

Predictive Analytics MGS 616 Group Project

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Objective

What is the likelihood of death by a communicable/non-communicable disease among the most populous countries?

Description

Using various open data sources that contain yearly country-wise data on population growth, GDP, Funds allocated to the health sector, life expectancy, etc., we try to identify any striking trends and patterns that help us predict the likelihood of top causes of death among the most populous countries in the world. Predicting a communicable disease can help scientists to expedite research and development of required vaccinations and the government to plan healthcare logistics early on. In the case of non-communicable diseases, the prediction could help the government to conduct awareness programs among the public, allocate a well-calculated healthcare budget, implement strict food safety guidelines, etc.