



# HEALTH MONITOR ANALYTICS

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# FEATURE & REVIEW

- **PerCapita Map** with weighted tweets based on population density.
- **Competitive game**: active people gain points via # of tweets with time.
- **Interactive map**: shows tweets via types of activates.
- **Activities recommendation** based on both weather and tweets.
- **CalorieMeter**: tracking apps & devices tweets.
- Getting the data from twitter.
- Save the data in the MongoDB.
- Represent the twitter data into google map after saving it in MongoDB.
- PerCapita Map for Discrete group of large cities.
- Create the game system for the states based on the tweets from the database and store them in the database.
- Accurate Analysis of the problem (Accurate Data) TweetChup

# WHAT WE IMPROVED

- **Data Analysis**
  - Locator: get more geo-coordinate information from twitter
- **PerCapita Map:**
  - PerCapita Map for Continuous US (All Towns)
- **Competitive game:**
  - Test everything and display it on the web site
- **Interactive map:**
  - Recognize each type of activities to represent popular ones in the map
- **Activities recommendation:**
  - Add the weather API and Show the popular activities based on Interactive map
- **CalorieMeter**
  - Calculating Calories + Visualizing them in site

# CalorieMeter

- Google Fit, Microsoft Band, etc... (Many Apps + wearables)
- Innovation?
- Accurate Analysis of the problem (Accurate Data) TweetChup (Done)

- Calculating Calories + Visualizing them in site

+-----+-----+	
Word	Count
+-----+-----+	
calories	200
#LoseIt	200
I	200
spent	200
burned.	199
minutes	171
walking.	57
doing	54
30	42
1	39
+-----+-----+	

"I spent 10 minutes doing aerobics. 40 calories burned. #LoseIt",  
"I spent 30 minutes rowing a rowing machine. 229 calories burned. #LoseIt",  
"I spent 30 minutes walking. 60 calories burned. #LoseIt",  
"I spent 20 minutes cleaning. 46 calories burned. #LoseIt",  
"I spent 40 minutes on an elliptical machine. 658 calories burned. #LoseIt"

THANK YOU!