TITLE: Using Tableau as a Data Visualization Tool to Explore Reoccurring Cancer Trends

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Abstract: Cancer has touched the lives of millions for over a century. Numerous organizations have cooperated in research and fundraising in order to find a cure for cancer. An analysis of the various trends in cancer is evident in order to investigate the decline of cancer in recent years. To provide a clearer understanding of the different trends, the data visualization software, Tableau, was used to help visualize the data presented. We begin our investigation by comparing the diagnosis rates of various cancer types in men and women. After, we broaden our scope of time frame in cancer deaths by analyzing death rates from the year 1930 to 2015 in the top cancer case types. After investigating cancer in adults, we will examine the different cancer types and the respective diagnosis and death percentages of children and adolescents. Then we further our perspective by looking at cancer cases by state, and concluding our investigation by looking at the percentage of people per country who have died of cancer.