

Unlocking the Future of Healthcare: A Data-Driven Exploration

In the complex landscape of the U.S. economy, healthcare spending stands as a crucial indicator of financial health and societal well-being. As personal consumption of healthcare services continues to evolve, understanding these trends becomes imperative. This project aims to analyze the shifting patterns of healthcare consumption over time and forecast future expenditures through 2024, providing valuable insights for policymakers, insurers, and healthcare providers.

With healthcare expenditure impacting millions, the findings will guide resource allocation, ensure the sustainability of healthcare systems, and prepare stakeholders for anticipated changes in demand. By leveraging advanced analytical methods, including moving averages, this analysis seeks to illuminate the interconnectedness of various healthcare sectors, such as outpatient services, physician services, and nursing home care.

The resulting deliverable will serve as a comprehensive analysis that informs strategic decision-making in the healthcare sector, addressing a pressing need for accurate trend analysis in an ever-changing environment.

To explore the project further, access the repository here:

<https://github.com/Sabrina-Hendricks/DS4002-CS3>