

A Tableau Tool for an Climate Changes and Environmental Impact

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Abstract: Climate change is one of the most pressing global concerns, affecting ecosystems, economies, and human well-being. It is primarily driven by greenhouse gas emissions, deforestation, industrial activities, and unsustainable consumption patterns. This project leverages Tableau Software to visualize climate trends, analyze CO₂ emissions, temperature variations, extreme weather patterns, and environmental degradation, and propose data-driven solutions to mitigate climate change effects. The goal is to create interactive, easy-to-understand dashboards that can assist researchers, policymakers, and environmental organizations in assessing climate risks and implementing effective policies.

Keywords: Climate Change, Environmental Impact, Tableau Analytics, Global Warming, CO₂ Emissions Sustainability, Data Visualization.

