Thesis Topic Explorations

Utilizing and retelling the narrative with their data

Footage and photographs of this community are available and can be utilized for qualitive data

DATA:
will need to be collected **manually** starting with:
www.minkahsweaters.com

can also work with general census data on Bolivia as a country and specifically Cochabamba

research the history of how this community has involved since selling their sweaters

example of a third world community reliant on female salary and led by the women cooperative

gives women chance to be independent workers and live thier lives without reliance on males in the community

IMPACT:
raise awareness about fair trade models, socially "responsible" production methods

AUDIENCE:
everyone? Western consumers?

Minkah Sweater Visualization

Sustainability model & research on thefine south american wools

I'm visualizing data surrounding a knitting cooperative made up of women living Cochabamba, Bolivia that have provided for their community through the sale of fine wool sweaters to Western buyers. My project would involve collecting qualitative data on the history of this Cochbamba cooperative and how selling their Minkah sweaters has improved the ecconomic standing of their entire community.

Community is located in Cochabamba, Bolivia, 8,000ft above sea level

Fair trade work model, visualizing current clothing production climate and how to improve sustainability and workers rights by giving buisness to communities such as this one

PART 1: Visualize the history of the cochabamba coop and how their knitting has changed the lives of generations to come

Building out a visulization platform for the general public and western buyers

PART 2: create a database that provides information on the fibers for each upcoming Fall/Spring fashion weeks that can be shared with the cooperative in order to decrease their costs.

Collect data on sizing and body scanning that can be input into the platform -- working on "real image sizing"

Thesis Topic Explorations

AUDIENCE:
psychological research community, govermental child rights community, charities, everyone??

IMPACT:
Working to prevent child maltreatment is a universal issue that affects society everywhere

DATA:
lots of quantative data is availible from the study and it's impact on the families involved

is currently being analyzed on SPSS but can be made available via excel and csv files -- must be organized in clarified -- I am attempting to prove this study has a positive impact? or just show the data?

lots of QUALITATIVE video data is available, but must be blurred to protect identity of the individuals

adverse childhood experience (ACEs) are measured on a 1-10 scale -- lots of ACEs data to work with that backs up this study

Psychological intervention study attempting to break the cyclical pattern of adverse childhood experiences

John Bowlby's attactment work

study is being conducted in poorest neighborhood in the U.S. 2015

Group Attachment Based Intervention in South Bronx Community

I'm visualizing data collected in the South Bronx by a group attachment based intervention study that aims to prevent child maltreatment and promote secure attachment.

Measures of secure attachment include increased social support for mothers, and greater maternal sensitivity.

this data has not been visualizated or available to the general public yet, though this is the ultimate goal of the reasearchers involved

visualizing these measures of attachment using ethical methods of data sharing

the study is growing to more and more sites in New York State and across the globe, the hope is to make this type of intervention available to clinicals everywhere

Qualitative data showing the infants and parents -- emitting behavior of disorganization etc

could potentially collect some data myself, watch the study in progress and assist on better ways to capture the narratives.

a visualization that helped train or teach the group intervertion program would also be really useful

Thesis Topic Explorations

At what point does a robot or machine get assigned some kind of "human" like rights? Why or why not?

Machine Ethics vs Roboetheics

DATA: lots of data available, how to sift through it all.....

Robot Rights

This project would focus on the rights of artificially intelligent machines and what types of legal and social implications are currently in place to deal with this fast approaching reality.

Creating a visualization of current forms of artificial intelligence that do and do not have any kind of "rights" and responsbilities

What are the ultimate goals of creating artifically intelligent machinary?

What exactly ARE the most pressing ethical issues arrising from the growth of more sophisticated AI machines?

Once these goals have been achieved, do we draw a line on how much further this type of technology should be taken?

What is our plan for the future?

What must be taken into consideration and where does the responsibility for these machines lie?

Visualize a TIMELINE of AI technologies starting with the earliest forms of machine learning

Thesis Topic Explorations

DATA:
A lot of data available regarding the history and contemporary breakthroughs of Israeli green energy systems from companies such as TEVA

Since 1948 people have been working to "settle the desert" starting with David Ben Gurion

IMPACT/AUDIENCE:
everyone? govn't, environmentally concious ppl

Israeli Green Technology

TEVA Irrigation Systems using seawater to grow plants

What breakthroughs have been made to signifcantly improve green technology in this region?

Israel was the only country in the world to enter the 21st century with a net gain of trees. It is comprised of 60% desert, though that desert is receeding due to innovative domestic green technology. Most consider the US the most industrialized country world, yet in 2015 California suffered a devasting drought and the country as a whole continues to rely heavily on fossil fuels. The purpose of this thesis would be to compare and contrast these two countries use of green technology and potentially outline how Israeli inventions can serve as model to imrpove other Western approaches to environmental issues.

What do THEY have that the US does not? URGENCY!

How do we emulate these models and start changing the way the greater Western world deals with green technology??

60% of the country is in the desert, but new trees grow constantly

Compare funding and govermental budgets allocated to green tech and improving agricultural production