WaveData is based on two things:

Marketplace where organizations (universities/hospitals/pharma) can create a clinical trial and also get data from the people that join the clinical trial

App that people will use during the clinical trial, get recommendations in which trials they can participate and get credits/vouchers.

To give people recommendations in which trials they can participate we use the open standard FHIR (Fast Healthcare Interoperability Resources).\* Based on the medical records WaveData analyzes in which trials the person can join and can add value.

WaveData connects people who want to help with medical researchers who need data. The biggest difference with existing platforms is that we approach the problem from the side of the people who want to help cure a disease. WaveData has 2 roles: Organizer and users/patients.

With the WaveData marketplace the organizer can create their trials and surveys and set the questions, rewards etc. With the WaveData app, people can download a user-friendly app to survey and join trials.

WaveData helps each user and organizer to keep touch every day. On WaveData the organizer can check how many people have contributed and what their answers are. WaveData provides chart analysis options for the organizer to keep updated with better understanding.

WaveData supports amazon buy, gift card, credit card to withdraw and deposit.

For wavedata we are using TigerGraph to store user’s details, trial details, Rewards details (for each Trial), Survey, Audiences, Contributors and retrieving those in website and mobile app. And we are making queries, so we can use those by endapi in our website and mobile application.

Our TigerGraph cloud is hosted/subscribed on google cloud platform. Graph url https://wavedata.i.tgcloud.io/ And the user is WaveData. We have over 25+ queries that we are using. And this graph cloud type is TG.C4.M16.

Our cloud graph details:

Instance Type:TG.C4.M16

Disk Size per Node:50

Current disk volume:50 GB

Storage price:$0.02 / hour

Backup price:$0.15 / hour

Graph Studio url https://wavedata.i.tgcloud.io/

And the user is “WaveData” for Editor Queries, vertex, Load datas. WaveData is using over 25+ queries . And over 5+ vertex.