

HACKATHON AND OPEN DATA CHALLENGE FOR CAUAYAN CITY

REGISTRATION IS NOW OPEN



Open Data Challenge Mechanics

Challenge Objective:

- Clean and/or convert uploaded raw digitized data assets of City of Cauayan

Eligibility

- Filipino citizens residing in the Philippines;
- At least a high school graduate; and
- With background, skills, and/or experience in Data Science and Analytics.

SPARTA scholars and the general public are highly encouraged to join.

Application Process

- **User Registration.** Sign up and create an account in the SPARTA portal using Gmail accounts only. Simply fill-out all the required fields. Please note that registration should be done only once per participant in the portal system. This will grant you your unique user account you can use to either join or create a team.
- To **join a challenge**, you will be required to either join as an individual or create a team of up to 5 members.
- **Join and submit your entry** under your chosen challenges. Please be reminded that users can join only ONE team. Each team can join MULTIPLE challenges.

Qualifying Phases

- Qualifying Phase: November 3-14, 2022
Prejudging of entries to shortlist qualified entries for the pre-finals.
- Finals Phase: November 29, 2022
Winning entries would be announced.

Judging Criteria

- **Ethical.** Datasets used must be ethically acquired, sourced, referenced and cited.
- **Reliability.** Submitted output has firm reliability for use by the LGU and its community and/or collaborators without any future external issues.
- **Accuracy.** Submitted output has high accuracy to the challenge's expectations, category, datasets used and theme/topic.
- **Replicability.** Submitted output has a high chance of replicability for LGU's future use and improvement. Use of frameworks and/or methodologies are plus factors but not strictly required.
- **Usability.** Submitted output is relevant to LGU's challenge requirements and has high usability within its region.

Rules & Mechanics

- Any interested participant that falls under the qualification criteria is eligible to join the challenge.
- Participant/s can join as Individual (solo) or form ONE team. A team should have no more than 5 members and a team name should be identified, as required.
- Teams/ Individuals can submit entries to MULTIPLE CHALLENGES, but are prohibited to submit multiple entries for a challenge, e.g. joining a challenge as an individual and as a member of a team.

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- Only links to a Google Drive folder or a Github repository will be submitted. Ensure that the folder is accessible for viewing and all the files for submission are completely uploaded into those drives/repositories on or before the deadline. Late submissions/uploads to the drive will not be accepted as well as drives that cannot be accessed.
- Any violation of terms and conditions, event policies and code of conduct will result in disqualification of submitted entries.
- Any breach of data ethics standards and/or data privacy, security and confidentiality will result in disqualification of submitted entries.
- For SPARTA learners, you may opt to use your entries up to pitch stage as capstone projects for SPARTA MOOCs. Please coordinate with [Coursebank](#) for steps, process and procedures of availment.

Acceptable Entries

- Cleaned, engineered, readily-used datasets derived from the raw files provided by Cauayan LGU worthy of use for the City's future (data science and analytics) programs
- Datablog
- Data Journalism
- Research paper
- Dashboard
- Predictive model
- Software application
- Visual storytelling

**This challenge supports the following [UN SDGs](#) and [Thematic issues](#)*

UN SDGs: 1 - No Poverty, 8 - Decent Work and Economic Growth, 9 - Industry, Innovation and Infrastructure, 10 - Reduced Inequalities, 17 - Partnerships for the Goals

SPARTA Modified SDGs

1. Smarter Agriculture
2. Smarter Disaster Risk Reduction Management
3. Smarter Education
4. Smarter Governance
5. Smarter Health Care
6. Smarter Mobility
7. Smarter MSMEs

Thematic Areas: Regional Organizations, Business and civil society, Climate Change, Sustainable Infrastructure, Food and Security, Education and Occupational Immobility

Ownership: The participants should agree that all Open Data entries submitted will be in joint ownership between the Development Academy of the Philippines (DAP) as the implementing agency, Department of Science and Technology (DOST) as the funding agency, and the members of the participating teams. Thus, owners need to signify his/her/their consent via online form provided by the host agency to publish any forms of entries such as but not limited to data sets, mechanisms, and models in the SPARTA Open Data Portal for Hackathon challengers' use and other R&D-related agenda. Users of the housed Open Data Entries are encouraged to observe proper citation, otherwise, be penalized by existing laws under the Republic of the Philippines.