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**2023 AGA Datathon Abstract Submission**

Team Name:

Team BWG

Team Members:

Greg LeVay, Nico Oshiro, John Bricker

Application Name:

DEIA Contracting Analysis

Application Summary:

Our team created a Rshiny application which allows the user to visualize federal contracting allocations on a state and agency level. This interactive application analyzes how well an entity meets DEIA standards by examining federal contracting allocations for set aside designated groups such as veteran-owned, women-owned, and minority-owned businesses.

50 words or less

Application Abstract:

In the pursuit of fostering diversity, equity, inclusion, and accessibility (DEIA) within local communities, our Datathon research project examines the allocation of federal contracts to various designated groups such as woman-owned, veteran-owned, and minority-owned businesses. Federal contracts are earmarked for these specific designated groups, as part of government initiatives aimed at promoting DEIA in economic opportunities. These set-aside funds aim to ensure that a certain percentage of government contracts are reserved for these underrepresented groups. This study analyzes the equitable distribution of federal funding across states and agencies, scrutinizing the allocation process to understand its implications on underrepresented communities.

By employing advanced data analytics and data visualization techniques, our team examines the allocation patterns of federal contracting, specifically looking at how these resources are disbursed among different designated groups. Through a comprehensive comparative analysis, we assess the effectiveness of federal programs in promoting DEIA objectives. The project focuses on identifying disparities and highlighting best practices within the allocation framework. The goal of this research is to provide invaluable insights for policymakers, government agencies, and community stakeholders. By highlighting existing disparities and successful strategies, our findings will facilitate evidence-based decision-making processes.

250 words max

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