Infographics for Breast Cancer in Central GA

We've got quantitative data about breast cancer in Central GA, and need some visualization for it. Infographics, or other visualizations, are welcome!
Data: https://drive.google.com/file/d/0B1xsgENZKmFLc2xlUExqTHpyVG8/view?usp=sharing
Problem Description document:
https://drive.google.com/file/d/0B1xsgENZKmFLTWZYOUh0Uzg1b3c/view?usp=sharing
Key color: #c60070

Projects from HackMacon 2015

Historic Macon

- Before-and-after showcase of historic construction projects -- Christine, Garrett, George
- Content writing for the importance of Historic Macon's efforts
- Do a then-and-now image collage for locations in Macon
  - Something like this: **http://interactive.guim.co.uk/embed/2014/apr/image-opacity-slider-master/index.html?ww2-dday**
- [Do you mean something akin to this? http://www.mythereal.com/macon-then-now-geohistory/ - Robert R~]
  - Potentially, with additional locations and a method of viewing the information (website, app, etc).
    - Currently the QR code takes you to a page about the property, but it wasn't fully developed. It was left as a completed trial more or less; an experiment.
- Make a map with all the historic locations, with the tax parcels on the map as a shapefile. #done
  - Here's a CSV of the historic properties, with their addresses: https://drive.google.com/file/d/0B1xsgENZKmFLZUVQRW9BTHJXbTA/view?usp=sharing

- Shapefile information: https://drive.google.com/file/d/0B1xsgENZKmFLdWJlazhZeDB2Zjg/view?usp=sharing
- KMZ files of other properties in other districts: https://drive.google.com/file/d/0B1xsgENZKmFLcFpXVmFraU5lbGs/view?usp=sharing
- Harrell has made a map in Esri for this: http://arg.is/1EwutSx
    - And he made another with the final product! http://arcg.is/1FIW3mo

Macon Arts Alliance

- New mobile app supporting the major functions of ovations365.com
    - Features
    - List of all events, with search functionality
        - Ability to find events near my location
        - Either Android or iOS would be great
        - Look at ovations365.com on your phone to see the current features.
        - API for the events
            - Feeds API URL: http://ovations365.com/web_services/feed/event/7b49bfc23f23f9e2be5648db3d234c63
            - Feeds Public URL: http://ovations365.com/feeds/event/rss/none/none/none/none/none/none/none/none/180/
            - RSS Short Form URL: http://ovations365.com/feeds/event/rss_short/none/none/none/none/none/none/none/none/180/
            - RSS Short Form w/Description URL: http://ovations365.com/feeds/event/rss_long/none/none/none/none/none/none/none/none/180/
            - Wordpress API URL: http://ovations365.com/wordpress/event/7b49bfc23f23f9e2be5648db3d234**c63**
    - **List of art pieces and location, artist information**

        - Data: https://drive.google.com/file/d/0B1xsgENZKmFLQndEbUZyT3hBcmc/view?usp=sharing
    - **List of historic locations around Macon**
        - No formatted data available yet
        - Unformatted data:
            - Historic locations w/ map and information: http://www.livinghistorymap.com/
            - More historic locations with information: http://www.maconga.org/about/culture-and-heritage/african-american/
    - Get feedback from users about maintenance that needs to be performed on the pieces
    - Allow public rating of the art pieces
    - Self-guiding location-based tours of the public art in Macon.

- **Android Wear app #done by John Robison**
    - **Tap the screen to increase a counter**
        - **https://play.google.com/store/apps/details?id=com.kiss.countit&hl=en**
    - Save the counts to some location
    - Allow viewing counts by day, week, month, year
    - Make some graphs and average statistics
    - Guide to get started: **https://developer.android.com/training/wearables/apps/creating.html**
    - **There's another app that does this: https://play.google.com/store/apps/details?id=com.kiss.countit**

Macon-Bibb County (w/ College Hill Alliance)

- Make a calculator for business license fees
    - https://github.com/SparkMacon/MaconBusinessFeeCalculator

        - Here are the business categories: https://drive.google.com/file/d/0B1xsgENZKmFLS0dFQzVESXl0a0U/view?usp=sharing
        - General BL (occupational Tax) is calculated at $39 per employee plus a $65 Admin fee.
        - For questions, talk to Kathy Shinholster. I can give you her contact information.
    - Startup Land Website portal
        - Get up-and-running with starting a business in Macon-Bibb county.
        - Lakey will explain more about this in the morning.
        - Graphics for the website: https://www.dropbox.com/sh/eo5h8wwz2o24z57/AAA1ZgRxVuHfCzz61I0lwJGCa?dl=0
    - Build website for Macon Land Bank Authority
        - List properties up for auction in a list & map view
        - Basically, clone this website: http://www.buildingdetroit.org/
        - We need to get with the Land Bank and get their thoughts.

SparkMacon Challenges

- A switch/trigger that when someone opens the space it announced it on all our media platforms and when we leave it says we are closed. Great Arduino/Raspberry Pi application.
    - Kyle finished this!
    - Let's create a new Twitter user that handles notifications
- A CRM for member management around membership/fees and information. -Thai-Son
    - A tool schedule system and maybe an issue reporting process.
    - Donor management and even financial management tools.
- Make our Google Calendar events post to our Facebook Page when they are created. #done
    - Then, put a link to the event on the Facebook Group.
    - Done by John and Stephen through IFTTT.
- Make a form for the SparkMacon website where interested organizations can submit ideas for hackathon challenges.

        - This could be an embeddable Google Form on the website, or a custom one. --Christine (output form done, input form needed)
    - Take on some of the ideas on the "Things I don't have time to do" board at SparkMacon.

Other Challenges

- **U.S. City Open Data Census - http://us-city.census.okfn.org/**
- **Local Digital Services Census - https://service-census.herokuapp.com/**
- **Work on Civic Issues on GitHub - http://www.codeforamerica.org/geeks/civicissues**
- **Friends of Tattnall Square Park**
    - Make a new website for them, with all the same content. The old website is at: http://friendsoftattnall.org/history/
    - We need to get with them and get more information about what changes they want. I don't want to guess.
- **SMS App for pre-screening eligibility for food stamps**
    - **https://github.com/mRelief/mrelief_snap_screeners**
    - **We need to get with the local food bank & government to see if there's interest for this.**

- Code for America Brigade's website
    - Beginner-friendly issues
    - Small design issues
    - A little more advanced
- Civic Tech Issue Finder - A page with more issues you can work on

Visionary Ideas / Inspirations

- Jennifer Pahlka: Coding a better government
- http://www.openideo.com/
- http://opengov.newschallenge.org/open/open-government/winners/
- http://www.iftf.org/focus-area/people-technology/
- http://opencityapps.org/
- Hack For LA – Dec 2013
- The People's Roadmap to a Digital New York City

- https://challenge.gov/
- http://influenceexplorer.com/
- http://www.codeforamerica.org/apps/free.html#nav-tabs

Data resources

- **http://hackforchange.org/data/**
- **http://www.open.georgia.gov/**
- **https://opendata.socrata.com/**
- **http://sunlightfoundation.com/api/**
- **http://www.data.gov/**
- **The Open Data Index - https://index.okfn.org/**
- **http://www.google.com/publicdata**
- **http://ndch.opendata.junar.com/home/**
- The Open Data Index - https://index.okfn.org/
- http://docbusinessapps.challengepost.com/
- http://www.google.com/publicdata
- Junar Open Data - http://ndch.opendata.junar.com/home/
- http://static.tti.tamu.edu/researchers/j-brooks/Census-ACS%20Master%20Index%20Files%20-%20Documentation%20and%20Users%20Guide%20v1.1.pdf
- Macon, Georgia
    - **https://communities.socrata.com/catalog/ndoch-macon/**
    - Map data - http://maconmaps.com

Tools and Resources

- http://www.gogamestorm.com/
- **http://www.tableausoftware.com/public/**
- **http://www.pentaho.com/product/data-integration**
- **https://developers.google.com/chart/**
- **http://www.programmableweb.com/apis**
- **https://www.freebase.com**

Deployment Tools

- http://azure.microsoft.com/en-us/pricing/free-trial/
- Amazon EC2 Trials
- Google Cloud
- https://www.digitalocean.com/signup/
    - promo code floss gets you $10 credit.
    - https://www.digitalocean.com/pricing/

Learning Resources

-- Learn to code! - If you want to learn to do some coding, here are some great resources for you!

- **Hour of Code - Learn to code with some tutorials for all ages. Click here to get started: http://code.org/learn**

-- Learn a little more - If you're a coder looking to sharpen your skills, check these resources out.

- Learn a new language - Codecademy
- Khan Academy CS - https://www.khanacademy.org/hourofcode
- Learn how to use version control with Git - www.trygit.com
- Practice your Python skills - http://www.checkio.org/
- Dive into learning a web framework with PHP and Laravel - https://laracasts.com/series/laravel-from-scratch

Last Updated: 6/7/2015
by @MichaelRosario

Results from Nation Day of Civic Hacking 2015(Macon)

- **Stephen Finney:**
    - Hack Sponsor: Komen Central GA
    - Challenge: Previous race participants who did not return
    - Solution: Developed/ran code on CSV to develop list of 2,971 contacts
- **James & Liz McMurran - *First Place*:**

        - Hack Sponsor: Peace Corps
        - Challenge: International Travel Guide
        - Solution: Developed website and app that delivers information on travel restrictions
- **Michelle Tomyn & Joe Smith - *Runners Up:***
        - Hack Sponsor: Communities In Schools Initiative - Central GA
        - Challenge: Web-based vocabulary cards that can be utilized by students and tracked by teachers
        - Solution: Presentation of currently available options and preliminary code development for tracking of student progress
- **Michael Rosario:**
        - Hack Sponsor: SparkMacon
        - Challenge:
            - Receiving of community challenges year-round
            - membership management system
        - Solution:
            - Google form
                - https://docs.google.com/forms/d/1LGo6bzOCwrqQPAP5dIpw3XXEhT1qJd--USaEVX741Os/viewform
            - Customized Sugar CRM platform

App for students to go over their words with flash cards

Students of all ages need to go over their assigned list of vocab words, and we need an app for them to review them.

Features:

- Web Application (if you have time, make it responsive)
- One-sided or two-sided support
- Text-to-speech for the words
- Teachers assign out a batch of cards for a given period of time
- Teachers can see reports of each student's progress
    - Weekly email of who has signed in, how they are doing, etc.
- Teachers can see analytics for all students and averages per word/assignment

Potential solution: Anki