

# Visualizing Google Sheets Data in Web Applications with Laravel

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**Abstract:** *The study presents the design implementation of visualizing Google Sheets data in web applications using the Rapid Application Development (RAD) approach. It focuses on integrating Google Sheets data seamlessly into a web application using the Laravel PHP framework and employs effective data visualization techniques. Real-time data access is achieved through the integration of Google Sheets API, while the Google Maps API and High charts Library enabled interactive and informative data visualizations. The result is a user-friendly web application, empowering users to explore data insights and make well-informed decisions with ease*

**Keywords:** Google sheets, data visualization, laravel

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