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Lung Cancer Smoking Pr

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UK

i want work on the deaths by lung cancer due to smoking as data science project, give me soem step to follow

Sure! Here are some steps you can follow to work on a data science project on deaths due to lung cancer caused by smoking:

1. Data Collection: Start by gathering data on lung cancer deaths caused by smoking. You can use publicly available datasets from various sources such as the World Health Organization (WHO), the Centers for Disease Control and Prevention (CDC), and the National Cancer Institute (NCI). You might also want to consider supplementing these datasets with data from other sources, such as academic studies and reports from healthcare organizations.
2. Data Cleaning and Preprocessing: Once you have collected your data, you will need to clean and preprocess it to ensure that it is in a format suitable for analysis. This might involve removing missing values, dealing with outliers, and transforming variables as necessary.
3. Exploratory Data Analysis: Next, you will want to explore your data to get a better understanding of its structure and patterns. This might involve creating visualizations, such as histograms, scatter plots, and box plots, to help you identify relationships between variables and patterns in the data.
4. Data Modelling: Once you have a good understanding of your data, you can start building models to predict the number of deaths due to lung cancer caused by smoking. You might consider using regression models, such as linear regression or logistic regression, or machine learning algorithms, such as decision trees or random forests.
5. Model Evaluation: After building your models, you will need to evaluate their performance to determine their accuracy and suitability for your problem. This might involve calculating metrics such as mean squared error (MSE) or accuracy, and comparing the results of different models.
6. Model Deployment and Interpretation: If your models perform well, you can deploy them to make predictions and provide insights into the relationship between smoking and lung cancer deaths. You will also want to interpret the results of your models to understand the factors that contribute to lung cancer deaths, and make recommendations for preventing such deaths.

Note: This is a general outline and you might need to adjust the steps to suit the specific needs of your project.

UK

can you direct me to the who, CDC or other webiste for data with links

Request timed out

Sure, here are a few websites that you can use to obtain data for your project:

1. World Health Organization (WHO): WHO provides a variety of data related to health, including data on deaths due to lung cancer. You can find this data on the WHO website at the following link: https://www.who.int/health-topics/lung-cancer#tab=tab_1
2. Centers for Disease Cont

Regenerate response

ChatGPT Jan 30 Version. Free Research Preview. Our goal is to make AI systems more natural and safe to interact with. Your feedback will help us improve.