



DATA SCIENCE FOR SOCIAL GOOD
PORTUGAL

DSSG PT Presentation Event

Lisbon
19th June 2019

Agenda

18:30: 🤝 Meet & Greet

18:40: 🎤 Presentation of Data Science for Social Good Portugal

19:00: 🍺 Photo, Drinks & Networking

19:15: 🎤 Presentation of our first social good project with Rotaract Santo Tirso

19:35: 🎤 Presentation of our new project to be developed by volunteers

Thank you !



Data Science for Social Good Portugal

Data Science for Social Good Portugal is an open community of data scientists, data lovers and data enthusiasts that want to tackle problems that really matter. We believe in the power of data to transform our society for the better, for everyone.

Our goal is to connect people who have data skills with institutions that work on projects with social impact, such as charities, public administration and non-profits. Together, we help them collect and transform data into actionable knowledge to ultimately increase their impact. Our mission is to improve the future of society with today's data.

Mission and Values

We exist to leverage the power of data towards social good initiatives.



- Commitment
- Social Impact
- Data Drive
- Transparency
- Inclusiveness

DSSG Structure



Lead Team

In charge of:

- Communication
- Volunteers
- Beneficiaries
- Partners and Sponsors
- Project Managers
- Technical Leads



Volunteers

Data Enthusiasts and Social Good players that will transform social good challenges into viable and actionable products for the beneficiaries



Sponsors

Companies and institutions that will help us overcome our technological challenges and value data-driven initiatives



Beneficiaries

Non-profit organizations or companies, public or private, that will challenge us with real life social problems that can be tackled with data



Lead Team



Lead Team



Daniel Rodrigues



Inês Pereira



Tiago Freitas



Hugo Esteves



Inês Vigário



Bernardo Caldas



Dierê Fernandez



Miguel José Monteiro



Ana Ferreira



Lénia Mestrinho



Leid Zejnilovic



Lead Team

Communication	<ul style="list-style-type: none">• Manages social media• Manages communication strategy• Creates graphical content
Beneficiaries	<ul style="list-style-type: none">• Meets with beneficiaries and manages relationship• Defines the scope of the projects• Gathers more beneficiaries and projects
Volunteers	<ul style="list-style-type: none">• Oversee volunteer selection process• Manages volunteer relationship• Organizes events for volunteers
Sponsors and Partners	<ul style="list-style-type: none">• Guarantees financial stability of DSSG PT• Manages relationship with partners
Project Managers / Tech Leads	<ul style="list-style-type: none">• Project Managers: manage roadmap, deadlines and project lifecycle, report to Beneficiaries Team• Technical Leads: lead the project teams and oversee technical viability of the project, report to Volunteers Team



Beneficiaries



Beneficiaries

Beneficiaries are institutions that work on projects with **social impact**, such as **charities**, **public administration** and **non-profits**.

These institutions are expected to have:

- Collected **data** or potential to do so
- **Availability** to collaborate in a project
- Willingness to have an **awesome data tool**



Social Good Use Cases

“Using Data to Create Paths out of Homelessness” - Wales, April 2018

- Analyzed demographics of homeless population using data from a organization
- Identified risk factors for homelessness
- Defined a plan to improve the organization's strategy

“Expanding and implementing the Early Intervention System” - US, July 2015

- Analyzed risk factors for police officer violence and misconduct
- Build prototype model that predicted best officer to dispatch for certain event
- Built pipeline to ingest data and serve output

DataKind





Social Good Brasil Cases

“Building an analytical mindset for social environmental impact” - Brazil, Dec 2018

- Organized a database about the 54 public policies they influenced to be approved between 2014-2018
- Identified that their activities contributed to the expansion and creation of 13,1 million hectares in environmental conservation units
- Design of a dashboard to track public policies their mobilizations are working on



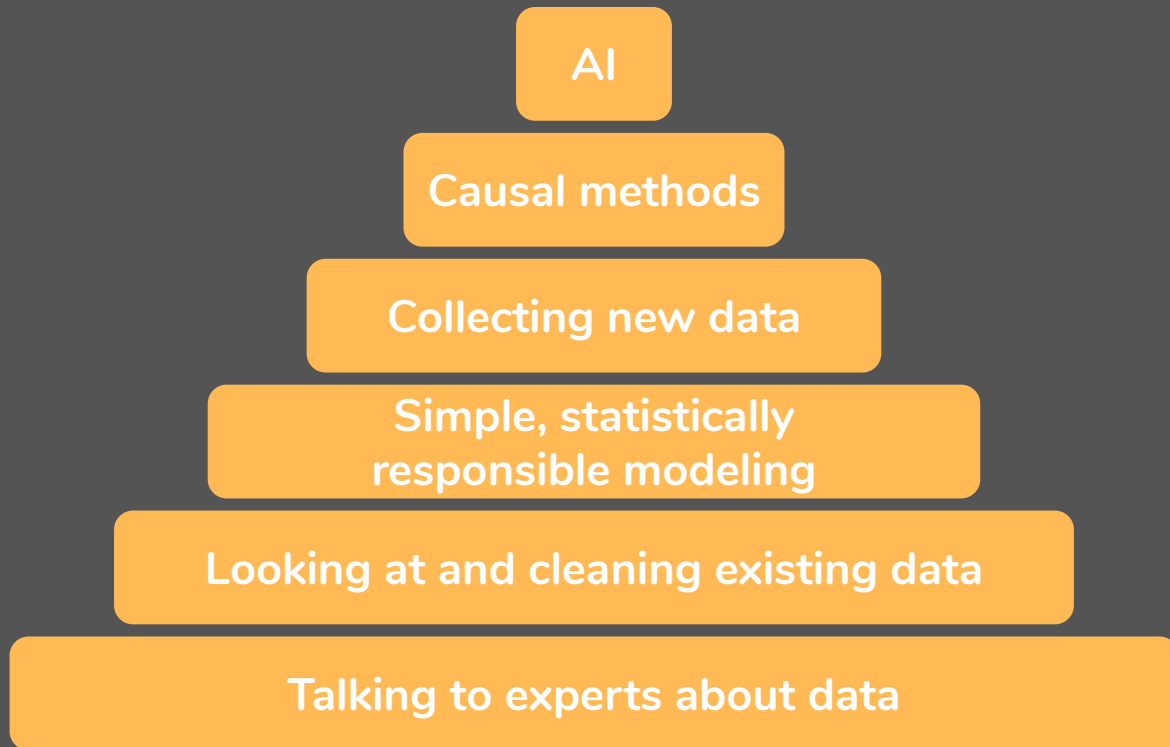
“The impact of social vulnerability on school dropout and learning lacks” - Brazil, April 2019

- Analyzed risk factors for school dropout integrating public databases about social assistance and education
- Built a KPI to indicate the regional social vulnerability level and influence public agents to change public policies
- Developed a platform to help schools and youth council to identify students in high school dropout risk





The hierarchy of non-profit data needs





Sponsors and Partners



Sponsors and Partners

Organizations who want to **contribute** directly, either financially or otherwise, to our cause and our projects and are **aligned with our mission and values**.

Data Science For Social Good

Summer Fellowship

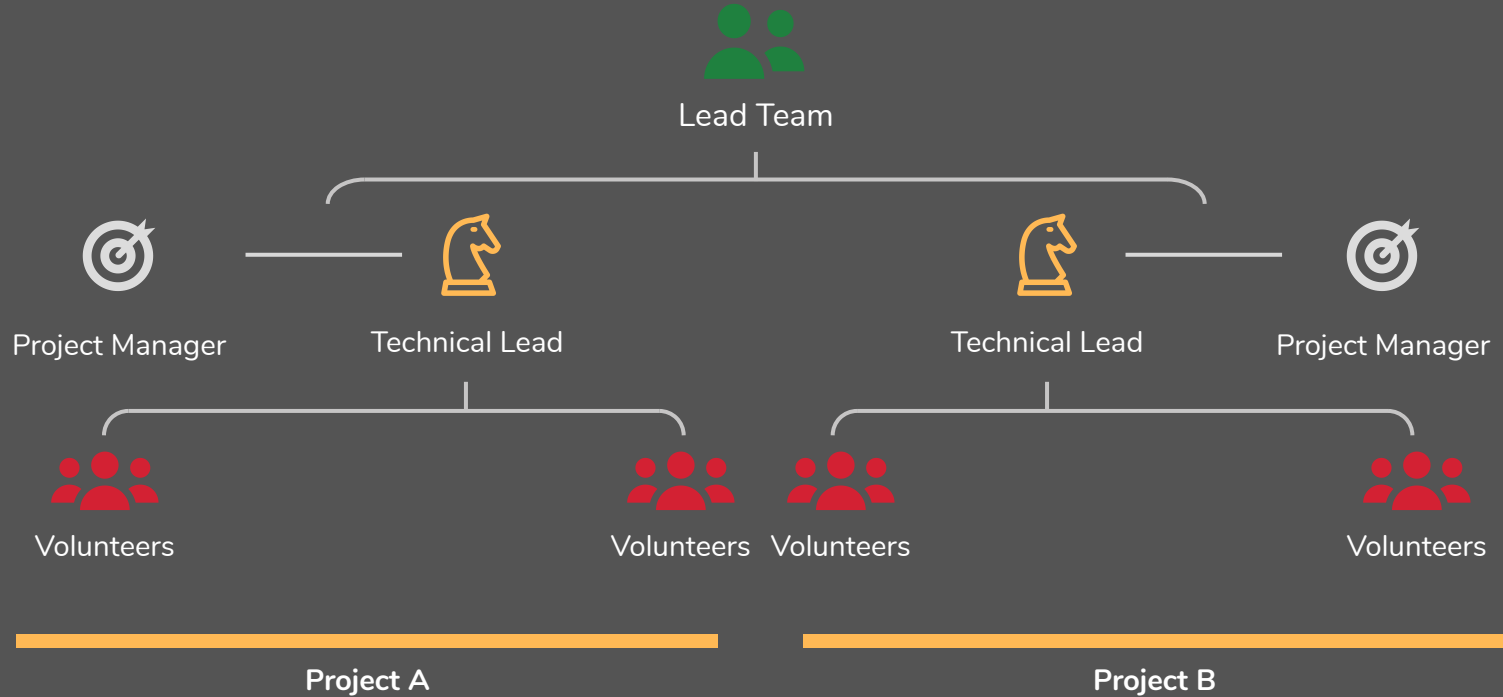




Volunteers



Volunteers





The perks of being a Volunteer

Our goal is to build, through our volunteers, a strong network of socially responsible data enthusiasts. We intend to provide you:

- **Social good projects:** work on a data science project for a non-profit
- **Learning events:** attend talks and workshops
- **Social good hackathons:** build a prototype for a social challenge
- **Networking events**
- The possibility of **publishing and promoting** all the innovation generated



What is expected from a Volunteer

Our goal is to build, through our volunteers, a strong network of socially responsible data enthusiasts. We expect that you:

- **Commit** exactly the time you promised. No more, no less
- **Report**, communicate and solve issues with your team - you have autonomy
- Always have the **beneficiary's best interest** in mind
- **Learn**, have **fun**, meet **new people** and make the world a **better place!**



Join us!



<http://bit.do/DSSGPT>