satisfeed

Sprint 3

Elizabeth doss - Data analyzer, Client Liaison
Caleb Cedeno - Project Manager, Visualizations
Damaris Montecinos - Data modeler, Project Documenter

Satisfeed

13% of people in North Georgia turn to food pantries and meal service programs.

14% of Gwinnett's population live below the poverty line.

20% of children in Gwinnett County are food insecure.

- Gwinnett County based foodbank
- Weekly food distributions
- Fill in summer gaps for children

Technologies

🚀 **Google Colab** - Cloud-based Jupyter notebook environment for coding and collaboration

🐍 **Python** - Core programming language for data processing and analysis.

🔗 **GitHub** - Version control and collaboration for code management.

📊 **Power BI** - Data visualization and dashboard creation tool

Team plan

📅 Sprint 1 - Due: 02/05

- 📌 **Collect Data** 📥
  📌 **Clean Data** 🧹

📅 Sprint 2 - Due: 03/24

- 📌 **Analyze Data** 📊

📅 Sprint 3 - Due: 04/24

- 📌 **Visualize Data** 📈
  📌 **Create Dashboard** 🖥️

Dashboard

Complete embedding process on Satisfeed website (working in conjunction with Thanh)

Feed data live from Satisfeed database? Would require permissions and additional research

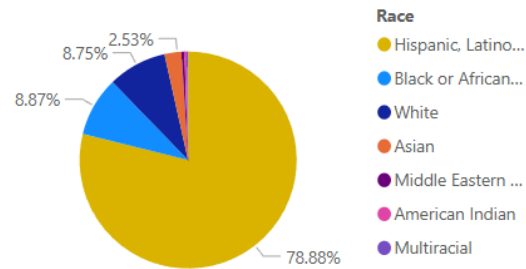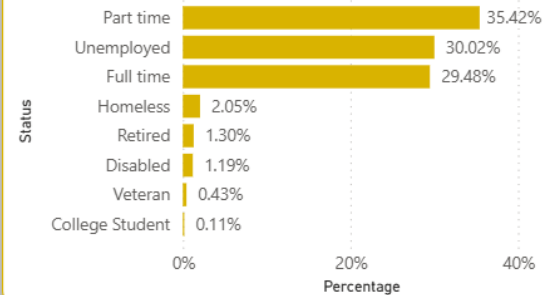Being able to plug-in data in real time for the "lbs of Food Served" card
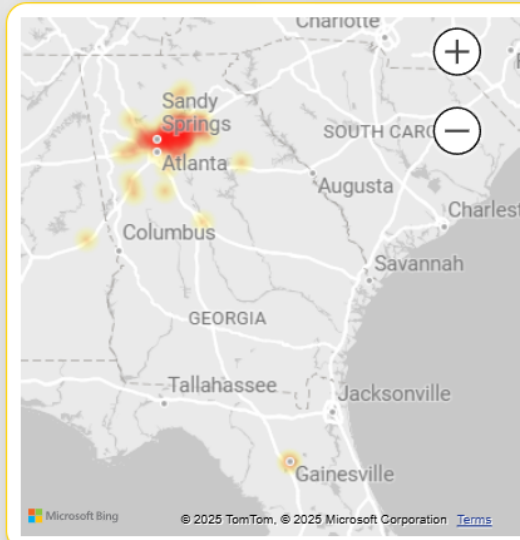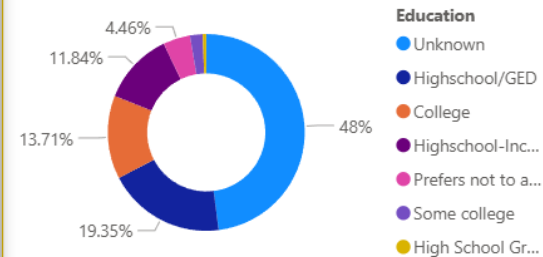
Future Work

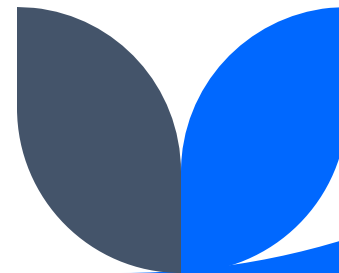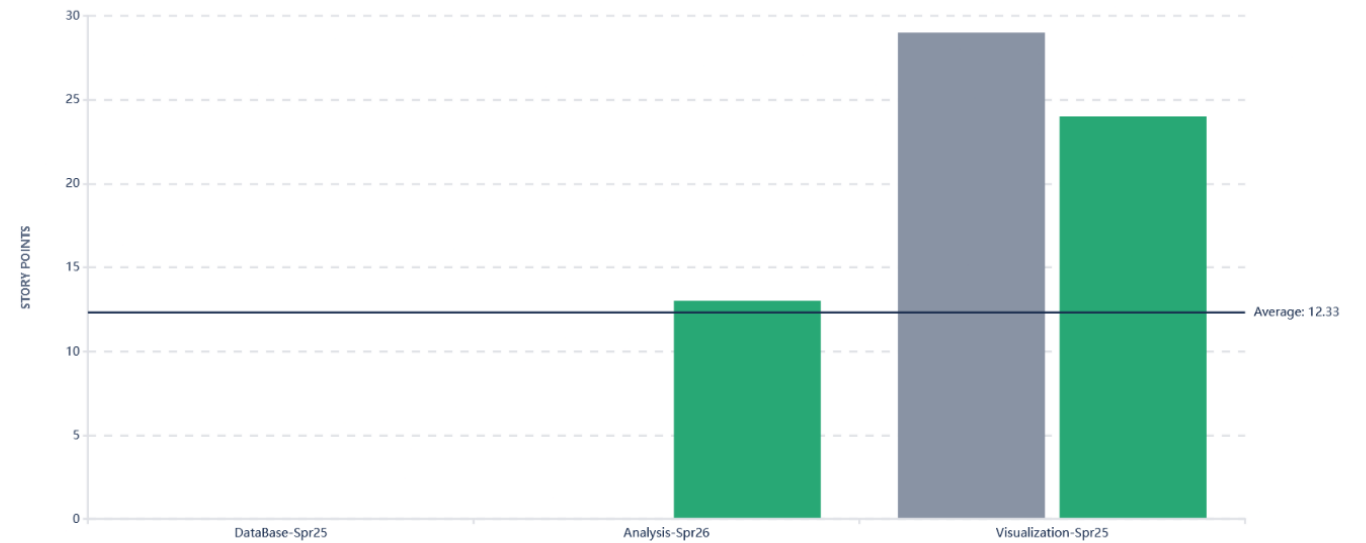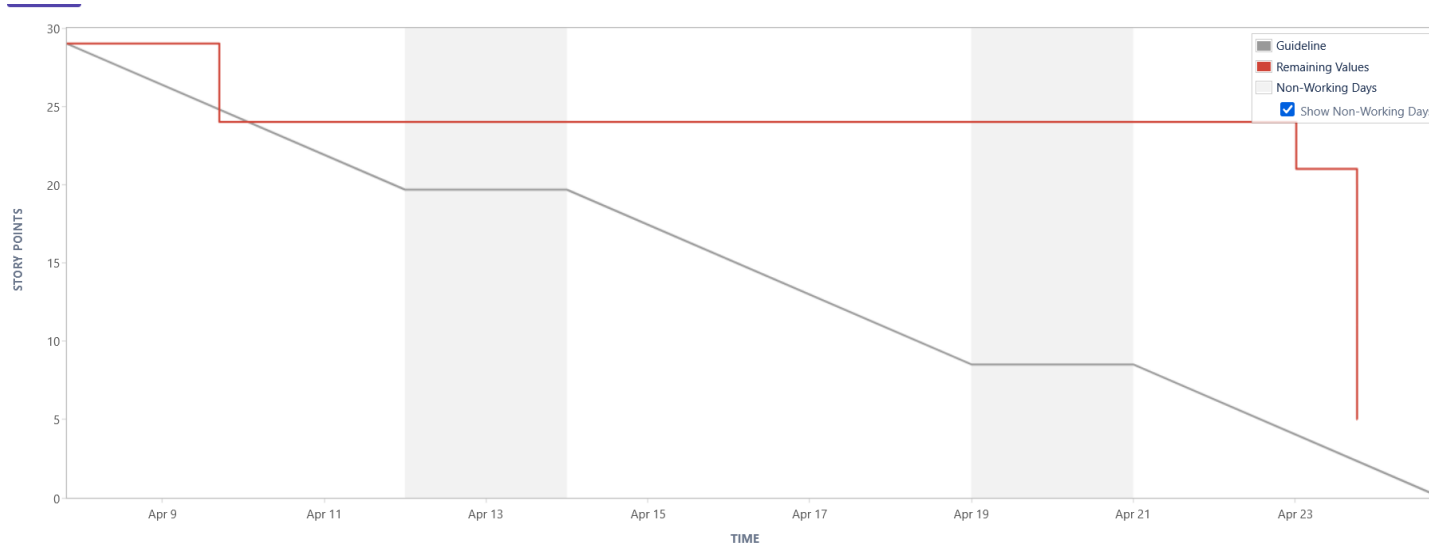Refinement of Zip Code Data and attempt to "geolock" visualization

Integration of weekly Food Weight Data

Final dashboard going live on the web!

Burndown and Velocity Chart

Role Reflection

- Documentation - Damaris :Creating end of semester report for class & client

- Analyzer - Elizabeth: Creating results using ML/AI/Stats

- Visualizer - Caleb: Dashboard Creation and Optimization with 1-to-1 visuals of the notebook.

Performance Overview:

- Sprint 1: Cleaning our data and gathering data; Data gathered and provided by client, and cleaned/scrubbed by the team.

- Sprint 2: Analyzing our data, creating plots; Initial visualizations on notebook using python to later be replicated on dashboard.

- Sprint 3: Visualizing our data, we created a dashboard for our client that replicated the notebook.

- We have met many of the requirements that Satisfeed asked for: Creating dashboard to visualize client demographics and service usage statistics

  - What remains to be done is what is in our future work

Thank you!!

Team Satisfeed