LASER PULSE & CGDV Hackathon

Visualizing Venezuelan Migration Issues in Colombia

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LASER-CGDV Colombia Hackathon

- **Welcome and Introduction**
  - Brief Description of the Hackathon
  - Background on LASER and the origins of this event
- **QED and their DV Hackathon Experience**
- **USAID Mission Perspective, VMC and context**
- **Event webpage at Github – "Hackathon Central"**
- **Data for the event, w/ tour of access to Colombia Gov't data website**
- **Submission of DVs, CGDV website registration**
- **Rules and Teams, FAQs**
- **Questions and Answers**

LASER-CGDV Colombia Hackathon

- Data visualizations (DVs) that explore the Venezuelan Migration Crisis (VMC) in Colombia
- Teams will assess, analyze and visualize data to communicate a recommendation, story, or new idea
- Student-oriented event, conducted mainly remotely/online
  - Colombia: UNAL, Univ. de Antioquia, and Univ. del Norte
  - United States: Purdue Univ., Univ. of Notre Dame
- DVs should be insightful and useful for USAID-Colombia

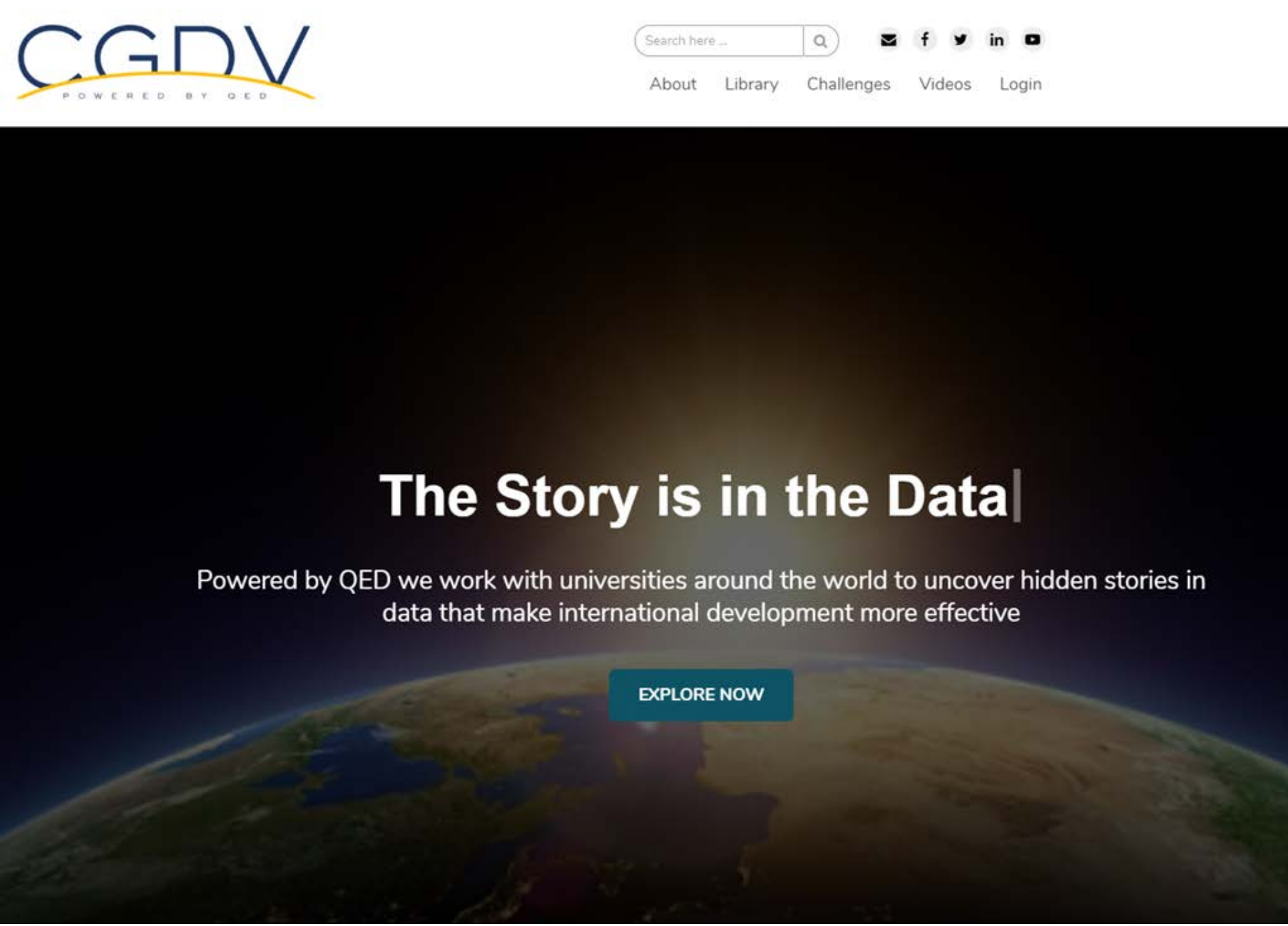
What is LASER PULSE?

- **USAID-funded 5-year Program**
- **Focus on International Research and Development**
- **Unite researchers and development practitioners for more effective research leading to greater impact**

The 3 Pillars of LASER

- **Research Capacity Building**
- **Research Translation**
- **Sustainable Network**

Background on CGDV and Past Events and Hackathons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The Story is in the Data
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User Profile

Profile

Rashika Jakhmola

Email: rashikajakhmola@gmail.com

Mobile:

Country: India

Organization: University of Delhi

Biography:

Rashika is a Second-year Mathematics undergraduate and is pursuing a minor in Computer Science from Hansraj College, University of Delhi.

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Profile

Prachi Jain

Email: prachijain1098@gmail.com

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Country: India

Organization: University of Delhi

Biography:

Prachi Jain, Research Intern for QED Group, working to create data visualizations for International development indicators to uncover interesting aspects that the numbers are showing. Currently pursuing her economics undergraduate degree from Hansraj College, Prachi has also cleared two Core Technical exams of actuarial science from Institute and Faculty of Actuaries, United Kingdom.

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Past Hackathons and Events

Between late 2018 and early 2020 we held events with Georgetown University, Delhi University, Emory University, Addis Ababa University, and George Washington University

USAID LASER Hackathon

USAID LASER Hackathon

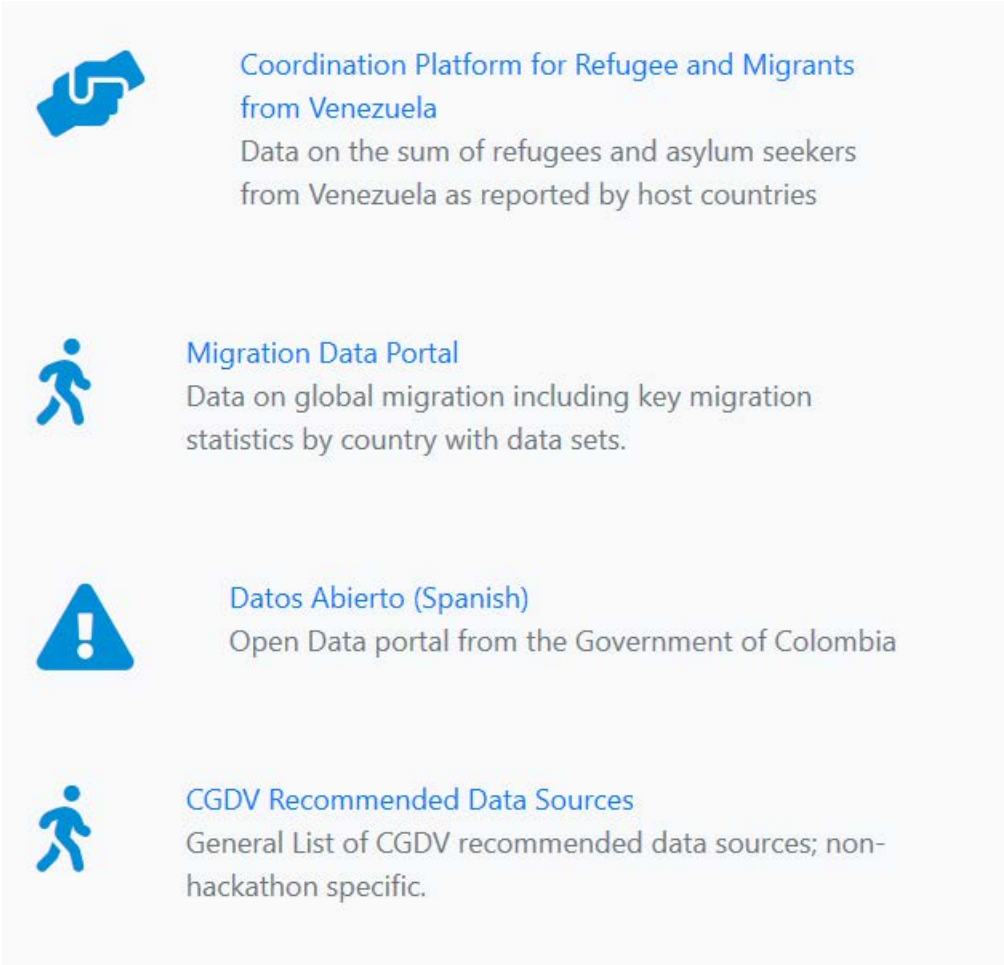
- **Topic -** Visualizing Venezuelan Migration Issues in Colombia
- Summary Information https://cgdv.github.io/challenges/Hackathon-2020/

USAID LASER Hackathon Visualization Task

- **Overarching Theme:** Visualize the Venezuelan migration crisis in Colombia
- **Challenge**: How do we better understand the challenges and impact of Venezuelan migration into Colombia; and how do we use that information to better the lives of the communities hosting these migrants, and the migrants themselves?
- **Task:** Using data visualization tools such as Tableau, Flourish, and PowerBI, create a visualization and analysis that can be used to improve the lives of Venezuelan migrants travelling into Colombia, and help better prepare those Colombian communities most impacted by Venezuelan migration. You may use a combination of datasets provided and your own external datasets to complete and

We have provided a list of recommended data sources on the Hackathon Github page.

Each of the links on the page will bring you to a data portal that will allow you to access and download datasets that you can use in your analysis



USAID Hackathon Datasets Continued

- Students can also refer to CGDV's recommended data sources at https://cgdv.github.io/dataSource/
- All data sources used must be cited
- Any outside data source used must be from a reputable source
- The expectation is that you will "uncover a story in the data" not just visualize the data.

Registration and Rules

- You can choose to register as a team or an individual; but everyone must participate as part of a team
- Teams can consist of 2 to 4 people; and only one non-student is allowed per team
- During the registration you will be asked what skills you would bring to a team (if registering as an individual); or what skills you are looking for in additional team members , if registering as an team
- You will also be asked about your university, academic focus,

Eventbrite

https://www.eventbrite.com/e/online-data-visualization-hackathon-visualizing-the-refugee-crisis-tickets-90763563261

Judging Criteria

Design & Layout – 25%
How creatively and uniquely the problem is visualized by the team – overall aesthetic appeal

- **Data Storytelling** – 25%

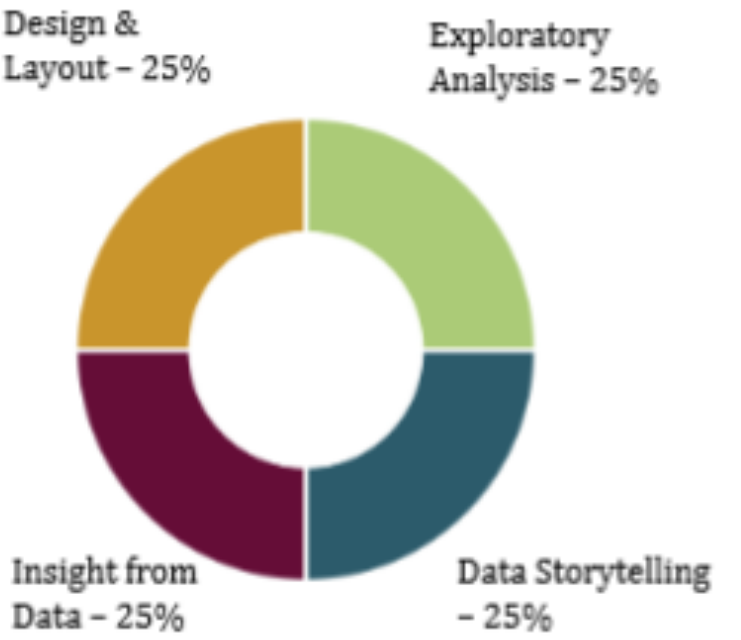
How effectively and clearly the visualization communicates idea to the non-technical audience

- **Exploratory Analysis** – 25%

How well the visualization exhibits the information contained in the data before making any inference

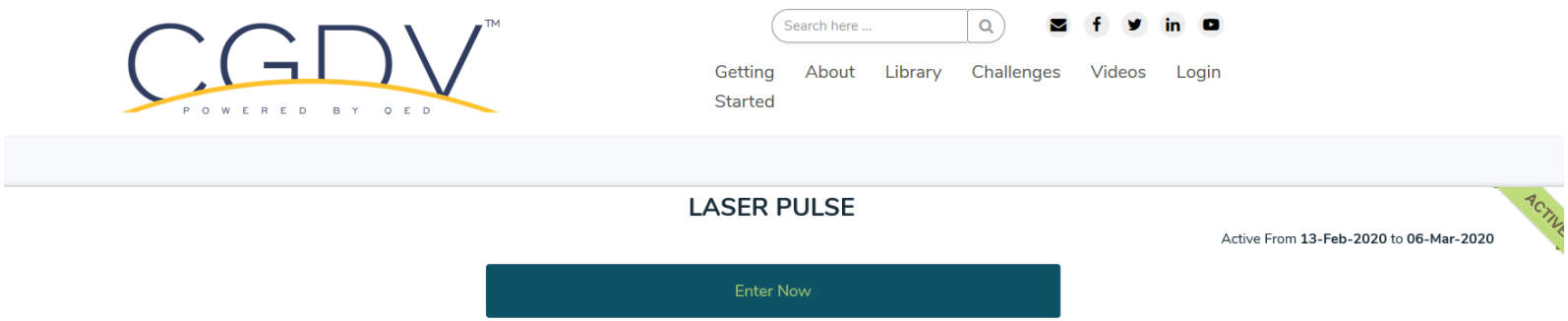
- **Insight from Data** – 25%

How can the visualization made help to solve/tackle/identify/do something unique for the community



These criteria will guide judges but ultimately judges are free to make decisions based on their gut feeling of which projects are the most impressive and most deserving.

Submitting



- Submissions through be made through “Challenge” link on www.centerforglobaldata.org
- All team participants must set up a profile on www.centerforglobaldata.org prior to submission.

Prizes and Award Event

- 1st Prize $1,500 to be divided among the team (plus Tableau swag)
- 2nd Prize $1,000 to be divided among the team (plus Tableau swag)
- 3rd Prize $500 to be divided among the team (plus Tableau swag)
- The top 3 teams will be invited to the Purdue University I2D Expo April 2nd for an award ceremony

Important Hackathon Info & FAQs

Important Hackathon Info

- Rules of the Competition / Reglas del Hackathon
- List of Teams >> participants need to view, verify, and confirm
- Key Event Dates
  - Feb. 13 (today) – Competition Begins w/ data made accessible
  - Feb. 27 – last day for late registration
  - March 6 – Deadline for DV submission
  - March 7-20 – Evaluation and judging period (2 stages)
  - March 23 – announcement / notification of winners
  - April 2 – awards presented at Purdue's Innovations in International Development Expo

FAQs

1. Can students from any country participate?
2. Can students from any university participate?
3. Can non-students participate?
4. Can people participate as individuals?
5. How do we submit our visuals?
6. Can my classmates and I make a team of 5 people?
7. Can we use data that is outside of the recommended sources?
8. Who will determine the winners?
9. Can my team win even if we can't attend the prize ceremony?

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Questions?