logistics

getting settled in

1. WIFI: DISCOVERYPLACEWIFI

2. SERVER AND DATA ACCESS WILL BE GIVEN IN THE TECH COMMAND CENTER

3. ONE ID PER TEAM

4. RESTROOMS – ONE FOR EVERYONE

rules of engagement

1. nothing illegal

2. respect copyright

3. keep it clean

4. terms & conditions

5. all work must be ON SITE

6. organizers reserve the right…

party time excellent

ENTERTAIN ME | DISCOVERY PLACE SCIENCE

TIME	WHATS GOING ON?	WHERE GOING ON?
11:00 PM	LIQUID NITROGEN	STAGE : LEVEL 2
12:00 AM	MIDNIGHT SNACK	DA VINCI : LEVEL 2
1:00 AM	COUNTRY KARAOKE	STAGE : LEVEL 2
2:00 AM	TIPS & TRICKS	TBA
4:00 AM	OPEN MIC STAND UP	LEVEL 2
5:30 AM	WAKE ME UP TO KUNGFU FIGHTING	ADMISSIONS

the judging

let's talk categories

1. The HACK

- For Hackathon purists, this category demands hacking, coding and analytical talent where the winners will be judged on the quality of predictions and scalability of code (remember "Big Data Hackathon") that is able to solve the business problem.

2. The CODE

- Well, you got it. In order to win…you need to write some code. It can be anything from mobile applications to websites and everything in between, as long as it helps solve the business problem.

3. The FREESTYLE

- We believe that creativity can be hacked as well!! So this one is for the artists, the vagabonds who can't code (yet) but still dream about making the world a better place with lateral, "never-before-thought-of" ideas. Deliver a killer-pres backed by a solid, scalable, business model that convincingly proves that you can solve the business problem, and you too can win.

share your results

1. format – your call

2. time – 3 minute presentations for shortlisted teams

3. Creativity (yours), predictability (machines), scalability (your code), and implement-ability are all important

trust the process

2 parts:

1. Shortlisting - starts @ 7am tomorrow

   Sign up for appointments via google spreadsheet, link will be on Slack

2. Keyboards down people. Coding ends at 10 AM.

3. Let the awards begin @ 12pm

   10 Teams – 3 Teams for each category (HACK, CODE, freeSTYLE) + 1 wildcard

the problem

up all night for a cause

1. The beneficiary – Charlotte Housing Authority

2. The Problem – Economic Mobility in CLT… 50/50…

3. THE SPECIFIC FOCUS - Affordable Housing in CLT

4. The Solution – YOU

DATA + TECH

stack & slack

1. free to use anything that can compile to a .jar (java, scala, etc)

2. JBDC connection is available through HIVE

3. R, spark, anaconda, pySpark, HIVE, Elasticsearch installed on each box

4. Samba available to connect to servers

5. Tresata TREK

6. communicate with other hackers on slack (https://hackathonclt2018.slack.com/)

data data data

1. The data descriptions & data dictionary can be found on GITHUB
   (https://github.com/tresata/hackathonclt2018)

2. We have collected public data & data dictionaries from:
   - HUD
   - Census
   - NC Board of Education
   - Charlotte Metro PD
   - Mecklenburg Quality of Life
   - Zillow
   - EPA
   - Consumer Financial Protection Bureau

3. We have never before seen data – Mosquitos, Clean Air Carolina

4. Tresata TREK output is available at https://hack01.nscom.com:5601/login

5. Get creative. Nothing is off limits.

Q & A

#CLTHACKSALOT
(and its okay to say so)

@charlottehacks | #HACKATHONCLT