# Ground Truth (Ideal) Clusters

#########

control temperature

thermostat

smart thermostat

desired temperature

ideal temperature

optimal temperature

temperature sensor

########

ac

nfc

appliance

ceiling fan

cooler

electricity

heater

oven

stove

stovetop

toaster

#########

blind

emergency

shock

dangerous gas

environment

optimal

shade

########

alarm

buzz

call

doorbell

intruder

police

sound

door

lock

remote

sync

########

carbon monoxide

carbon monoxide detector

smart carbon monoxide detector

#####

bad odour

dangerous gas

optimal condition

#######

door

lock

remote

#######

air conditioning

air purity controller

bad odour

air quality

ceiling fan

electricity

########

automated sharp furniture sensor

automatic fragrance sprinkler

automated food bowl

auto sprinkler

#########

pet water container

plant soil

#######

text

text message

########

sensor

window

window fan

window sensor

#########

certain light

christmas light

garage door

automatic garage door opener

lighting

room lighting

########

weather alert

weather outside

########

hallway motion detector

outdoor motion detector

outdoor motion sensor

########

smart lock

smart shower

shower

smart thermostat

smart appliance

smart home

smart feature

smart phone

integrated smart electronics

smart breakfast appliance

smart coffee machine

breakfast food

smart touch screen tv

smart watch application

smart device

robot

########

automated music system

control comfort

device

notification

call

mobile phone

biorhythm app

push notification

tablet

radio system

remote

remote control opener

voice command

wireless charger

########

app

background music

music

tv

television

smart touch screen tv

#########

class reminder

push notification

socket adapter

##########

manually vacuum

vacuum cleaner

##########

monitor my energy use

energy efficient

electricity

##########

potential health concern

##########

ductless heat pump

heat source

regular furnace

space heater

##########

video feed

video camera

##########

ir bracelet

##########

registered occupant

##########

remote location

##########

team goal

home sport experience

minimum required amount time

########

recommendation

########

shower

sink