A white text on a purple background

Description automatically generated

**2023 AGA Datathon Abstract Submission**

Team Name:

Hackerz

Team Members:

Vedant Kamat

Sai Manohar Beeraka

Amoghvarsh Kulkarni

Application Name:

Optimizer

Application Summary:

Application for dynamic fund allocation, leveraging cutting-edge algorithms to analyze economic indicators' time series. Efficiently optimize fund distribution, ensuring precise resource allocation for maximum economic impact, diversity, equity, inclusion, and community development. Enhance decision-making with real-time data insights, fostering sustainable growth, stability, and adaptability in diverse sectors

50 words or less

Application Abstract:

250 words ma

In an era marked by complex economic challenges and an ever-changing landscape, effective and equitable distribution of funds is crucial for fostering sustainable growth and promoting inclusive development. Optimizer represents an application to analyze intricate time series data of key economic indicators. This tool aims to improve the fund allocation process, ensuring that resources are efficiently channelled to areas that can yield the maximum impact on the economy, while also addressing crucial aspects of diversity, equity, inclusion, and community development.

By integrating dataset given in data.gov and employing robust analytical techniques, Optimizer enables decision-makers to make informed and data-driven choices, considering various economic indicators and the specific needs of communities. It provides a comprehensive platform for policymakers, financial managers, and stakeholders to optimize fund distribution in a manner that fosters not only economic prosperity but also social justice and community well-being.

The application's user-friendly interface allows for monitoring of key economic trends, enabling timely adjustments to resource allocation strategies. Its adaptive framework empowers users to respond promptly to emerging challenges and opportunities, ensuring that diverse sectors receive the necessary support for sustainable growth. With its emphasis on inclusivity and community development, Optimizer serves as a catalyst for fostering a more resilient and equitable economy, where every segment of society can thrive and contribute to the overall progress.Top of Form

**A blue and orange logo

Description automatically generatedPlease send completed form to** [**sfritzlen@agacgfm.org**](mailto:sfritzlen@agacgfm.org) **by Noon October 24, 2023.**