# Top 3

1. Real Estate
   1. How can we automate the identification of profitable investment properties for both flipping and renting?
      1. Need a way to scan pictures of listings to focus on “old” properties or ones in bad shape. This can be done through training the model with examples of these types of pictures. Then there needs to be filters for certain parameters such as min/max number of bedrooms and bathrooms. We should also work in a geofence to only target certain areas. This would be for Chicagoland
   2. How can we automatically identify the most profitable rental properties throughout the country?
      1. There could be 2 models here – one for properties needing renovation, but the ‘price is right’ so there is good room for profit. This would use a similar algorithm to the above. The second would be to identify places that are turn-key. The focus would be on commercial, multi-family units (5+ units). It would work by comparing predicted property value to net profit, factoring in projected costs, appreciation and rent
2. Weather/Climate Change
   1. What major American cities will be the most desirable to live in from a weather perspective by 2040?
      1. Establish what conditions are considered most desirable, such as temperature & humidity, and see which cities are projected to have that by 2040, by current projections
3. Psychology/Sociology
   1. Are we becoming more or less happy, and what factors are most closely linked to happiness?
      1. Study happiness trends and the factors linked to it

## Other Contenders / Runner-Ups (or couldn’t think of a specific problem/goal)

Performance Cars

Food/Restaurants

Societal Demographics/Personal Preferences

Evolution of Behavior/Attitudes

Consumer Habits/Preferences

Psychology

Census

Business Performance

Nature (mountains, oceans, trees)

Buildings

Changing Health

Basketball, Archery

Gyms/Fitness