**Answer Sheet**

**for Participating in AI 3rd Round Collaboration Project as a Program Developer**

Please answer the following items

Member company/organization name:

The dataset to be worked on will be determined by EPRI and IERE, but please answer the following questions for reference.　Datasets of interest (Multiple answers allowed):

A  B  C

Involved in the project as a program developer:

　　Participate in cases of data sets other than those of interest

　　Participate only if the dataset is of interest to us

　　not participate

The copyright of the developed program code belongs to the creator (or the organization they belong to). However, would it be possible to upload and share the model on GitHub (or a similar platform) under the Apache 2.0 license?

Yes  No

Comments:

Thank you for your response.

Please send this answer sheet to **office@iere.jp**.

**Datasets of EPRI**

EPRI has the following six datasets on electric power facilities

https://www.epri.com/thought-leadership/artificial-intelligence/data-sets/3QmA0kn43RnN56uAlbkMHG

**Category　A**

1. [Insulator Defect Image Dataset V1.2](https://forms.office.com/r/mzwcfzugEe)  
   This dataset contains images of healthy and defective porcelain transmission insulators. These images have been labeled with bounding boxes
2. [Synthetic Insulator Defect Image Dataset V1.0](https://forms.office.com/r/V3hdrCdhjS)  
   This dataset contains computer generated images of healthy and defective porcelain transmission insulators. These images have segmented to show the structure, conductor, insulator, and background.

**Category　B**

1. [Unlabeled Transmission Defect Imagery V1.0](https://forms.office.com/r/MAsPrwQpHc)  
   Historical defect imagery from comprehensive transmission inspections provided to EPRI, but unlabeled.
2. [Distribution Drone with Geospatial Data V2.0](https://forms.office.com/r/SjSYdbkbbT)  
   This dataset contains 421 drone collected images of Distribution infrastructure in a training environment.

**Category　C**

1. [Transmission H-frame V1.0](https://forms.office.com/r/2Qy0n4NnVA)  
   This dataset contains 12,158 drone collected images of one transmission structure type, an "H-frame" structure type. 11,483 have been labeled and split 8,038 for public training and 3,445 for withheld testing. Additional information about the dataset can be found here, <https://www.kaggle.com/competitions/electric-transmission-imagery>
2. [Unlabeled Transmission Defect Imagery V1.0](https://forms.office.com/pages/responsepage.aspx?id=AGTMMj0V90K8VXflpQ8bz0Fhowp3sHlPsHuc9DMJSEBURFFQTkNWVFhBVUxZRVU1NVJFU0wxR0taUS4u)  
   Historical defect imagery from comprehensive transmission inspections provided to EPRI, but unlabeled.