Capstone 3 Ideas

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Idea One Breast Cancer

Use machine learning and the Breast Cancer Wisconsin data set from UCI to determine if a breast cancer image is benign or malignant. Features are computed from a digitized image of a fine needle aspirate (FNA) of a breast mass. They describe characteristics of the cell nuclei present in the image.

Idea Two Poverty Rate by Education

Statistics that show the poverty rate in the United States among all people in 2019, by education. In 2019, about 3.9 percent of the people with a Bachelor's degree or higher were living below the poverty line in the United States. Data source: https://www.statista.com/statistics/233162/us-poverty-rate-by-education/

Idea Three U.S. Home Sales

Statistics that show the number of existing homes sold in the United States from 2005 to 2019, and a forecast thereof for 2020 and 2021. In 2019, around 5.34 million of existing homes were sold in the United States. Data Source: https://www.statista.com/statistics/226144/us-existing-home-sales/