics.

- But the pharmaceutical industry will never fund large Phase II/III Randomized Controlled Trials for such **unmonopolisable therapies without being able to enforce a monopoly price using patents**.

- Public or philanthropic funding rarely available for large RCTs due to the expense and risk of clinical trial failure.

As a result, safe, affordable, and effective treatments for diseases are being ignored at the expense of patients and healthcare payers.
Non-profitable and Unmonopolisable Therapies comprise the largest set of potentially effective and affordable treatments available.

Non-profitable and Unmonopolisable Therapies (Blue) comprise a much larger set of effective and affordable treatments (e.g. 90% of drugs prescribed are generic) but lack private incentives to conduct larger clinical trials, despite the potential to save billions in healthcare costs.

Patentable drugs are a smaller subset of viable treatments. Healthcare Payers (govts/health insurers) are charged billions in monopoly prices for therapies that may be less effective and unaffordable.

Examples of Unmonopolisable Therapies without financial incentives

• Off-patent Low-dose-naltrexone (LDN) to treat Crohn’s disease (https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6494424/)
• Anti-MAP therapy (combination of generic antibiotics) to treat Crohn’s disease (https://www.sciencedirect.com/science/article/abs/pii/S1590865802800561)
• Off-patent Dichloroacetate (DCA) for treatment of brain and colon cancer (https://pubmed.ncbi.nlm.nih.gov/21557214/)
• IV synthetic vitamin D (Paracalcitol) for treatment of pancreatic cancer (https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6049054/)
• S-adenosylmethionine (SAMe) supplement for treating depression (https://annals-general-psychiatry.biomedcentral.com/articles/10.1186/s12991-020-00298-z)
The Solution: Social Impact Bond (SIB) Mechanism – Pay for Success

1. Private investors invest money in the social impact bond, with a view to secure a financial return in the long term.

2. Researcher draws money from the social impact bond to fund ten clinical trials for repurposed drugs in diseases. We will target diseases that cost the NHS a lot to manage.

3. Successful trials lead to off-label prescription of the drug within the NHS. This saves the NHS money, and improves patient health.

4. The NHS pay a proportion of their savings back into the social impact bond.

5. This money is used to repay the investors, and generate a return on their investment.

6. Any excess funds are reinvested in further clinical trials for diseases.

INDIGO Hack-and-Learn Kick-off

How to find your hackteam: first, join our Slack workspace
INDIGO Hack-and-Learn Kick-off

Look for the + sign on your left. Select 'browse channels' and pick your team
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4. Hack teams, Slack sign-ups, and Support

- An impact bond pipeline/nursery (Go Lab + Levoca Impact Labs) - # hackteam12-pipeline
- Aligning Outcomes to SDGs (INSPER and GO Lab) - # hackteam13-sdgs-and-social-outcomes-metrics
- Pilot projects and scale up versions (GO Lab and INSPER) - # hackteam14-pilot-projects-scaling-up
- What is next after impact bonds? (INSPER) - # hackteam15-what-next-after-impact-bonds
- CSR Data Synchronization exercise (CSIP) - # hackteam16-csr-data-synchronization
- Revisiting COVID Impact Data for Sectoral Analysis of the Impact of COVID-19 on NPOs in India (CSIP) - # hackteam17-impact-of-covid19-on-npos-india
- Analysing medical SIBs - # hackteam18-medical-sibs
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4. Hack teams, Slack sign-ups, and Support

Need help with your data?

# hack-technical-help

Want to chat with other participants?

# networking-lounge
Any questions?
Social Outcomes Conference 2021

9-10th September
Online & at Blavatnik School of Government
golab.bsg.ox.ac.uk/soc21

Annual convening of the world’s leading scholars, policymakers and practitioners working to improve social outcomes

16 sessions covering five core themes:
- Outcomes-based contracting
- Social value and procurement
- Government, business and civil society collaboration in places
- Measuring outcomes and social value
- Outcomes orientation

Keynote address by
Nobel Prize Laureate Joseph Stiglitz