A Python Notebook for Analysis on Medical Data

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Abstract: *This python notebook uses the libraries present to analyze the medical data and form various data diagrams that help in the better visualization of the data which helps in better visualization that leads to better decision making. This data is primarily about availability of beds and hospitals in rural and urban areas across India. It is useful tool for the government to know about the facilities and increment them based on the data during the recent pandemic time. It will come in handy in the future also during any disasters, pandemics etc. This application visualizes different data in different forms such as pie charts, bar graphs and geographical visualization with data. It can display the sorted values and can show the state or UT that is first in the provision of the medical facilities to the people. The notebook can be used to track the major diseases and there expansion among the people in the particular disease prone areas. This application may also be used to expand beyond the limitation of beds and hospitals to medicines, equipment, specialist doctors and other facilities in the hospitals.*

Keywords: Medical Data, Data Visualization, numpy, pandas, sklearn, plotly libraries.

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