Principal Component Analysis- Anderson Cancer Center

This project involves the implementation of PCA techniques to identify essential variables for securing donors. The tasks include loading the dataset, removing Id columns/NA rows, converting characters to numeric, standardizing the numeric data and performing PCA.

There is a separate script for the Logistic Regression Model, kindly print the script to view the result.

**Requirements:**

RStudio version 4.4

Microsoft package for unzipping

**How to Use:**

Load the file by clicking the link to the GitHub repository.

**Explanation:**

1. Run the script to display the Breast Cancer dataset and Cancer data.
2. Visualize the PCA of the Breast Cancer Dataset.
3. Run the bonus script to print the logistic regression model.
4. Packaging: The code and README file are packaged into a zip file.
5. Github link: https://github.com/Shonepet/BAN6420-Module-5-Milestone-2-Assignment.git