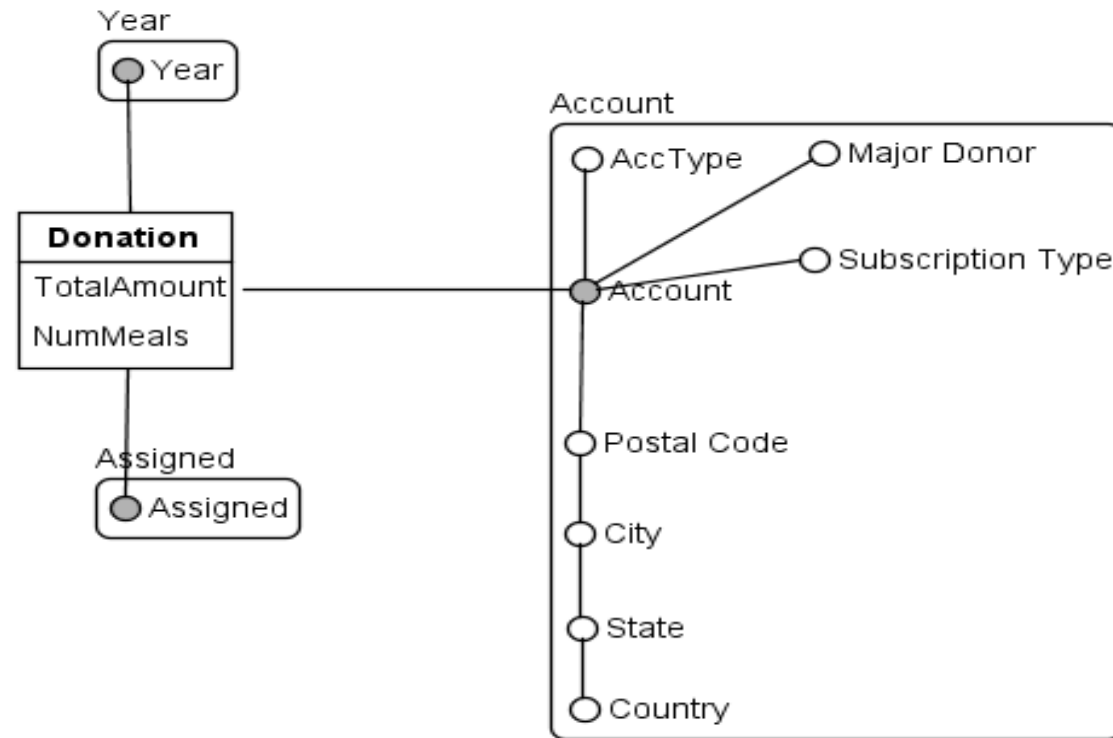# Project DW 2020/2021

Rise Against Hunger

Presented By:

Magno Alessandro 4478234

Business Questions

1. Who are the recurring donors?
2. And Do the giving amounts increases or decreases vary based on donor level? What the levels ($ amount cutoffs)?
3. Where do the donations based on recurring donors come from?

Conceptual Schema

ETL Tools

- Tableau Prep Builder
- Pandas library Python
- Tableau Desktop
- PostgreSQL
- BI Modeler

Example of Query

CREATE TABLE countamount as

SELECT id, count(totalamount2010) as amount2010, count(totalamount2011) as amount2011, count(totalamount2012) as amount2012, count(totalamount2013) as amount2013,   count(totalamount2014) as amount2014, count(totalamount2015) as amount2015,count(totalamount2016) as amount2016

FROM account

GROUP BY id

/*recurring donors based on how many times a person donated amount from 2010-2016 if a person donated a least 2 times is considered a recurring donors*/

SELECT id

FROM countamount

WHERE amount2010+amount2011+amount2012+amount2013+amount2014+ amount2015+amount2016 >=2

Location Recurring Donors Analysis

Location Recurring Donors (Meals Donated)

Level of Donors

LEVEL 1: 1 TO 1000
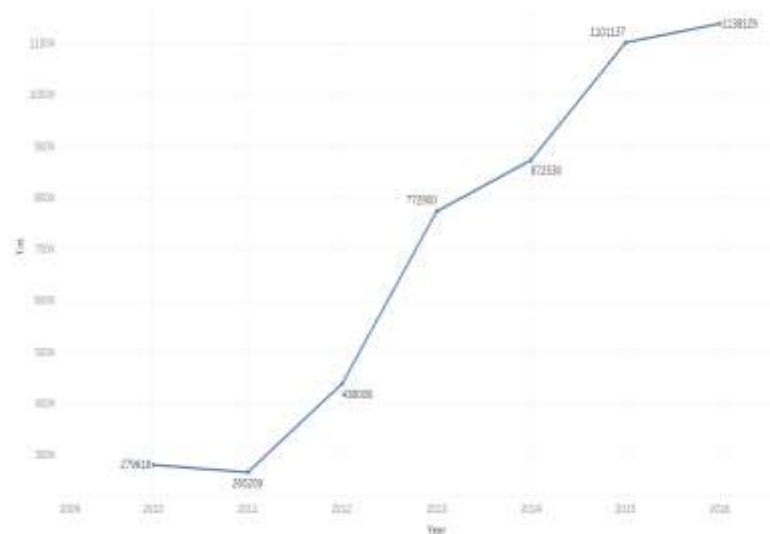
LEVEL 2: 1000 TO 10000

LEVEL 3: 10000 TO 50000

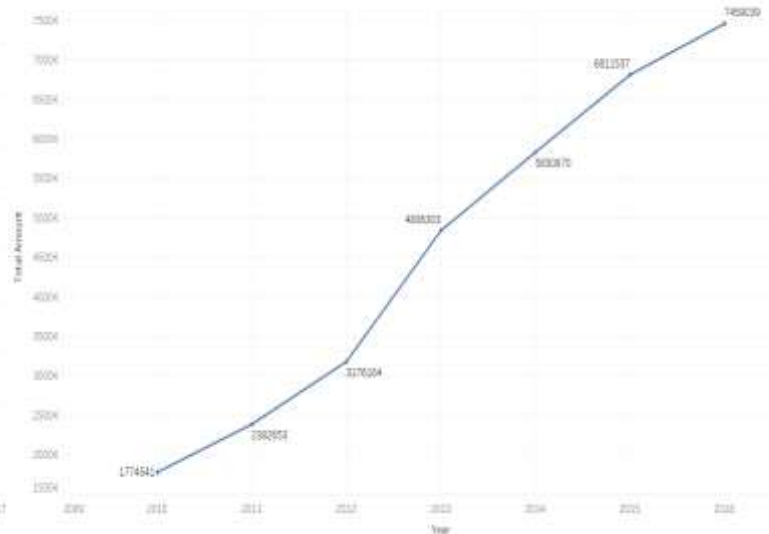LEVEL 4: 50000 TO 100000

LEVEL 5: 100000 TO 1000000

LEVEL 6: 1000000 AND ABOVE

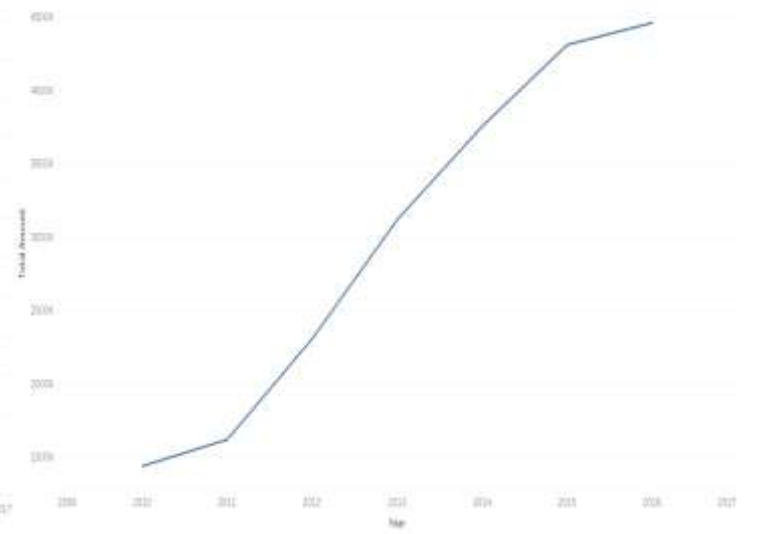# The trend of amount donated based on donor levels

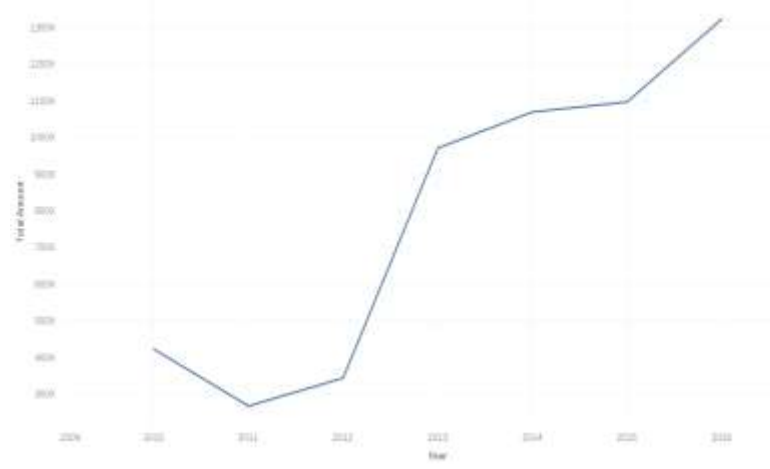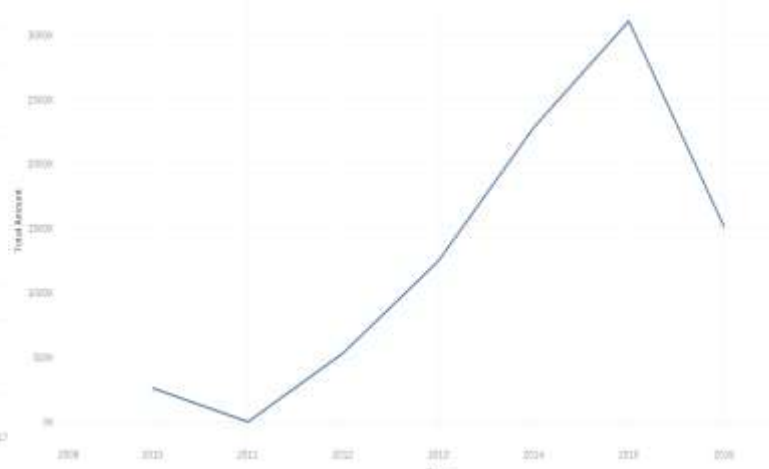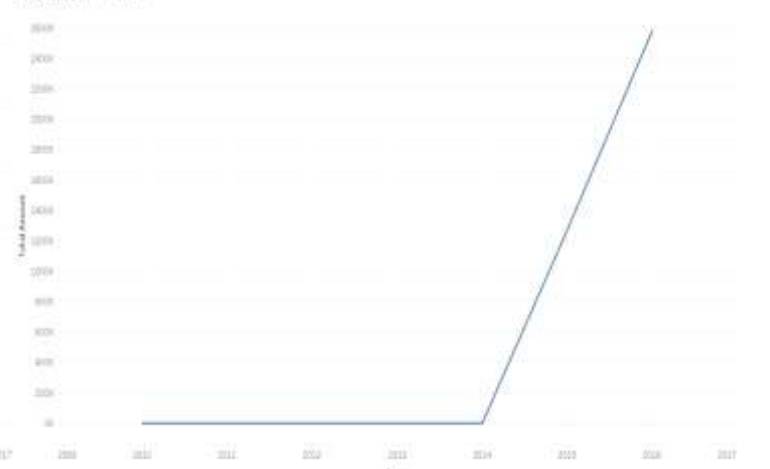Effort in terms of hours: 90 hours