# Healthy Fast Foods: KMeans and Visualization

**Description:** In this project, I explored healthy fast foods and clustered them into three groups based on calorie count. Using these clusters, I identified the healthiest fast food category. This will help people avoid harmful fast foods.

**Achievements:** Bronze Medal [Medal] | 4,604 Views [Views]

# Cancer Prediction with 98% Accuracy

**Description:** This project focuses on image processing and the construction of a CNN model to predict cancer with 98% accuracy. I also analyzed the models performance metrics.

**Achievements:** Bronze Medal [Medal] | 1,621 Views [Views]

# Pneumonia Detection with CNN and ML with 98% Accuracy

**Description:** I trained a CNN model using 17,000 X-ray images to build a model for pneumonia detection. The project includes a website for easy interaction with the model.

**Achievements:** Bronze Medal [Medal] | 2,000 Views [Views]

# Stress Identification: NLP with Best Prediction

**Description:** This NLP project covers the entire process from EDA, text processing, regex operations, TF-IDF, and BOW to model training.

**Achievements:** Bronze Medal [Medal] | 2,710 Views [Views]

# Activity Monitoring System Prediction - EDA

**Description:** This project involves handling an imbalanced dataset for activity prediction. I explored techniques like undersampling, oversampling, and synthetic minorities. However, due to the low data for labels like stair descending and stair ascending, I avoided these techniques to prevent data loss and overfitting. The model is suitable for elder activity tracking, potentially deployable on hardware like Raspberry Pi.

**Achievements:** Bronze Medal [Medal] | 680 Views [Views]

**Suggestions:** Try the imbalance handling techniques mentioned in my notebook and share your results in the comments.