

Project Ideas: Team 13

The Document

1. Matthew Mango

- a. List the source of and describe at least 1 potential data sets(**8 total points**)
 - i. US Census Bureau
- b. Identify who your customer/s would be (8 total points)
 - i. Customers would be dating website looking for overall matchmaking potential across the US to help partners figure out where to move
- c. Describe the problem that the proposed project solves and justify its need (10 total points)
 - i. Depending on what your criteria for mate selection is, you may have a better chance in a city that has more people in the group you're looking for. Like FarmersOnly.com
- d. State the product vision and how your web based project would be useful to society (8 points)
 - i. Our website would provide aggregated, graphed data showing where you are mostly likely to find your pattern.
- e. Identify the major features of each of the proposed projects (**12 total points**)
 - i. After inputting some data, it ranks cities based on your preferences in your dating sex of choice.

2. Oliver Bond

- a. List the source of and describe at least 1 potential data sets(**8 total points**)
 - i. Data set on air pollution from the World Health Organization
- b. Identify who your customer/s would be (**8 total points**)
 - i. Our customers would be people looking for the causes and effects of climate change as well as just general health of air quality.
- c. Describe the problem that the proposed project solves and justify its need (**10 total points**)
 - i. Air pollution is a very common and overshadowed problem in today's society with not many people fully grasping its significance. This project would make this information more accessible and help spread awareness.
- d. State the product vision and how your web based project would be useful to society (**8 points**)
 - i. Our website will provide simple, easy to understand information on air pollution with visual aids and simplified explanations for the general public.
- e. Identify the major features of each of the proposed projects (**12 total points**)
 - i. The user can choose an area and be able to receive the air pollution information for the given area.

3. Carl Pittenger

- a. List the source of and describe at least 1 potential data sets(8 total points)

World Health Organization (WHO), Road Safety,
<https://www.who.int/data/gho/data/themes/road-safety>

- b. Identify who your customer/s would be (8 total points)

People interested in learning more about road safety data.

- c. Describe the problem that the proposed project solves and justify its need (10 total points)

This proposed project could help people to understand how to better prevent road injuries.

- d. State the product vision and how your web based project would be useful to society (8 points)

For everyday people, who are interested in learning about road statistics and road injury prevention, the product would be an application that shows easily the relevant data and facts about road safety.

- e. Identify the major features of each of the proposed projects (12 total points)

Visually pleasing presentation of road safety data and injury prevention tips.

4. Austin Black

- a. List the source of and describe at least 1 potential data set. (8 total points)Global Health organization.
- b. Identify who your customer/s would be(8 total points). **Customers would be people who are interested in Health statistics.**
- c. Describe the problem that the proposed project solves and justify its need (10 total points)**Problem being that not alot of health stats are out there and easy for people to find and educate themselves on.**
- d. State the product vision and how your web based project would be useful to society (8 points). Vision for this project would be to inform the people who feel misinformed about health related stats so they can know more.
- e. Identify the major features of each of the proposed projects (12 total points). **One major feature would be to easily switch between different data sets and see how they correlate.**

5. Christian Amidon

- a. List the source of and describe at least 1 potential data sets(8 total points)

-Source:

[https://www.who.int/data/gho/data/indicators/indicator-details/GHO/estimated-road-traffic-death-rate-\(per-100-000-population\)](https://www.who.int/data/gho/data/indicators/indicator-details/GHO/estimated-road-traffic-death-rate-(per-100-000-population))

-This data set represents the estimated road traffic death rate per 100,000 people

b. Identify who your customer/s would be **(8 total points)**

-The customers are anyone who is interested in researching car crash death trends in recent years.

c. Describe the problem that the proposed project solves and justify its need **(10 total points)**

-This data can be used to better understand car death rates and how they have changed in order to decrease them in the future.

d. State the product vision and how your web based project would be useful to society (8 points)

FOR researchers

WHO need to study car accident death trends

The visualization is a website

THAT demonstrates data visually in different formats

UNLIKE other sites that represent static data

OUR PRODUCT visualizes this data in a helpful way for researchers

-This project is useful for society for researching and improving the trends of motor accidents.

e. Identify the major features of each of the proposed projects **(12 total points)**

-The user can select a given year, and see various charts and graphs that illustrate the data.