Logo

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Cancer is one of the most diseases that cause death around the world, more than 9.5 million people died of cancer worldwide in 2018 only.

It starts when the cell of an organ starts to grow out of control in any part of the body and then spread to other areas of the body.

There are differences between childhood cancer and adult cancer, childhood cancer is less common than adult cancer. In the U.S, only 1% of cancer cases for children under 19 years old

In an adult, cancer is usually related to lifestyle or poor diet, but in children, the causes of cancer are still unknown.

Although, every year around 400,000 children between 0 – 19 old is diagnosed with a different type of cancer.

The most common types of childhood cancers include leukemias, brain cancers, lymphomas and solid tumours, such as neuroblastoma and Wilms tumors.

In high-income countries, where comprehensive services are generally accessible, more than 80% of children with cancer are cured but In low- and middle-income countries, an estimated 15-45% are cured, that because the lack or delayed of diagnosis.

In this project, I will build a model to determine which kind of cancer cause most death in children of age 0- 19 and is there any relation between gender and the number of deaths.

I will use dataset from “ **data.world** “, the dataset contain **7** column and **327067** row.

The dataset present the count of death, treat patients,

Group of age , Gender, Races, type of cancer and Collection Starting Year.

References:

<https://www.johnsnowlabs.com/marketplace/cancer-types-grouped-by-age/>

<https://www.winchesterhospital.org/health-library/article?id=30409>

<https://www.cancer.org/cancer/cancer-in-children/differences-adults-children.html>

<https://www.webmd.com/cancer/guide/cancer-incidence-age>