



UMD Campus Pantry Restocking

Big Data Energy



Client Overview

Over 20% of UMD students identify as food insecure. Founded in 2014, the UMD Campus Pantry serves students, faculty and their families by providing food and the support they need so that no Terp stays hungry. Since 2014 the Campus Pantry has served 2,700 clients over 8,500 visits.

Goals and Objectives

1. Find out who the Campus Pantry serves.
2. Find trends in the Campus Pantry Data.
3. Compare to the campus-wide food insecurity study.
4. Provide recommendations for tracking moving forward.

Data Collection Recommendations

Phase 1 (1-2 year period)
The Campus Pantry should change its survey form so that every question has a standard answer. This will help data analysis in the future.

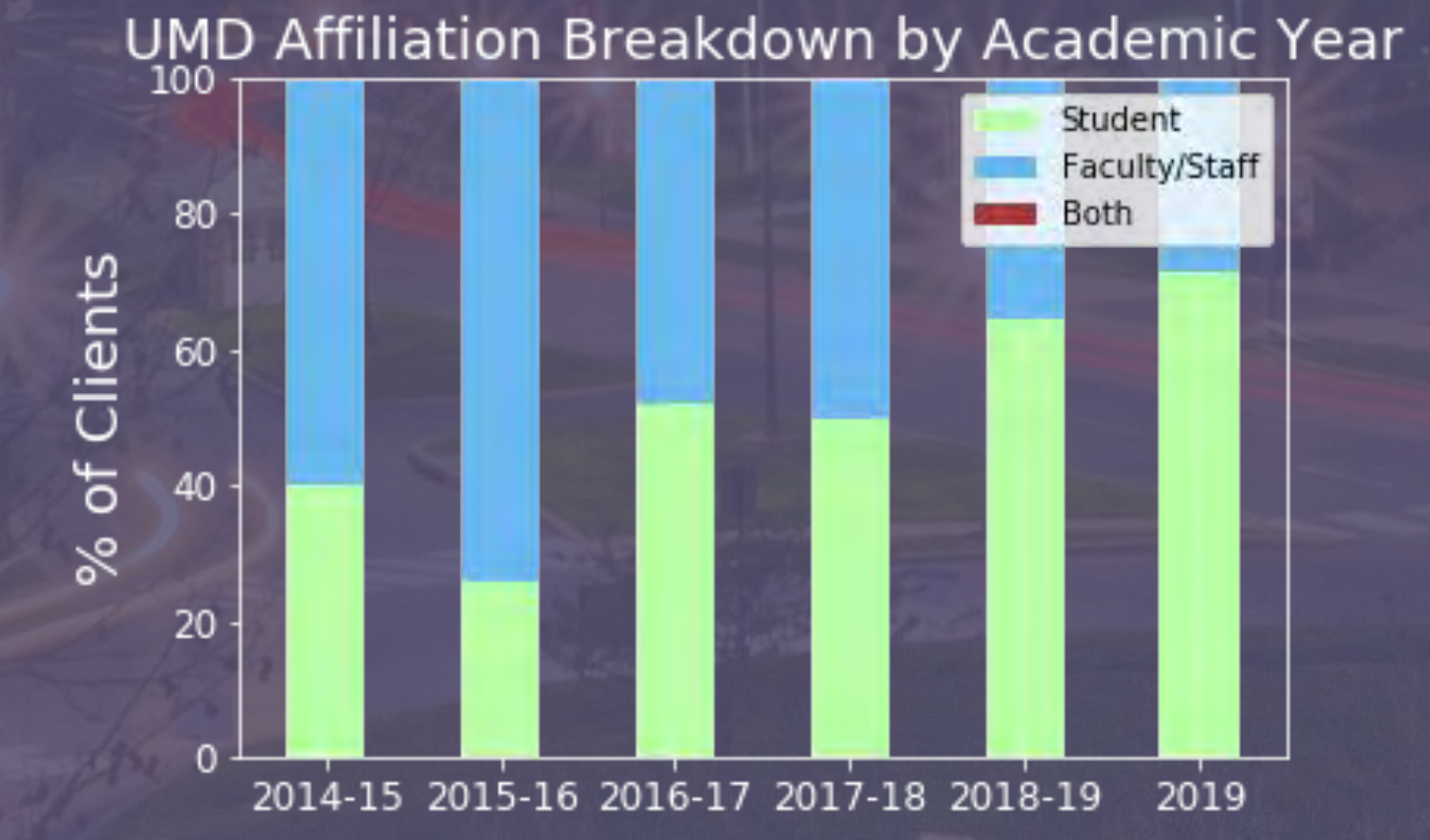
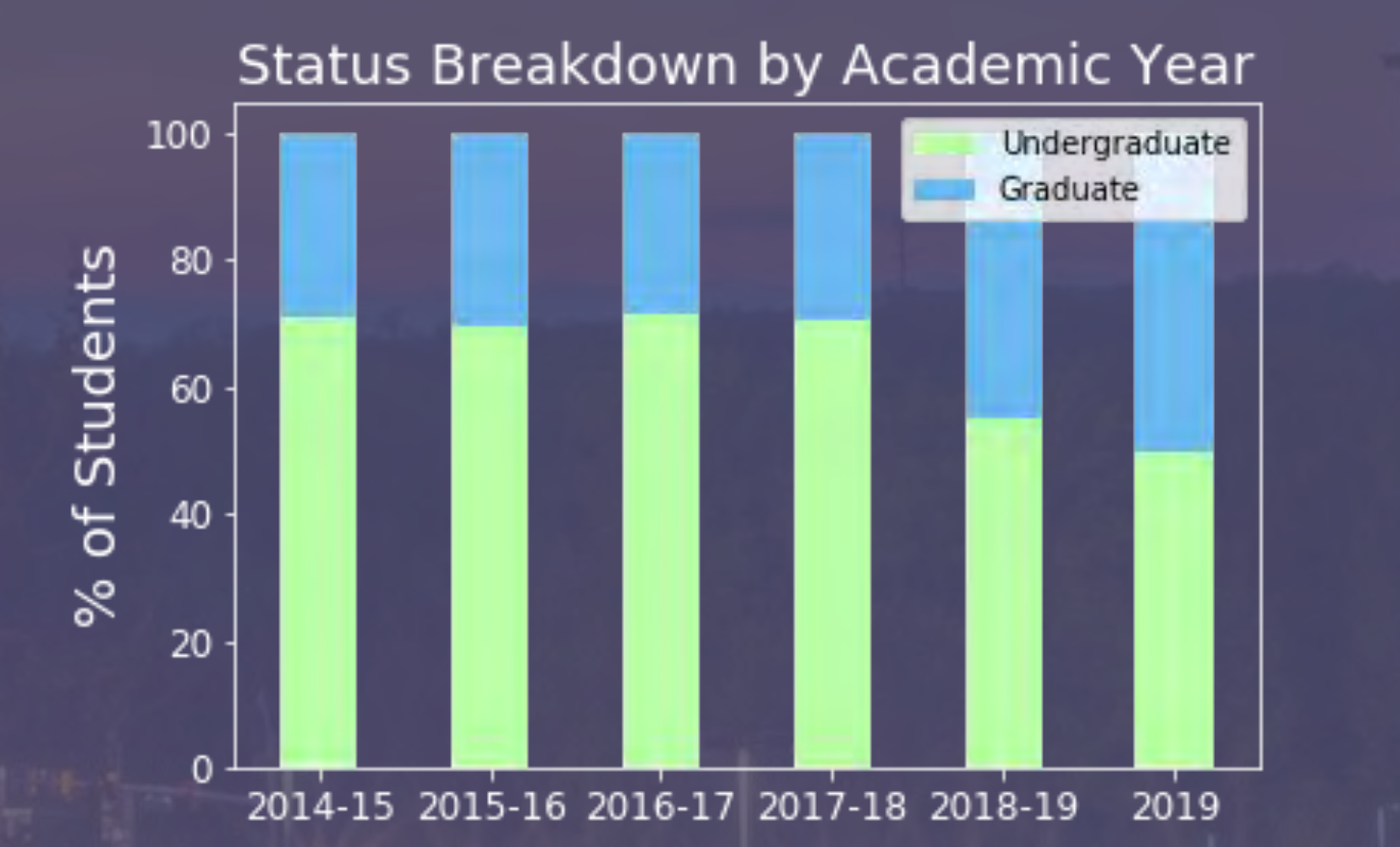
Phase 2 (2-5 year period)
In order to help the campus pantry better track time-series data and better track trends each semester, they should integrate a swipe or QR code system.

Who does Campus Pantry Serve?

Campus-Wide Food Insecurity Study		
	Study Data	Pantry Data
Undergraduate student	65.2%	61.05%
Graduate student	34.8%	38.95%
Female	73.9%	68.80%
Male	21.7%	28.10%
Other	4.3%	3.10%
Asian/Asian American	39.1%	28.80%
Black/African American	17.4%	33.70%
Hispanic/Latino	17.4%	26.30%
White	43.5%	6.70%
Other	26.0%	4.50%

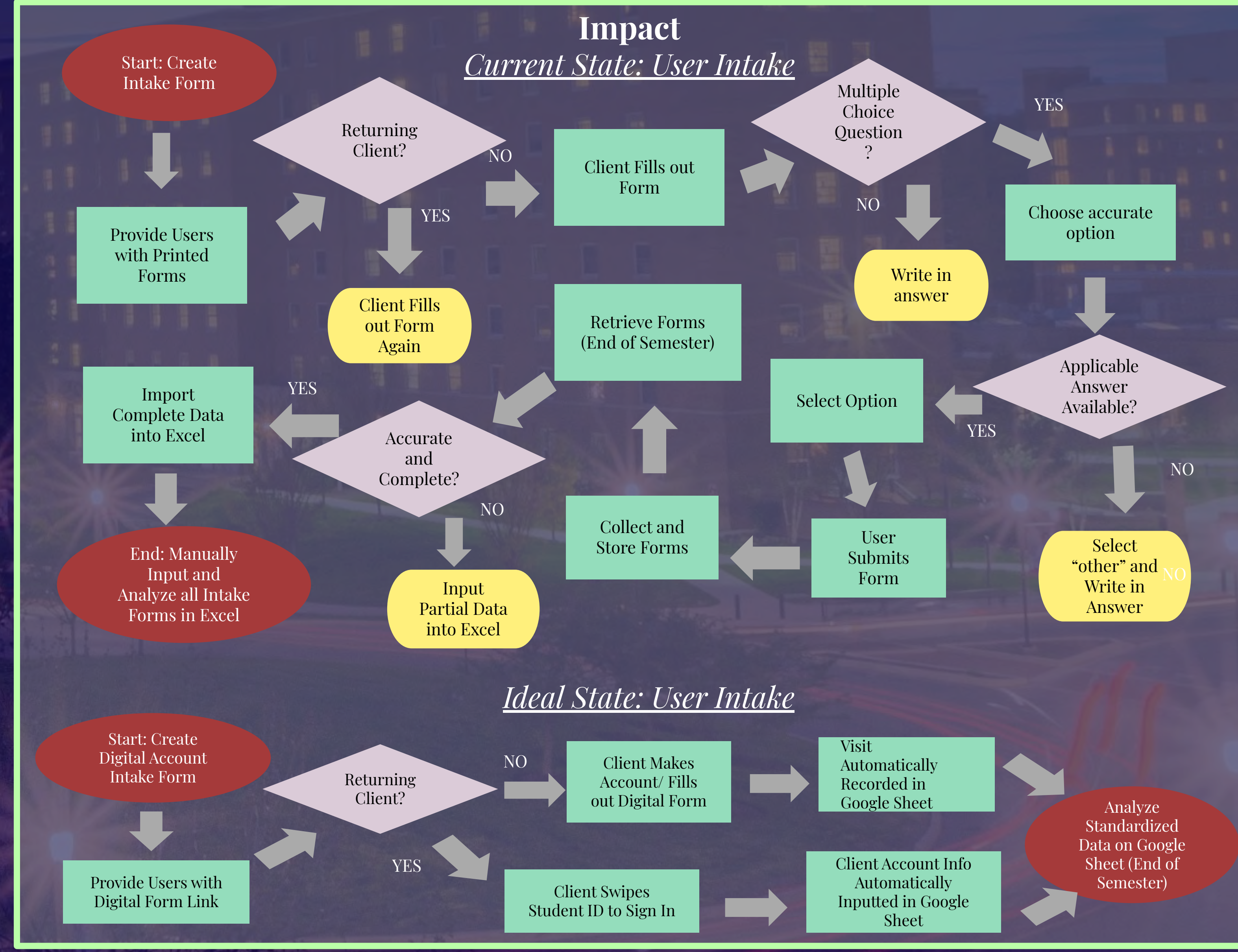
Main Client Demographics (K-Mode Analysis)			
Cluster Size	66%	13%	21%
Race/Ethnicity	African American or Asian	Hispanic, Latino, or Asian	Hispanic or Latino
Gender	Female	Male	Female
UMD Affiliation	Student	Faculty/Staff	Faculty/Staff
Number of Dependents	0	0	1-2
Distributions Attended	1-3	4-6	1-3

Trends Since 2014



Other Significant Trends:

1. Downward trend in percent of African-American or Black and Hispanic or Latino clients
2. Steep upward trend in percent of Asian clients
3. Undergraduate clients are more likely to be upperclassmen



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