

## **Shark Attack Data Analysis Project**

*Team Name: CA11\_DAT1\_G7e\_The Avengers Team*

### **Team Members**

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### **Project Description (Brief Overview)**

As the world's oceans face unprecedented threats from climate change, ocean acidification, and pollution, it is essential to understand the impact of these changes on shark behavior and human-shark interactions.

Our comprehensive analysis of global shark attack data reveals critical trends and patterns that inform evidence-based policies and practices for improving public safety and promoting a responsible coexistence with marine life.

Our analysis identifies Australia, the USA, and South Africa as the primary regions affected by shark incidents, with White, Tiger, and Bull sharks being the species most frequently involved. Furthermore, the findings underscore the urgent need for targeted water safety education, particularly among teenagers and young adults, as well as the development of protective gear to mitigate injury severity.

By implementing the strategic recommendations outlined in our analysis report, we can significantly improve public safety and promote a responsible coexistence with marine life, ensuring that both humans and sharks can thrive in their respective environments.