**The Complete Project Journey**

**From Data to Decision: An Analysis of Colombia's Macroeconomic Landscape**

This project sought to answer a fundamental question: What are the primary forces driving the Colombian economy? By leveraging public data and a structured analytical process, we moved from raw information to actionable, data-driven recommendations for the nation's policymakers and foreign investors.

**The Discovery Process:** Our journey began by collecting raw economic data on everything from GDP and exports to inflation and interest rates. The initial challenge was processing this information, as it came in different frequencies (monthly, quarterly, annual). We successfully harmonized all data into a single, consistent quarterly timeline, creating a solid foundation for analysis.

**The Analytical Findings:** The analysis phase uncovered a clear and compelling narrative. Visually, we identified two core stories: the steady rise of domestic costs (inflation, housing) and the volatile, unstable nature of economic growth. Statistically, we confirmed that **Colombia's GDP is critically dependent on its export sector**. Our regression model was able to explain **79.2%** of the changes in GDP, with exports having the most significant positive impact and rising interest rates acting as a brake. Furthermore, we proved a predictive link between interest rates and future inflation, but with a significant 9-12 month delay.

**Actionable Outcomes:** These insights were not merely academic. They were translated into a strategic framework for action. For policymakers, the key recommendation is to pursue **economic diversification** to reduce vulnerability from export dependency. For investors, the imperative is to actively **manage currency risk**, which our analysis identified as a dominant market feature. The project concluded by establishing a set of key performance indicators (KPIs) to monitor the success of these recommendations, ensuring a continuous cycle of data-informed decision-making. In essence, we transformed abstract data into a clear roadmap for building a more resilient and prosperous Colombian economy.