# Teclite is an open-sourcelightweight, and fast Python engine for transit equity credits optimization model for subsidization.

# Input files:

zone.csv

* zone\_id int
* pop float (population)
* pop\_ratio\_1: float ( the population ratio of group 1)
* pop\_ratio\_2: float ( the population ratio of group 2)
* pop\_ratio\_3: float ( the population ratio of group 3)
* agency\_id: int

demand.csv

* demand\_id int
* from\_zone\_id int
* to\_zone\_id int
* travel\_time\_auto float
* travel\_time\_transit float
* travel\_cost\_auto float
* travel\_cost\_transit float
* trips float
* agency\_name int

setting.csv

[pop\_group]

* Group id int
* Group name string
* annual\_income float (optional)
* hourly\_salary float
* value\_of\_time float

[agency]

* agency\_id int
* agency\_name string

# Output files:

