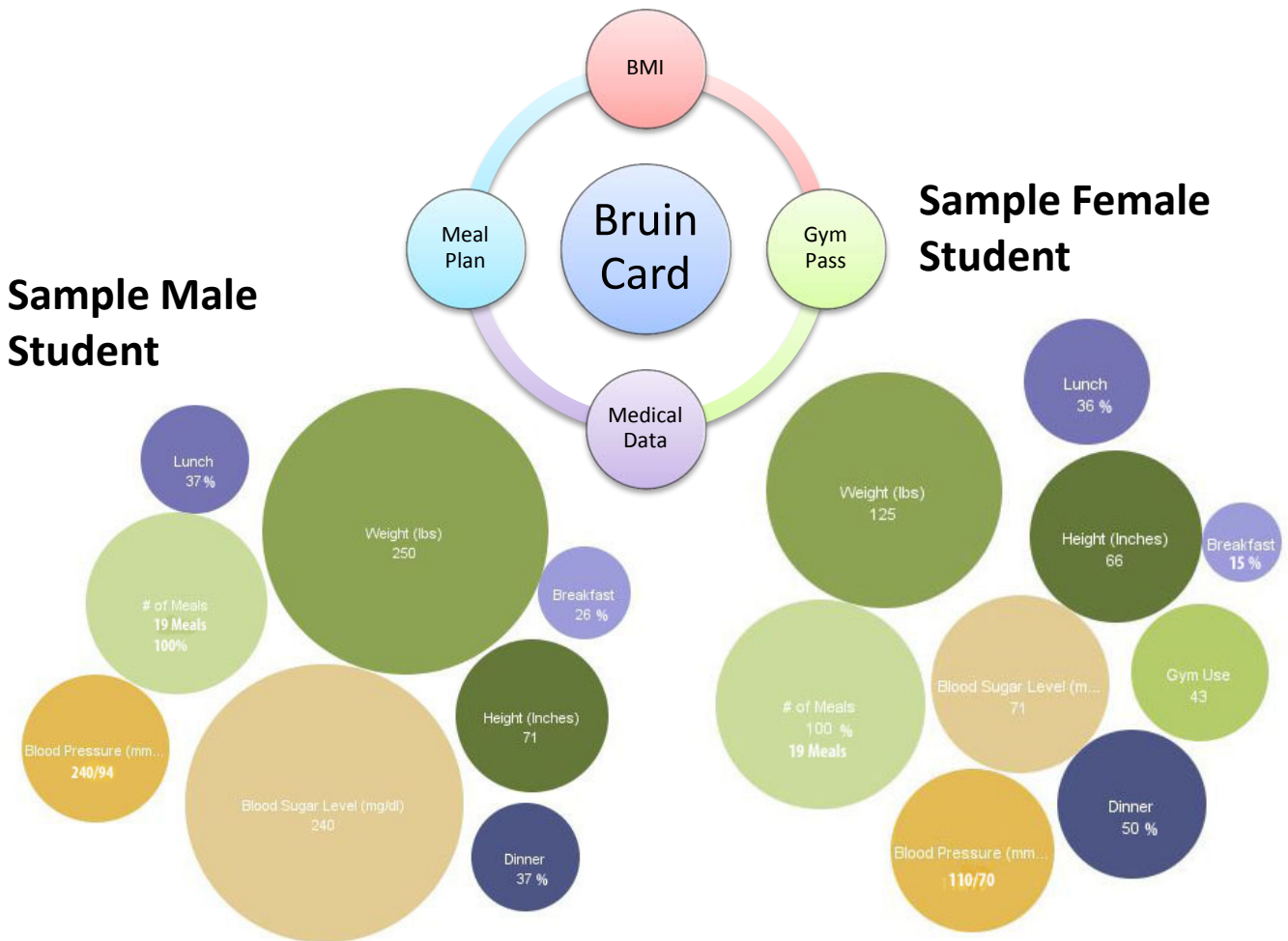


The Food Coach: A Data Visualization



The Food Coach will leverage multiple sources of data (a student's meal plan information, their daily exercise derived from their gym attendance, BMI, and medical history) aggregated from one source: The University ID Card. When combined with data collected from weighing scales in the floors of the cafeteria to determine a student's approximate BMI, the Food Coach may determine a course of food action and whether to reward or submit repercussions accordingly to each student. The following sample student data visualizations for a one week time period showcase the various types of data that may be aggregated to a student's university account: from the amount of meals and when they utilize their meal plan to daily exercise activity, as well as medical information such as height and blood pressure. The Male Student on the left has High Blood Sugar, High Blood Pressure, is overweight, and never attends the gym. He may be subjected to strict dietary rules, while the Female Student on the left is within appropriate health levels for her weight and height, while exercising three times a week. She would be given more meal options and guidelines for eating a healthy breakfast, since she rarely attends that meal. All of this information may be personally accessed by the student through their account and adjusted accordingly for health goals, issues, or activities, like athletics or a gluten allergen.