



OCDex **OCDex**
PUBLIC DATA ANALYTICS

FREI SANGIL

LAYERTECH SOFTWARE LABS



ABOUT LAYERTECH

- Private R&D Company based in the PH (works GLOBALLY)
- Civic Technology
- Local Gov'ts, CSO, Academic Institutions, Int'l organizations, Law Enforcement Agency

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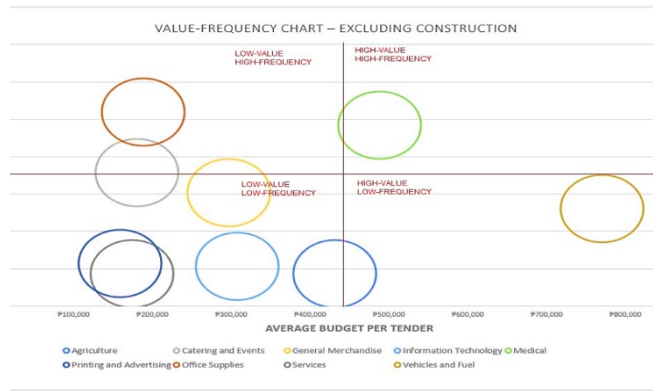
OCDEX: PUBLIC DATA ANALYTICS

What is Project OCDEX?

Project OCDEX started in 2018 it aims to harness the power of ICT, Data Science and emerging technology to:

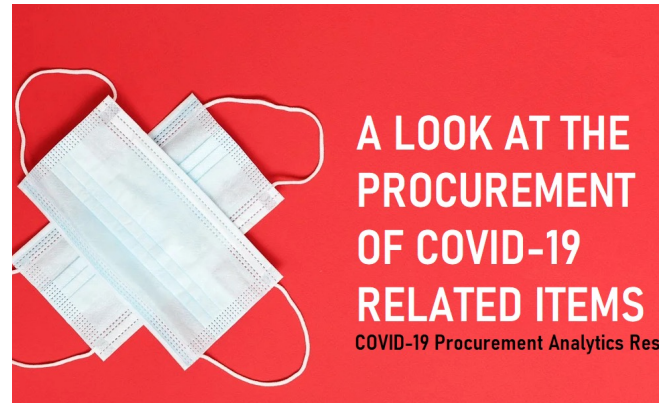
- **Improve transparency in the government**
- **Empower the public to monitor gov't service delivery**
- **Empower the public to participate in decision making and local policymaking**
- **Encourage Local governments to invest in good ICT and Data infrastructure, and leverage data to make inclusive and efficient programs.**

USE-CASES FROM 2018-PRESENT



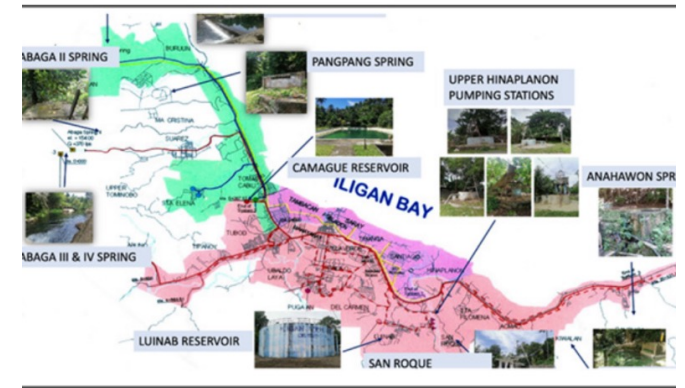
MONITORING GOV'T PROCUREMENT

- Business Intelligence to inform bidding strategies (ACCI)
- Inspecting HIV/AIDS-related spending of DOH RO5
- Automating Compliance Monitoring to the Govt' Procurement Process



COVID-RELATED ANALYTICS

- Inspecting Covid-19 related purchases of LGUs and SUCs
- Scoring risky contracts with ML
- Inspecting SUC investment in online learning



OTHER DATASETS

- Monitoring of Water Supply and Distribution in Iligan
- Creating a PWD dashboard for major cities in the PH
- Creating a Health Vulnerability Index for Barangays (villages)

1ST PUBLIC DATA ANALYTICS CONFERENCE 2022

Legazpi City, Albay PH



**Public Data Science and Analytics Conference,
Aug 23, 2022 at Legaspi, Albay**

"DICT aims to be the catalyst for digital transformation in this country; and to be so, we need to help build all the pillars for digital transformation." said Undersecretary Jocelle Batapa-Sigue during the OCDEX Conference

Academe Fellows, Partner Universities, LGUs, DTI, DICT,
Business Sector

Keynote Speaker: Usec. Jocelle Batapa Sigue - DICT





A COMPILATION of CONCEP
METHODS, and USE-CASES
PHILIPPINES
1ST EDITION



2022
PUBLIC DATA ANALYTICS:
Data-Driven Community Problem Solving

A COMPILATION of USE CASES FROM
THE OCDEX NETWORK IN 2022
VOLUME 2 OF THE OCDEX HANDBOOK SERIES



WE PUBLISH RESEARCH, REPORTS, BOOKS

CIVIC TECH and PUBLIC DATA ANALYTICS

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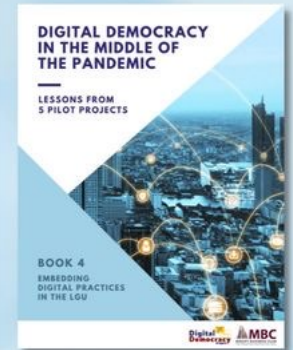
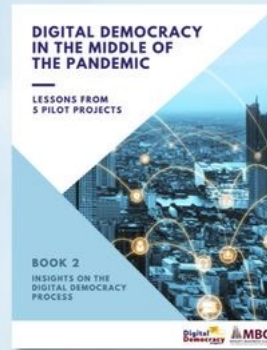
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Digital Democracy Handbooks

Learn how to initiate a Digital Democracy project in your own city or agency and make decisions with citizens' input – leading to stronger community engagement.



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mbc.com.ph/digital-democracy/resources/handbooks/



Scan here

STRATEGIC IMPLEMENTATION

- Start with low-hanging fruits (LGUs and NGAs)
- Partner with more experienced advocates
- Identify incentives
- Worked with Academe and Researchers – Fellows and Partner Universities
- Publish Papers and be open to peer-review





KEY TAKEAWAYS FROM PDA

5-year project

- Digital Innovations move FAST – A lot of catching up!
- Awareness of enabling (or restricting) policies
- If we are going to bring this power to the public, how do we balance
- Partnership with PNP – Conversations are more articulate with data from all sides: more actionable recommendations and solutions.

THANK YOU!

PLEASE STAY TUNED FOR OUR INCOMING
PUBLIC DATA ANALYTICS COURSE!
(ONLINE AND OFFLINE)

www.OCDEX.tech | www.CLOUDCT.tech |

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