Task 3: Data Collection and Aggregation

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Goal:

The main purpose is that all the data for analysis should be gathered in the OTORIO platform so that all other stakeholders of the project could run their analysis from a single source

- Size: 10 GB (→ 100 GB)
- Content:
  - AMI data from 619,200 customers (including commercial and residential) in Pittsburgh, Pennsylvania (PA), USA from June 1st 01:00:00 , 2019 to June 30th 01:00:00, 2019.
- 11 Attributes:

Attribute	Meaning
BADGE_NBR	The ID number of the smart meter.
MTR_CONFIG_TY_CD	The type of the configuration of the smart meter ([NETWORK][PHASE][INTERVAL - NET METER (if applicable)]).
MTR_INSTALL_DTTM	The installation time of the smart meter.
MTR_REMOVAL_DTTM	The date and time in which the meter was removed.
ADDRESS, CITY, STATE, ZIP	The location of the smart meter.
MEASR_COMP_USAGE_FLG	An indicator to show whether the data is positive reading or negative reading.
MSRMT_LOCAL_DTTM	The time that the data is measured by the smart meter.
MSRMT_VAL	The measurement of the load value from the smart meter.

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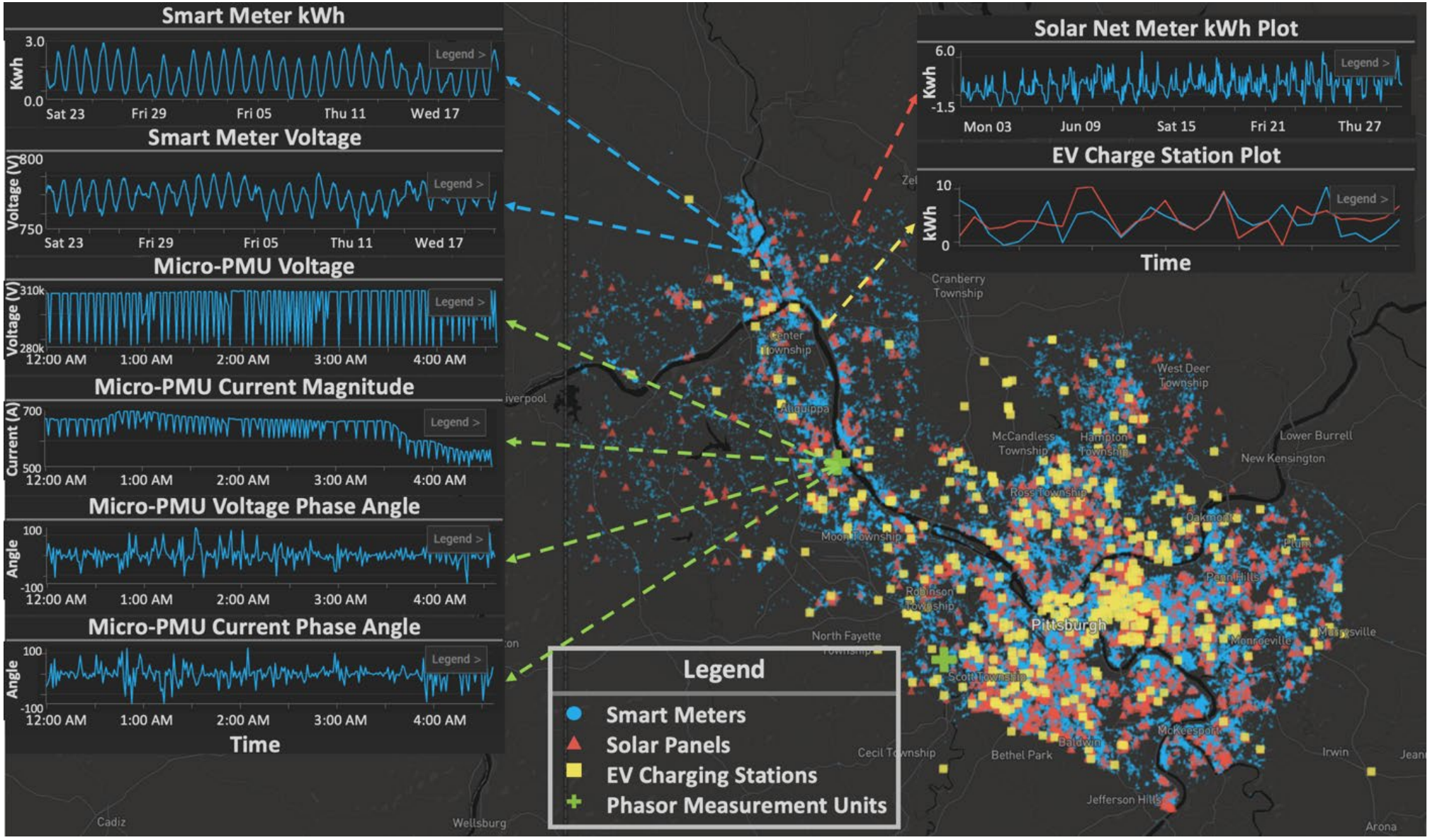

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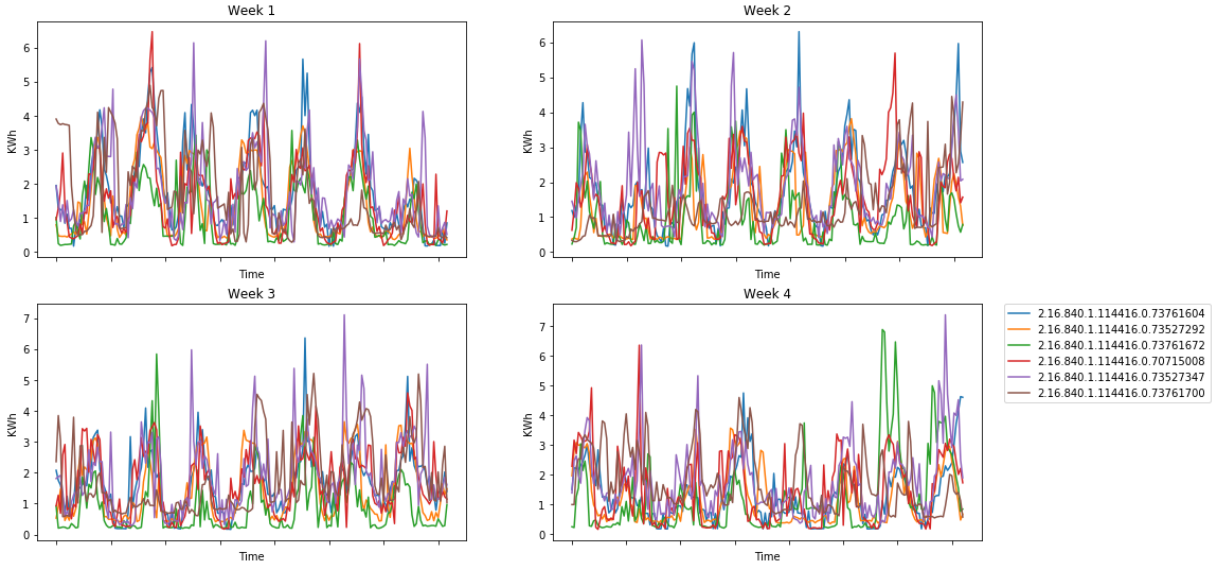
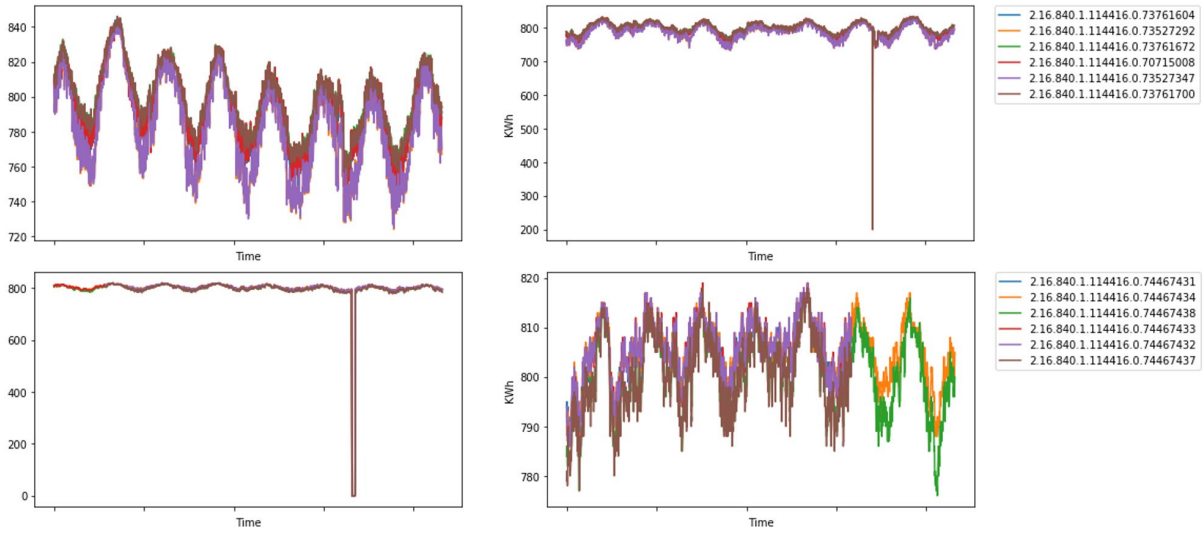
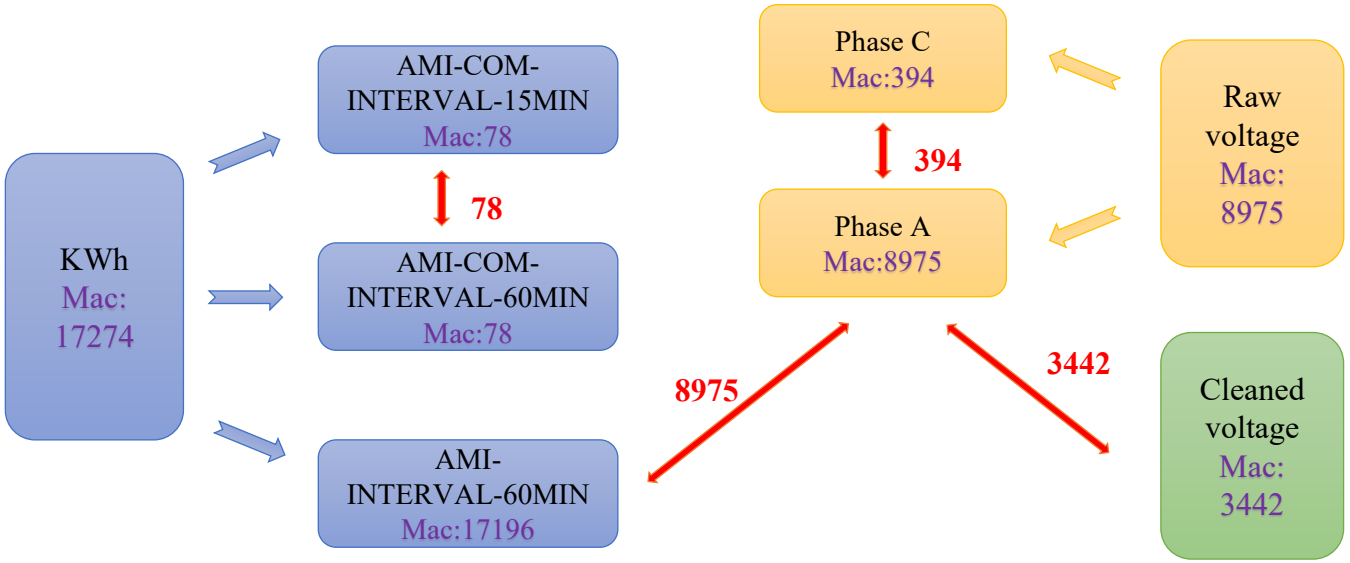
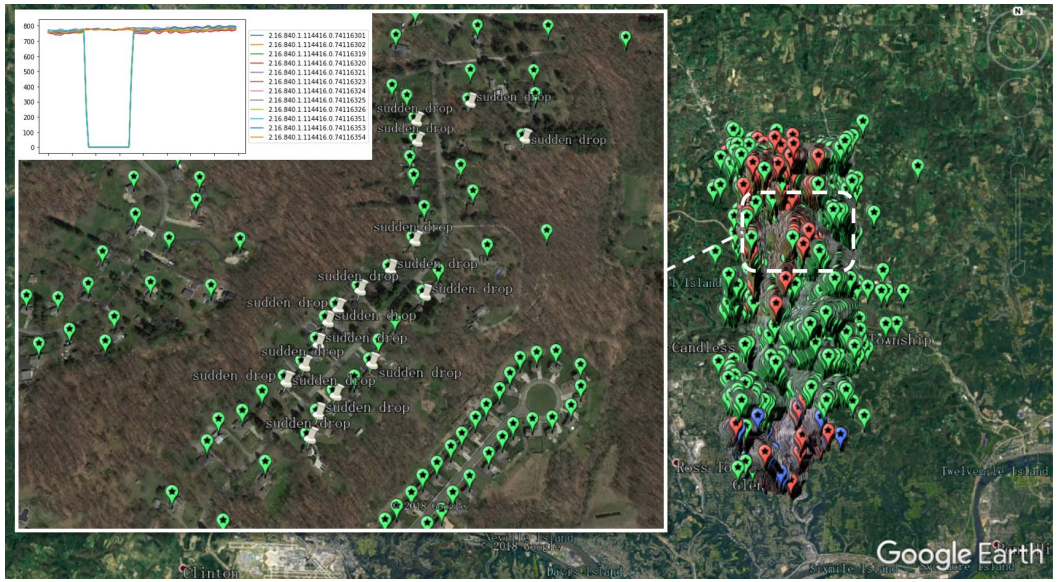
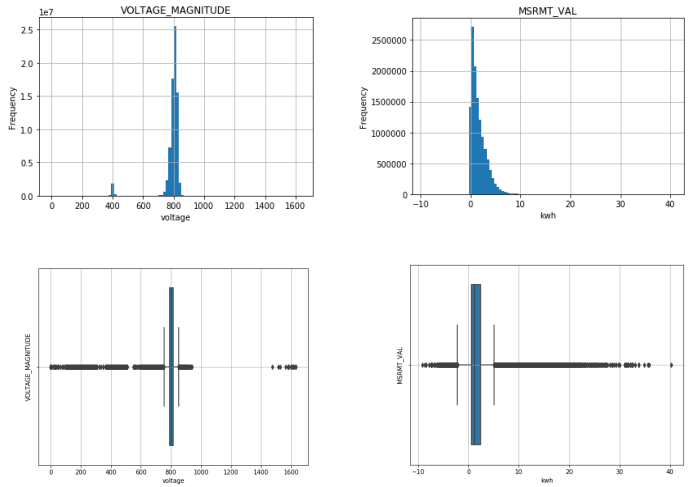
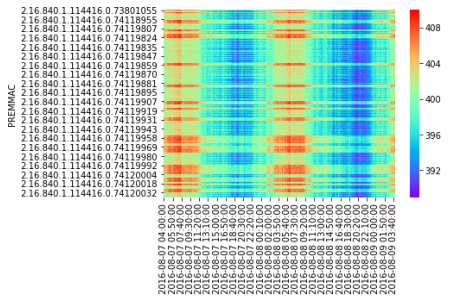
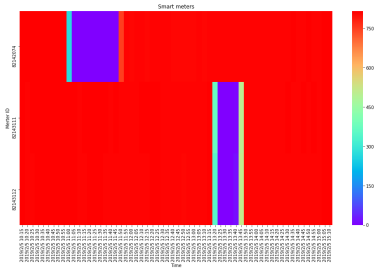
Weekly Power Data



Weekly Voltage Data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